

2021 AND 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT¹

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Traffic Stop Data Analysis & Findings in Massachusetts, 2021 & 2022

EXECUTIVE SUMMARY

About This Report

The Massachusetts legislature passed Chapter 122 of the Acts of 2019, *An Act Requiring the Hands-Free Use of Mobile Telephones While Driving* (“the Act” or “the Hands Free Driving Law”), which prohibits operators of motor vehicles from using any electronic device, including mobile telephones, unless the device is used in hands-free mode. The law took effect on February 23, 2020 and the intent is to reduce crashes by identifying and limiting the number of distracted drivers on the public roadways in the Commonwealth (An Act Requiring the Hands-Free Use of Mobile Telephones While Driving, 2019).

As part of the law, all law enforcement agencies in Massachusetts are required to collect data from all written Uniform Citations issued³, including demographic information about the stopped motorist (gender, age, race/ethnicity) and information about the stop and resulting citation (the traffic infraction, the date and time of the offense, the municipality in which the offense was committed, whether a search was initiated during the stop, and whether the stop resulted in a warning, citation, or arrest). On an annual basis, this data must be analyzed, and a report of the findings published online.

Using data on traffic citations in 2021 and 2022, this report is a follow-up to the 2020 report. In comparison to 2020, the number of citations increased significantly in 2021 and 2022,

³Traffic stops not resulting in a written Uniform Citation (i.e., verbal warnings) are excluded from the law’s requirements and therefore, not analyzed in this report.

post-COVID. Therefore, more departments met a minimum threshold of 100 citations⁴ to be analyzed for each year.

The current study analyzes traffic stop/citation⁵ data collected in Massachusetts during a two-year period from January 1, 2021, through December 31, 2022, for the Commonwealth as a whole and by municipality. In total, 1,270,129 unique traffic stops conducted during the 2-year period were analyzed, resulting in a total of 1,358,720 citations. Separate analyses were conducted for 2021 and 2022; results for each year are discussed separately in the sections that follow. The overall goal of this study is to learn more about potential patterns of racial disparities in traffic stops for the purpose of understanding the causes of these disparities.

We first discuss our methodological approach, including a description of the variables available for analysis, the unit of analysis for each method, and the types of analyses used in both the statewide evaluation and the department-level evaluations for each year. The current study utilizes multiple types of descriptive and associative statistical analyses. For the statewide study, we utilized three different analytical tools. For each department-level analysis, we utilized five different analytical tools or measures of disparity. The first three analytical tools examine potential racial disparities in the decision to stop. The last two examine potential racial disparities in post-stop outcomes, including the decision to issue a warning or a citation and the decision to conduct a search.

⁴A minimum threshold of 100 citations was selected to ensure robust and valid statistical analyses.

⁵The analyses presented in this report differentiate between unique stops and citations; a single stop, for instance, may result in multiple citations written for the same motorist during one stop event. See “Unit of Analysis for Different Methods” section below in body of report for additional details.

One analytical tool utilized is the Veil of Darkness (VoD), which uses changes in natural light to assess 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 visible and easily observed. Separate VoD analyses are performed for stops occurring throughout the day and stops occurring *only* during the intertwillight period (ITP)⁶, a set window of time during which light conditions naturally fluctuate over the course of a year (i.e., conditions at 7:00p.m. EST are dark in November, but light in July).

Beyond Veil of Darkness analysis, the report summarizes the demographic and contextual characteristics of stop events and cited motorists in the Commonwealth overall (presented in report) and in individual department-level analyses for each data collection period (2021 and 2022). While we do not discuss each department's results in detail in this report, department-level analyses were conducted for *each* law enforcement agency that had a minimum of 100 citations. In total, about 364 of the 445 agencies/agency sub-divisions⁷ (or 81.8%) had 100 or more citations during 2021 and about 370 of the 460 agencies/agency sub-divisions (or 80.4%) had 100 or more citations in 2022. Each department's report can be found listed in alphabetical order in Appendix C.

⁶See "Veil of Darkness Analysis (VoD)" section below in body of report for additional details on the intertwillight period (ITP) and justifications for its use as a natural control for more robust and valid study results.

⁷ Data for the Boston Police Department and Massachusetts State Police are further broken down (and analyzed) by district/troop sub-divisions, respectively.

The report concludes with a summary of the major findings, followed by a discussion of the strengths and limitations of the data and some recommendations to improve the data and analytical approaches for future reports.

Major Findings (2021)

Characteristics of the Statewide Traffic Stop Data⁸

Information About the Stops

- There were a total of 594,213 motor vehicle stops, resulting in 637,605 citations during 2021 by a total of 445 agencies/agency sub-divisions including municipal police departments, the Massachusetts State Police, and a small number of other state law enforcement agencies (e.g., state university, Environmental, and MBTA Police).
- About 64% of the traffic stops were conducted by the municipal police departments and 36% of the total stops were conducted by the Massachusetts State Police and other state agencies.
- About 10.6% of stops occurred from 12:00 a.m. - 6:00 a.m., 29.5% of stops occurred from 6:01 a.m. - 12:00 p.m., 35% of stops occurred between 12:01 p.m. - 6:00 p.m. and the remaining 25% of stops occurred between 6:01 p.m. and 11:59 p.m.
- The total number of stops per month varied from a high of 61,403 in April 2021 to a low of 34,592 in February 2021. The average stops per day varied from a low of 1,235.42 stops per day in February 2021 to a high of 2,046.76 stops per day in April 2021.

Demographics of Stopped Motorists

- Regarding the gender of stopped drivers in Massachusetts during this period, 63.9% were male, 36% were female, and about 1/10 of 1% were non-binary.
- The mean age of stopped drivers was about 37 years old.
- About 37.6% of stopped drivers were 29 years old or younger and the remaining 62.4% were 30 years old or older.

⁸Statewide analysis includes stops/citations from all agencies, including those with fewer than 100 citations.

- About 14.4% of stopped drivers in the state were African American/Black, 14.5% were Hispanic, 66.4% were White, and 4.6% were Other (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander).
- Nearly 69.7% of motor vehicle stops were not residents of the jurisdiction where the stop occurred. Additionally, 91.1% of stops were of Massachusetts drivers while the remaining 8.9% of stops were of out-of-state drivers.

Major Findings of the Statewide Analyses

Veil of Darkness Analysis (VoD): Statewide Analysis for All Stops

- The chi-square test for all Massachusetts stops (n = 594,213) was statistically significant, which is taken as evidence there is a relationship between the odds of a Non-White motorist (a motorist who is African American/Black, Hispanic, or Other race) being stopped during the day as compared to darkness (as well as a relationship between the odds of a White motorist being stopped during the day as compared to darkness). The results of this test for all stops indicates that White motorists are *more often* stopped in daylight than in darkness whereas Non-White motorists are *less often* stopped in daylight than in darkness.
- In the VoD logistic regression for all stops⁹ statewide (n = 594,213), the VoD variable representing light/dark conditions at time of stop was also statistically significant in its relationship to the dependent variable of Non-White stops. Specifically, the odds ratio was .637. This means the odds of a daylight stop for Non-White motorists are 36% lower than the odds of a darkness stop. For this analysis, no support was shown for a pattern of racial disparity in total Massachusetts stops.

Veil of Darkness Analysis (VoD): Statewide Analysis for Intertwilight Period (ITP) Stops Only

- The chi-square test for all Massachusetts ITP stops (n = 191,831) was also statistically significant, which is taken as evidence that there is a relationship between the odds of a Non-White motorist (a motorist who is African American/Black, Hispanic, or Other race) being stopped during the day as compared to darkness. The results indicate that Non-White motorists were slightly more often stopped in darkness as compared to daylight and White motorists were slightly more often stopped in daylight than in darkness.
- In the VoD logistic regression for ITP stops only statewide (n = 191,831), the VoD variable representing light/dark conditions at time of stop was statistically significant in

⁹VoD analysis examining all stops may be considered less robust than analyses of the restricted intertwillight period (ITP) sub-sample.

its relationship to the dependent variable of Non-White stops. Specifically, the odds ratio was .852. This means the odds of a daylight stop for Non-White motorists are 15% lower than the odds of a darkness stop. For the ITP analysis, no support was shown for a pattern of racial disparity in total Massachusetts stops.

Test for Disparities in Outcomes of Traffic Stops

- The results indicate that motorists in the Other race category (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander) are most likely to receive a warning, followed by White motorists. Conversely, Hispanic motorists, followed by African American/Black motorists are least likely to receive a warning.
- When it comes to receiving a *civil* citation, motorists in the Other race category were most likely to receive a civil citation, followed by Hispanic motorists. White motorists were least likely to receive a civil citation, followed by African American/Black motorists.
- When it comes to receiving a *criminal* citation, Hispanic motorists, followed by African American/Black motorists are most likely to receive a criminal citation whereas motorists in the Other race category, followed by White motorists were least likely to receive a criminal citation.
- When examining arrests by race/ethnicity, Hispanic motorists were most likely to be arrested, followed by Black motorists. Conversely, motorists in the Other race category were least likely to be arrested, followed by White motorists.
- The chi-square test was statistically significant, which is taken as evidence that there is a relationship between race/ethnicity of the stopped motorist and the outcome of the stop (whether a motorist received a warning, citation, or is arrested). Although the chi square test tells us that there appears to be a statistically significant relationship between race/ethnicity of the stopped motorist and the outcome of the stop (and that relationship is NOT due to chance alone), that does not mean that the race/ethnicity of the stopped driver caused the specific stop outcomes. There is a lot we don't know about the circumstances of the stop that could justifiably influence the outcome of the stop.

Tests for Disparities in the Decision to Search

- Less than 1% of traffic stops statewide resulted in a discretionary, non-inventory search¹⁰ (n = 5,157). Due to the small number of non-inventory searches that were

¹⁰An inventory search is a search conducted following police department policy when a vehicle is seized. If the police tow the car they will search and make an inventory of the contents. A non-inventory search represents all other discretionary (consent, plain view, etc.) searches that occur at the time of the traffic stop. See Massachusetts RMV codebook.

conducted *and* the fact that we are not able to determine the initial reason for the stop, caution should be used in interpreting these results, especially for agencies that had very small numbers of searches.

- The results indicate that Non-White motorists (a motorist who is African American/Black, Hispanic, or Other race) were more likely to be subjected to a non-inventory, discretionary search. Specifically, the results show that while about .70% of White motorists were subjected to a non-inventory, discretionary search, 1.09% of Non-White motorists were subjected to a non-inventory, discretionary search.
- The chi-square test tells us that there appears to be a statistically significant relationship between race/ethnicity of the stopped motorist and whether a non-inventory search is conducted (and that relationship is NOT due to chance alone) but that does not mean that the race/ethnicity of the stopped driver is the CAUSE of the search.

Major Findings of the Department-Level Analyses

- Department-level analyses were conducted for law enforcement agencies that had 100 or more citations during the 12-month data collection period. In total, 364 of the 445 (or 81.8%) agencies/agency sub-divisions who conducted traffic stops in 2021 had 100 or more citations.
- For the Veil of Darkness (VoD) analyses of the decision to stop, binary logistic regression¹¹ results showed that a total of 5 departments had odds ratios indicating the odds of stopping a Non-White driver (a motorist who is African American/Black, Hispanic, or Other race) were higher during the day than they were at night.
- The results of the VoD analysis for all stops¹² showed that two departments (Chelsea Police Department, Rochester Police Department) had odds ratios that indicated the odds of stopping a Non-White driver were higher during the day than they were at night.
- Binary logistic regression results of the VoD analysis for ITP stops only showed that three departments (Southwick Police Department, Westwood Police Department, Massachusetts State Police Troop C-4) had odds ratios that indicated the odds of stopping a Non-White driver were higher during the day than they were at night.

¹¹The technique of binary logistic regression and interpretation of odds ratios are discussed in greater detail in the “Veil of Darkness (VoD) Analysis” section below.

¹²VoD analysis examining all stops may be considered less robust than analyses of the restricted intertwillight period (ITP) sub-sample.

We caution that these findings DO NOT prove that any of the listed departments are engaging in racial profiling; there are many explanations for racial disparities in traffic enforcement other than officer bias. These findings simply serve as a starting point for further discussion and reflection.

Additionally, stakeholders are encouraged to consider the other key measures provided in individual department data sheets (and not VoD alone) when starting conversation(s) about racial profiling, acceptable thresholds, and appropriate solutions and responses. VoD is one way of studying the *decision to stop*, but patterns evident in outcomes (warnings, civil, criminal, arrest citations) and searches vary significantly across agencies and are important to examine in detail, case-by-case as well.

Major Findings (2022)

Characteristics of the Statewide Traffic Stop Data¹³

Information About the Stops

- There were a total of 675,916 motor vehicle stops, resulting in 721,115 citations during 2022 by a total of 460 agencies/agency sub-divisions including municipal police departments, the Massachusetts State Police, and a small number of other state law enforcement agencies (e.g., state university, Environmental, and MBTA Police).
- About 60% of the traffic stops were conducted by the municipal police departments and 40% of the total stops were conducted by the Massachusetts State Police and other state agencies.
- About 10.8% of stops occurred from 12:00 a.m. - 6:00 a.m., 29.9% of stops occurred from 6:01 a.m. - 12:00 p.m., 34.4% of stops occurred between 12:01 p.m. - 6:00 p.m. and the remaining 24.8% of stops occurred between 6:01 p.m. and 11:59 p.m.
- The total number of stops per month varied from a high of 71,001 in April 2022 to a low of 45,296 in January 2022. The average stops per day varied from a low of 1,461.16 stops per day in January 2022 to a high of 2,366.70 stops per day in April 2022.

Demographics of Stopped Motorists

- Regarding the gender of stopped drivers in Massachusetts during this period, 63.9% were male, 36.1% were female, and about 1/10 of 1% were non-binary.
- The mean age of stopped drivers was about 38 years old.

¹³Statewide analysis includes stops/citations from all agencies, including those with fewer than 100 citations.

- About 35.9% of stopped drivers were 29 years old or younger and the remaining 64.1% were 30 years old or older.
- About 14.5% of stopped drivers in the state were African American/Black, 15.2% were Hispanic, 65.1% were White, and 5.2% were Other (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander).
- Nearly 69.9% of motor vehicle stops were not residents of the jurisdiction where the stop occurred. Additionally, 90.1% of stops were of Massachusetts drivers while the remaining 9.9% of stops were of out-of-state drivers.

Major Findings of the Statewide Analyses

Veil of Darkness Analysis (VoD): Statewide Analysis for All Stops

- The chi-square test for all Massachusetts stops (n = 675,916) was statistically significant, which is taken as evidence there is a relationship between the odds of a Non-White motorist (a motorist who is African American/Black, Hispanic, or Other race) being stopped during the day as compared to darkness (as well as a relationship between the odds of a White motorist being stopped during the day as compared to darkness). The results of this test for all stops indicates that White motorists are *more often* stopped in daylight than in darkness whereas Non-White motorists are *less often* stopped in daylight than in darkness.
- In the VoD logistic regression for all stops¹⁴ statewide (n = 675,916) the VoD variable representing light/dark conditions at time of stop was also statistically significant in its relationship to the dependent variable of Non-White stops. Specifically, the odds ratio was .641. This means the odds of a daylight stop for Non-White motorists are 36% lower than the odds of a darkness stop. For this analysis, no support was shown for a pattern of racial disparity in total Massachusetts stops.

Veil of Darkness Analysis (VoD): Statewide Analysis for Intertwilight Period (ITP) Stops Only

- The chi-square test for all Massachusetts ITP stops (n = 222,111) was also statistically significant, which is taken as evidence that there is a relationship between the odds of a Non-White motorist (a motorist who is African American/Black, Hispanic, or Other race) being stopped during the day as compared to darkness. The results indicate that Non-White motorists were slightly more often stopped in darkness as compared to daylight and White motorists were slightly more often stopped in daylight than in darkness.

¹⁴VoD analysis examining all stops may be considered less robust than analyses of the restricted intertwillight period (ITP) sub-sample.

- In the VoD logistic regression for ITP stops only statewide (n = 222,111), the VoD variable representing light/dark conditions at time of stop was statistically significant in its relationship to the dependent variable of Non-White stops. Specifically, the odds ratio was .862. This means the odds of a daylight stop for Non-White motorists are 14% lower than the odds of a darkness stop. For the ITP analysis, no support was shown for a pattern of racial disparity in total Massachusetts stops.

Test for Disparities in Outcomes of Traffic Stops

- The results indicate that motorists in the Other race category (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander) are most likely to receive a warning, followed by White motorists. Conversely, Hispanic motorists, followed by African American/Black motorists are least likely to receive a warning.
- When it comes to receiving a *civil* citation, motorists in the Other race category were most likely to receive a civil citation, followed by Hispanic motorists. White motorists were least likely to receive a civil citation, followed by African American/Black motorists.
- When it comes to receiving a *criminal* citation, Hispanic motorists, followed by African American/Black motorists are most likely to receive a criminal citation whereas motorists in the Other race category, followed by White motorists were least likely to receive a criminal citation.
- When examining arrests by race/ethnicity, Hispanic motorists were most likely to be arrested, followed by African American/Black motorists. Conversely, motorists in the Other race category were least likely to be arrested, followed by White motorists.
- Additionally, the chi-square test was statistically significant, which is taken as evidence that there is a relationship between race/ethnicity of the stopped motorist and the outcome of the stop (whether a motorist received a warning, citation, or is arrested). Although the chi square test tells us that there appears to be a statistically significant relationship between race/ethnicity of the stopped motorist and the outcome of the stop (and that relationship is NOT due to chance alone), that does not mean that the race/ethnicity of the stopped driver causes the specific stop outcomes. There is a lot we do not know about the circumstances of the stop that could justifiably influence the outcome of the stop.

Tests for Disparities in the Decision to Search

- Less than 1% of traffic stops statewide resulted in a discretionary, non-inventory search¹⁵ (n = 4,867). Due to the small number of non-inventory searches that were conducted *and* the fact that we are not able to determine the initial reason for the stop, caution should be used in interpreting these results, especially for agencies that had very small numbers of searches.
- The results indicate that Non-White motorists (a motorist who is African American/Black, Hispanic, or Other race) were more likely to be subjected to a non-inventory, discretionary search. Specifically, the results show that while about .58% of White motorists were subjected to a non-inventory, discretionary search, .90% of Non-White motorists were subjected to a non-inventory, discretionary search.
- The chi-square test tells us that there appears to be a statistically significant relationship between race/ethnicity of the stopped motorist and whether a non-inventory search is conducted (and that relationship is NOT due to chance alone) but that does not mean that the race/ethnicity of the stopped driver is the CAUSE of the search.

Major Findings of the Department-Level Analyses

- Department-level analyses were conducted for law enforcement agencies that had 100 or more citations during the 12-month data collection period. In total, 370 of the 460 (or 80.4%) agencies/agency sub-divisions who conducted traffic stops in 2022 had 100 or more citations.
- For the Veil of Darkness (VoD) analyses of the decision to stop, binary logistic regression¹⁶ results showed that a total of 6 departments had odds ratios indicating the odds of stopping a Non-White driver were higher during the day than they were at night.
- The results of the VoD analysis for all stops¹⁷ showed that one department (Marshfield Police Department) had an odds ratio that indicated the odds of stopping a Non-White driver were higher during the day than they were at night.

¹⁵An inventory search is a search conducted following police department policy when a vehicle is seized. If the police tow the car they will search and make an inventory of the contents. A non-inventory search represents all other discretionary (consent, plain view, etc.) searches that occur at the time of the traffic stop. See Massachusetts RMV codebook.

¹⁶The technique of binary logistic regression and interpretation of odds ratios are discussed in greater detail below in the “Veil of Darkness (VoD) Analysis” section below.

¹⁷VoD analysis examining all stops may be considered less robust than analyses of the restricted intertwillight period (ITP) sub-sample.

- Binary logistic regression results of the VoD analysis for ITP stops only showed that five departments (Hanover Police Department¹⁸, Ludlow Police Department, Wrentham Police Department, Boston Police Department District E-18, Massachusetts State Police Troop C-3) had odds ratios that indicated the odds of stopping a Non-White driver were higher during the day than they were at night.

We caution that these findings do NOT prove any of the listed departments are engaging in racial profiling; there are many explanations for racial disparities in traffic enforcement other than officer bias. These findings simply serve as a starting point for further discussion and reflection.

Additionally, stakeholders are encouraged to consider the other key measures provided in individual department data sheets (and not VoD alone) when starting conversation(s) about racial profiling, acceptable thresholds, and appropriate solutions and responses. VoD is one way of studying the *decision to stop*, but patterns evident in outcomes (warnings, civil, criminal, arrest citations) and searches vary significantly across agencies and are important to examine in detail, case-by-case as well.

¹⁸Hanover PD had a significant portion (23.2%) of its cases not analyzed due to missingness. See “Some Notes on Missing Data” section below for more information on how patterns of missingness might affect results.

BACKGROUND OF CURRENT STUDY

Chapter 122 of the Acts of 2019, *An Act Requiring the Hands-Free Use of Mobile Telephones While Driving*¹⁹

In November 2019, the Massachusetts legislature passed Chapter 122 of the Acts of 2019, *An Act Requiring the Hands-Free Use of Mobile Telephones While Driving* (“the Act” or “the Hands Free Driving Law”). The law took effect on February 23, 2020, and prohibits operators of motor vehicles from using any electronic device, including mobile telephones, unless the device is used in hands-free mode. The intent of the Act is to reduce crashes and promote public safety by identifying and limiting the number of distracted drivers on the public roadways in the Commonwealth (An Act Requiring the Hands-Free Use of Mobile Telephones While Driving, 2019).

Since the law creates a new tool for law enforcement to stop motorists, some have expressed concern about this new law leading to increased racial disparities in traffic stops (Massachusetts American Civil Liberties Union, 2020). To address these concerns, as part of the legislation (M.G.L. c.90 §63), the Registry of Motor Vehicles (“RMV”) is required to collect the following data from all written Uniform Citations²⁰ issued by law enforcement officers:

1. Identifying characteristics of the individuals who receive a warning or citation or who are arrested including the age, race and gender of the individual;

¹⁹A previous law - Chapter 228 of the Acts of 2000, *An Act Providing for the Collection of Data Relative to Traffic Stops*, required similar data collection on traffic stops in Massachusetts, including demographic information of stopped motorists but the law contained a sunset provision, so the state stopped collecting such data until the new 2019 law went into effect (Massachusetts American Civil Liberties Union, 2019). Despite no longer being required to collect data, some law enforcement agencies in Massachusetts continued to collect and analyze traffic stop data on their own. For an analysis of Massachusetts traffic stop data under the 2000 law, see Massachusetts Racial and Gender Profiling Final Report, Northeastern University Institute on Race and Justice (2004) <https://repository.library.northeastern.edu/files/neu:344627/fulltext.pdf>.

²⁰Traffic stops not resulting in a written Uniform Citation (i.e., verbal warnings) are excluded from the law’s requirements and therefore, not analyzed in this report.

2. The traffic infraction;
3. The date and time of the offense and the municipality in which the offense was committed;
4. Whether a search was initiated as a result of the stop; and
5. Whether the stop resulted in a warning, citation, or arrest.

Under the Act, the Registry of Motor Vehicles (RMV) must provide all collected data to the Executive Office of Public Safety and Security (EOPSS). EOPSS is then required to (1) contract with a university, non-profit organization or institution (public or private) for the preparation of a report that includes an aggregate analysis of the data and (2) publish that analysis and report, including any aggregate analysis of the data online. Within 30 days of receiving the report, EOPSS will hold three (3) public hearings in various regions of the Commonwealth.

In addition, if the Secretary, in consultation with the Attorney General, determines that the analysis and report suggest that a law enforcement agency appears to have engaged in racial or gender profiling, the Secretary must: (1) require the law enforcement agency to collect information, for a period of 1 year, on all traffic stops, including those not resulting in a warning, citation, or arrest; and (2) mandate implicit bias training using best practices for the law enforcement agency.

THE CURRENT STUDY

The current study analyzes traffic citation data collected in Massachusetts from January 1, 2021, through December 31, 2022, for the Commonwealth as a whole, by municipality, and by state law enforcement agencies. Data for 2021 and 2022 are analyzed separately. The overall goal of this study is to learn more about potential patterns of racial disparities in traffic stops for the purpose of understanding the causes of these disparities and building or maintaining community trust, ultimately making us all safer.

It is imperative 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, that it did not. In other words, disparities do not equal discrimination or profiling. Instead, they serve as the starting point for reflection and further learning and discussion.

Racial disparities in traffic enforcement can result from a number of factors both proper and improper, including deployment decisions, targeted or proactive enforcement efforts in high-crime neighborhoods, etc. As such, there are certainly other possible explanations for racial disparities *beyond* officer bias. For example, certain department-level enforcement strategies or allocation of patrol resources that are race neutral on their face may result in disparate treatment of certain racial or ethnic groups (Weisburd, 2016; McDevitt, Iwama, & Bailey-Laguerre, 2014).

Notwithstanding the limitations of the data, conducting community-level analysis of traffic enforcement data is an important starting point to identifying meaningful racial disparities. Toward this end, this study addresses the following research questions:

1. What is the general pattern of traffic enforcement in Massachusetts?
2. Do traffic enforcement patterns in Massachusetts vary based on age, race, gender or time of day? Do these patterns suggest any type of disparity?
3. Is race a factor in police officers' decisions to stop a motorist?
4. Is race a factor in determining the outcome of a stop incident (warning, citation or arrest), including whether a non-inventory search takes place?

In the sections that follow, we first discuss our methodological approach, including a description of the variables available for analysis, the unit of analysis for each method, and the types of analyses used in both the statewide evaluation and department-level evaluations. Second, we provide a summary of the characteristics of the traffic stop data in the Commonwealth as a whole for the current data collection period (January 1, 2021, through December 31, 2022) separately by year. Third, we present the findings of the analyses for the Commonwealth as a whole. While we do not discuss each department-level analysis in detail in the report, department-level analyses were conducted for *each* law enforcement agency that had at least 100 citations during the data collection period.²¹ Each department analysis can be found listed in alphabetical order in Appendix C (See also Appendix A for instructions on how to interpret the department-level analyses). The report concludes with a summary of

²¹A minimum sample threshold was necessary to ensure robustness of statistical tests and to ensure the anonymity and/or confidentiality of the motorists stopped as officer and motorist anonymity is required by statute. See Appendix D for a list of departments that did not meet this threshold. In 2021, 364 out of 445 (or 81.8%) of law enforcement agencies/agency sub-divisions that had stops in 2021 had 100 or more citations. In 2022, 370 out of 460 (or 80.4%) of law enforcement agencies/agency sub-divisions that had stops in 2022 had 100 or more citations.

the major findings, a discussion of the strengths and limitations of the data, and some recommendations to improve the data and analytical approach for future reports.

METHODOLOGICAL APPROACH

Description of Variables Available for Analysis

In this section, we provide a detailed description of the variables available for analysis, including motorist demographic variables and contextual information about the stop.

Motorist Demographic Variables

1. *Age of Motorist.* The age of the motorist is calculated as a whole number based on the motorist Date of Birth (DOB) on file with the Massachusetts Registry of Motor Vehicles (RMV) and citation offense date. Age represents the motorist's age on the date of the stop. Motorists between the ages of 16 and 100 years old are included in the analyses. A small number of age outliers, presumed to be clerical data-entry errors were removed (e.g. 6 year-olds or 150 year-old motorists).
2. *Gender of Motorist.* The gender of the motorist is determined by the self-identified gender on file with the RMV. The categories include: male, female, non-binary²² and unknown.
3. *Residence ZIP Code of Motorist.* The motorist's residence ZIP Code is the ZIP Code on file with the RMV.
4. *Perceived Race/Ethnicity of the Motorist.* The Massachusetts RMV does not collect information on the race or ethnicity of drivers. Therefore, in the current dataset, the motorist's race/ethnicity is determined by the officer's perception. The categories in the raw data file include: African, American, Asian, Asian Pacific, African American, Caucasian, Cape Verdean, Hispanic, Middle Eastern, American Indian, Pacific Islander, Unknown and White²³. For the purposes of our analyses, these categories were collapsed into the following new categories: African American/Black, Hispanic, White, and Other (which includes Asian, Asian Pacific, American Indian, Middle Eastern and Pacific Islander)²⁴. For some of the analyses, the race/ethnicity categories were further

²²Effective November 12, 2019, the Massachusetts RMV gives residents the option to select non-binary when designating one's gender on a driver's license or identification.

²³A negligible number of cases labeled "American" were judged typos and added to the Unknown/Missing category; a similarly negligible number of cases labeled "African" and "Cape Verdean" were added to the African American/Black category, and a handful of "Caucasian" cases added to the White category.

²⁴An Other category was created due to the small numbers of stops/citations involving members of these groups (<5% combined). Combining them was a tradeoff between precision and having large enough numbers for valid and parsimonious statistical analyses.

collapsed into Non-White and White. The Non-White category includes African American/Black motorists, Hispanic motorists, and Other motorists.²⁵

Approximately 3.5% of cases did not identify race in 2021 (2.8% were labeled as "unknown" and .7% were missing an entry) and approximately 3.9% of cases did not identify race in 2022 (3.2% were labeled as "unknown" and .7% were missing an entry).

Information About the Stop

1. *Date the Stop Occurred.* Law enforcement officers are required to report the date (MM/DD/YYYY) of the stop.
2. *Time the Stop Occurred.* Law enforcement officers are required to report the time of the stop, including the time hour, time minute and time meridiem (AM, PM or Unknown).
3. *Whether the Stop Occurred on a Weekday or Weekend.* Each stop is coded as occurring on a weekday or weekend day based on the date of the stop.
4. *Season of the Stop.* A variable for the season of the stop (winter, spring, summer, and fall) was created using the date variable in line with meteorological seasons: winter = December through February, spring = March through May, summer = June through August, and fall = September through November.
5. *Location of the Stop.* Law enforcement officers are required to report the location of the stop, including the city/town and the ZIP Code where the stop occurred.
6. *Law Enforcement Agency Conducting the Stop.* The law enforcement agency conducting the stop is included in the dataset.
7. *Outcome of the Stop.* The disposition or outcome of the stop is coded as written warning, criminal citation, civil citation, or arrest.
8. *Whether a Search was Conducted.* Law enforcement officers utilize a binary variable to record whether a non-inventory search was conducted or not (yes or no). Non-inventory searches are considered discretionary searches by law enforcement officers, which includes consent searches, plain-view doctrine searches, etc. This report does not include inventory searches, which occur when someone is arrested, their vehicle is impounded, and all the contents of the vehicle are inventoried.

²⁵Collapsing race into Non-White/White categories was necessary for binary logistic regression analyses which require a dichotomous (two-category) dependent variable.

Some Notes on Missing Data

In the original dataset provided for this analysis, individual measures (i.e., age, race/ethnicity, gender, time, etc.) exhibited negligible, but unique patterns of missingness. When a variable has missing data, it means the officer's entry for that stop/citation was left blank and therefore cannot be included in analyses. Missingness is not necessarily the result of intentional omission, and the same citation could be missing data on one variable and not another; for instance, a citation may be missing the motorist's age, but include the motorist's race/ethnicity and gender. Therefore, the total number of cases (or Ns) for descriptive data tables and associative statistical tests can also vary. In the tables that follow, both for statewide and individual department analyses, note that some figures and percentages may not be out of the precise, full total number of stops/citations listed for each examined year due to occasional missingness.

For department-level analyses specifically, the percentage missing/unknown race and ethnicity is provided for additional context. This statistic is provided for race and ethnicity only (and not other demographic variables) because 1) this is one key variable which is left up to officer perception and not listed explicitly on a Massachusetts driver's license, 2) it is a variable of primary interest when examining patterns of disparity, or profiling, and 3) significant percentages of missingness were identified in a small fraction of agencies, which could potentially affect the validity of their demographic and Veil of Darkness (VoD) results.

Unit of Analysis for Different Methods

Before discussing the unit of analysis for each method, it is first important to make a distinction between a stop and citation. The original unit of observation of the dataset as provided in raw form by the RMV is each citation and for some analyses, the *citation* is also the unit of analysis. However, for other analyses, it makes more sense to use each unique traffic *stop* as the unit of analysis.

While stops with multiple citations were rare, a small percentage of stops did involve 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. Specifically, duplicates were removed from the department-level and statewide demographic breakdowns as doing otherwise might over-represent age, race/ethnicity, and gender breakdowns. For instance, stopping one African American/Black driver and issuing three citations would “count” and appear as three stops in the data, when in fact only one person was stopped. Similarly, for the “decision to stop” sections (e.g. all VoD analyses), the final unit of analysis will be the unique stop as only one driver is stopped in daylight or darkness, even if three citations are ultimately issued. However, for the tests of disparities in outcomes (warning, citation, or arrest) and the decision to search, the unit of analysis will remain the citation. A citation represents a social artifact and the product of a police officer’s decision to assess a particular penalty, a separate concept from the general decision to pull over a motorist. Patterns in outcomes warrant separate study and a separate unit of analysis.

Additionally, it is also important to note that a small percentage of citations were the result of a motor vehicle crash. Such cases were more likely reactive (in terms of age, race/ethnicity, and gender breakdowns) and less relevant to being included in the VoD analysis as it is not logical to assume daylight impacted crashes, or any police responses to them. Therefore, crash cases were also excluded from the decision to stop analyses, but these cases *were* included in the outcomes and decision to search analyses, as issuing a citation or searching after a crash remain a discretionary decision that could show patterns of differential treatment.

In general, both duplicate and crash cases appear rare, with most stops/citations comprising just one entry, and a violation not involving an accident. Specifically, in 2021 about 7.3% of stops involved multiple citations or were the result of a crash and in 2022, about 6.7% of the stops involved multiple citations or were the result of a crash.

Types of Analyses

Currently, there is no universally accepted benchmark for determining whether racial disparities exist in a particular community (McDevitt et al., 2014). This means that existing research on traffic stops has not identified an accepted threshold for differences between the demographics of drivers stopped and the demographics of the driving population. In other words, researchers and policymakers have not reached agreement on the answer to the question, how much disparity is too much disparity? Given this, prior research analyzing traffic stop data has established that the best methodological approach is to utilize *multiple* layers of

analyses and benchmarks to determine if potential disparities exist in certain communities (Officer, McAlister, Weinerman, Rau & Tallan, 2020; Barone, Fazzalano, Kalinowski, & Ross, 2020; McDevitt et al., 2014). This approach protects against the possibility that any single analysis could produce false positives or false negatives (Officer et al., 2020).

In keeping with best practices, therefore, the current study utilizes multiple types of analyses and benchmarks. For the statewide analysis of stops/citations, we utilized three different analytical tools; for each department-level analysis, we utilized five. The first three analytical tools (comparing stop rates by race to community demographics, comparing stop rates by race to the overall state average stop rates by race, the Veil of Darkness analysis) examine potential racial disparities in the *decision to stop* while the last two examine potential racial disparities in *post-stop outcomes/citations*, including the decision to issue a warning or a civil/criminal citation (or to arrest) and the decision to conduct a discretionary, non-inventory search.

Some of the specific analytical tools used in the current study are described below:²⁶

Veil of Darkness Analysis (VoD): Developed by Jeffrey Grogger and Greg Ridgeway (2006), the Veil of Darkness (VoD) analysis uses changes in natural light to assess 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

²⁶A 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*. In some analyses, all citations issued within the same stop *were* included. The unit of analysis for the tests for disparities in outcomes and searches was the citation. For all other analyses, the unit of analysis was the unique stop.

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,” or ITP which occurs during morning and/or evening commute times. The dawn ITP is defined as the earliest start of civil twilight to the latest sunrise while the dusk ITP is defined as the earliest sunset to the earliest end of civil twilight. 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*. For example, the VoD analysis can compare stops made on February 23, 2022, when it was dark at 6:00 p.m. to stops made two months later at the same time on April 23, 2022, when it was still light outside. This approach increases validity by increasing chances the same drivers, of the same age, race, and gender backgrounds, are driving the same roadways, but sometimes in light, and sometimes in darkness. There is some degree of overlap with commuting times, which tend to stay fixed. Examining light’s impact on stop patterns for all stops (and not just ITP) introduces more confounding factors, as patterns of White and Non-White driving might vary outside of commuting times, meaning these patterns are more susceptible to other, unknown variables and difficult to detect. In sum, using an ITP sub-sample helps to isolate the impact that light has on decisions to stop drivers.

Since we do not have access to geocoded location information for each stop, we utilized sunset, sunrise, civil twilight and ITP data from the United States Naval Observatory (USNO) for the city of Worcester, Massachusetts since this is the largest city in the geographic center of Massachusetts. The dawn intertwilight period for Worcester ranges from 4:35 a.m. – 7:16 a.m.

and the dusk intertwillight period is from 4:14 p.m. through 9:02 p.m., depending on the time of year. This analysis includes stops that occurred during the combined dawn and dusk intertwillight periods. In line with 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 was conducted for the state as a whole and for departments that a) had a minimum of 100 citations during the combined ITP period AND b) had at a minimum of 5 cases in each category analyzed (e.g. at least 5 stops of Non-White drivers during the day and at least 5 stops of Non-White drivers at night).

For comparison, and to examine a greater number of agencies, we also conducted a VoD analysis using all stops for the statewide analysis and for each department. It should be noted that this analysis is not as robust as the VoD model using only stops during the combined ITP, which controls for driving population. However, these results are still valuable as they allow for a comparison of racial differences in stopped motorists in daylight vs. darkness and provide departments who don't meet the minimum sample threshold of 100 citations during the combined ITP period with a VoD analysis.

We first utilized cross-tabulations (i.e., cross-tabs), which quantitatively analyze the relationship between multiple variables in a dataset. Cross-tabs were then tested for statistical significance using a Pearson's chi-square test for a 2x2 table. The chi-square test is 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 frequency of when a stopped motorist is Non-White during daylight as compared to darkness. If the chi-square value is significant, this means that the variables have a statistically significant association and the pattern shown is true, and not by chance. In other words, the chi-square test examines *within race* differences in stops during daylight versus darkness and the chance of being stopped.

Using binary logistic regression, the VoD approach tests whether the odds of Non-White traffic stops during daylight are significantly different from the odds of Non-White traffic stops during darkness. Logistic regression works well with dichotomous variables, otherwise known as variables that take on one of two possible outcomes. The dependent variable for logit models is whether the stopped driver was Non-White/White. A Non-White motorist is defined a motorist who is African American/Black, Hispanic, or Other race. Independent measures include the VoD variable indicating whether the stop occurred at a time and on a day when conditions were light or dark and two contextual controls, the day of the week (weekday/weekend) and the season (winter/spring/summer/fall). These controls help to isolate the impact of light conditions on the decision to stop a Non-White motorist.

Binary logistic regression yields a key statistic known as the odds ratio (OR). If the odds ratio is not statistically different from 1.0, this means that the analysis finds no difference in the odds of a stop occurring in daylight from the odds of a stop occurring in darkness. Conversely, if the odds ratio is greater than 1.0 and is statistically significant, this means that the analysis

found the odds of a Non-White driver being stopped in daylight are significantly higher than in darkness. This may be taken as potential evidence of racial disparities in stops after accounting for additional control variables that are available in the stop data, including the season of the year and whether it is a weekday or weekend. Conversely, if the odds ratio is less than 1.0 and statistically significant, the odds of a Non-White driver being stopped in daylight are significantly lower than in darkness (Officer, 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 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 to mean Non-White drivers' odds of being stopped in daylight are 79% *higher* than their odds of a darkness stop.

Conversely, if you have an odds ratio *below 1.000*, you can subtract the figure after the decimal from 1 and it would be interpreted as a percentage *decrease*. For example, if you have an odds ratio of .450, you can subtract .450 from 1 to get .55. The subsequent interpretation would be that Non-White drivers' odds of being stopped in daylight are 55% *lower* than their odds of a darkness stop.

Department-Level Data to Statewide Average: This is the first of two techniques that are referred to as population benchmarks, which are commonly used to evaluate racial disparities in law enforcement stop data. Following the Connecticut Model (Barone et al., 2020), this

second analytical tool examines the number of Non-White traffic stops in a department against a benchmark constructed using stops made by *all* law enforcement agencies in Massachusetts. The statewide average comparison offers a simple and effective way to establish a baseline for all departments from which the relative differences between department stop numbers and the average for the state are compared (Barone et al., 2020).

Department-Level Data to Resident Population Demographics: This is the second population benchmark used in the current study that limits the analysis to stops involving *only* residents of the community in each given department and compares them to the community demographics based on the most recent (2020) decennial U.S. Census data. This type of analysis was not performed for state agencies because their jurisdiction covers many different cities/towns. Additionally, this type of analysis was not performed for cities/towns with a population of less than 5,000 as U.S. Census data is only available for cities and towns with a population of 5,000 or more.

Test for Disparities in Outcomes of Traffic Stops: 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 result in different outcomes relative to their White counterparts. The possible outcomes include a warning, civil citation, criminal citation, or an arrest. 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-squares²⁷ for both the statewide analysis and the department-level analyses. This technique allows researchers to test whether there are statistically significant disparities by race whether 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 true and not due to chance alone.

Tests for Disparities in the Decision to Search: 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 more likely to be subject to 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. An inventory search is a warrantless search of a lawfully impounded vehicle by law enforcement for administrative purposes rather than to locate incriminating evidence. The purpose of an inventory search is for the law enforcement agency to inventory the contents of the vehicle to a) protect the owner's property located inside the vehicle; b) protect law enforcement from claims that property was lost, damaged or stolen and c) protect the police and public from dangerous items that may be located inside the vehicle (Massachusetts Chiefs of Police Association, 2019). Conversely, a non-inventory search is a search of a motor vehicle conducted with the purpose of locating incriminating evidence. 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. Due to the

²⁷An alpha level of .05 was used for all statistical tests.

small number of non-inventory searches that were conducted in both 2021 and 2022, caution should be used in interpreting these results, especially for agencies that had less than 100 searches.

For the statewide analysis *only*, we also tested cross-tabs for statistical significance with chi-squares to determine if the differences in non-inventory searches by race/ethnicity were statistically significant. However, due to the very small number of searches by departments (for most departments, non-inventory searches were rare), chi-squares were not used for the department-level analyses to test for disparities in the decision to search. Instead, only descriptive tables are provided.

CHARACTERISTICS OF STATEWIDE TRAFFIC STOP DATA

All Stops (Statewide)

Using data collected from traffic stops that took place from January 1, 2021 through December 31, 2022, this section examines the general pattern of traffic enforcement in Massachusetts during this time period for 2021 and 2022 separately. Table 1 displays the descriptive statistics for all Massachusetts stops as well as only those stops during the intertwillight period (ITP) for both 2021 and 2022.

Table 1. 2021 and 2022 Statewide Descriptive Statistics, All Stops vs. ITP Stops

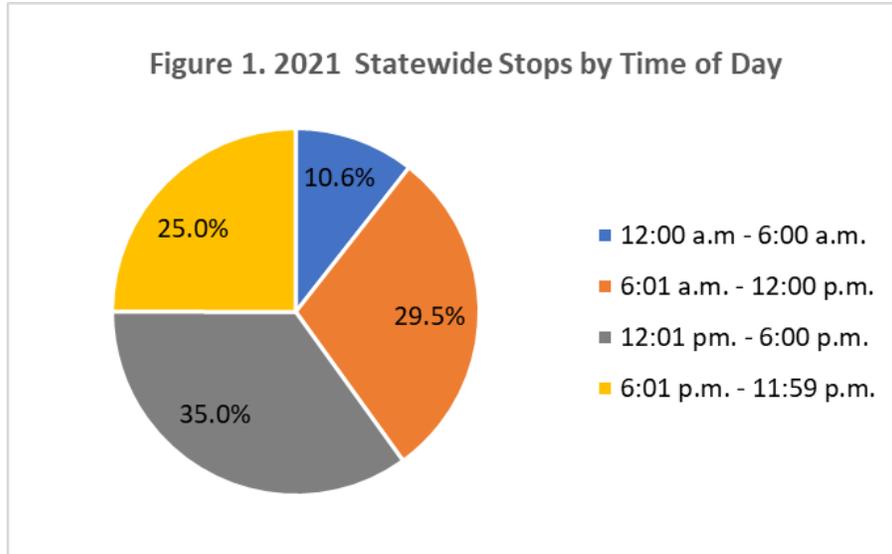
		2021 Stops		2022 Stops	
		All Stops (N = 594,213)	ITP Stops (N = 191,831)	All Stops (N = 675,916)	ITP Stops (N = 222, 111)
Mean Age		37.53	37.23	37.93	37.75
Zip Code Matching					
	Intown motorist	30.3%	30.1%	30.1%	30.3%
	Passing through	69.7%	69.9%	69.9%	69.7%
Gender	%				
	Female	36.0%	34.9%	36.1%	35.2%
	Male	63.9%	65.1%	63.9%	64.7%
	Non-Binary	0.1%	0.1%	0.1%	0.1%

Race	%				
	AA/Black	14.4%	13.4%	14.5%	13.2%
	Hispanic	14.5%	13.9%	15.2%	14.8%
	White	66.4%	68.3%	65.1%	66.7%
	Other	4.6%	4.5%	5.2%	5.3%

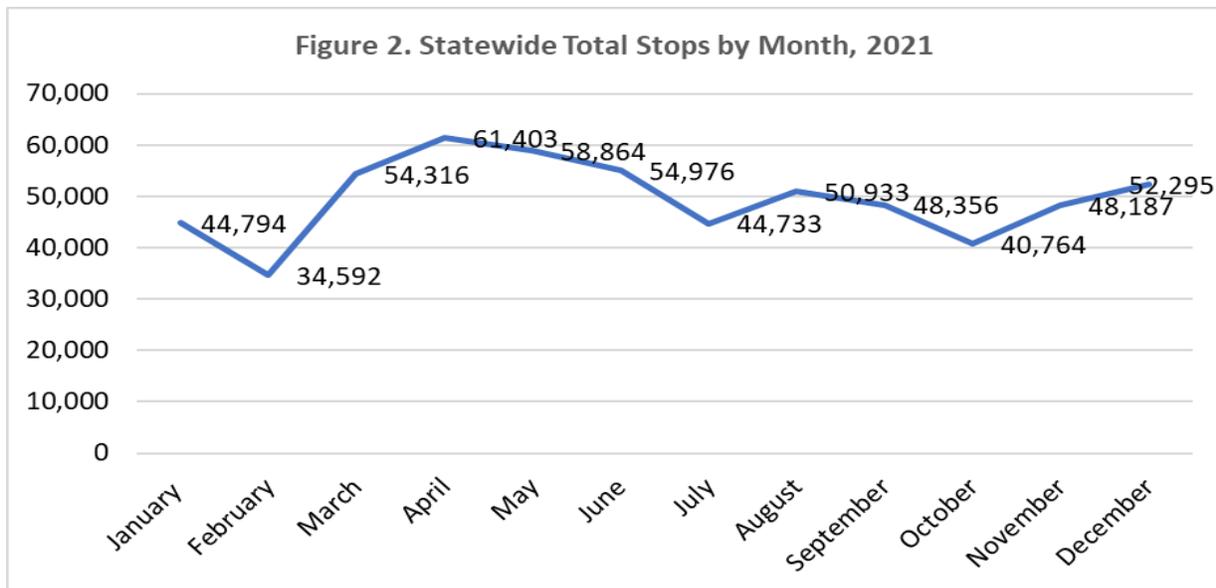
Information About the Stops - 2021

In 2021, a total of 594,213 traffic stops (resulting in 637,605 citations) were conducted by a total of 445 agencies/agency sub-divisions including municipal police departments, the Massachusetts State Police, and a small number of other state law enforcement agencies (e.g., state university, Environmental, and MBTA Police). About 64% of the traffic stops were conducted by the municipal police departments and 36% of the total stops were conducted by the Massachusetts State Police.

Additionally, the volume of all Massachusetts traffic stops varies by time of day and month. Specifically, about 10.6% of stops occurred from 12:00 a.m. - 6:00 a.m., 29.5% of stops occurred from 6:01 a.m. - 12:00 p.m., 35% of stops occurred between 12:01 p.m. - 6:00 p.m. and the remaining 25% of stops occurred between 6:01 p.m. and 11:59 p.m. (see Figure 1).



The total stops per month varied from a high of 61,403 in April 2021 to a low of 34,592 in February 2021 (See Figure 2). The average stops per day varied from a low of 1,235.42 stops per day in February 2021 to a high of 2,046.76 stops per day in April 2021.



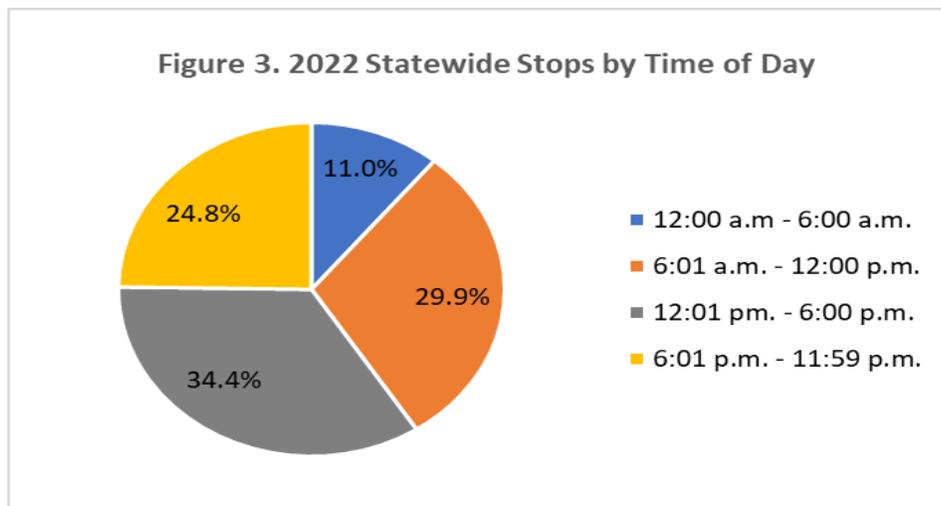
The volume of traffic stops also varied by season. The highest volume of traffic stops occurred in the spring while the lowest volume of traffic stops occurred in the winter.

Specifically, about 29.4% of all stops occurred during the spring, followed by 25.4% in the summer, 23.1% in the fall and 22.2% in the winter.

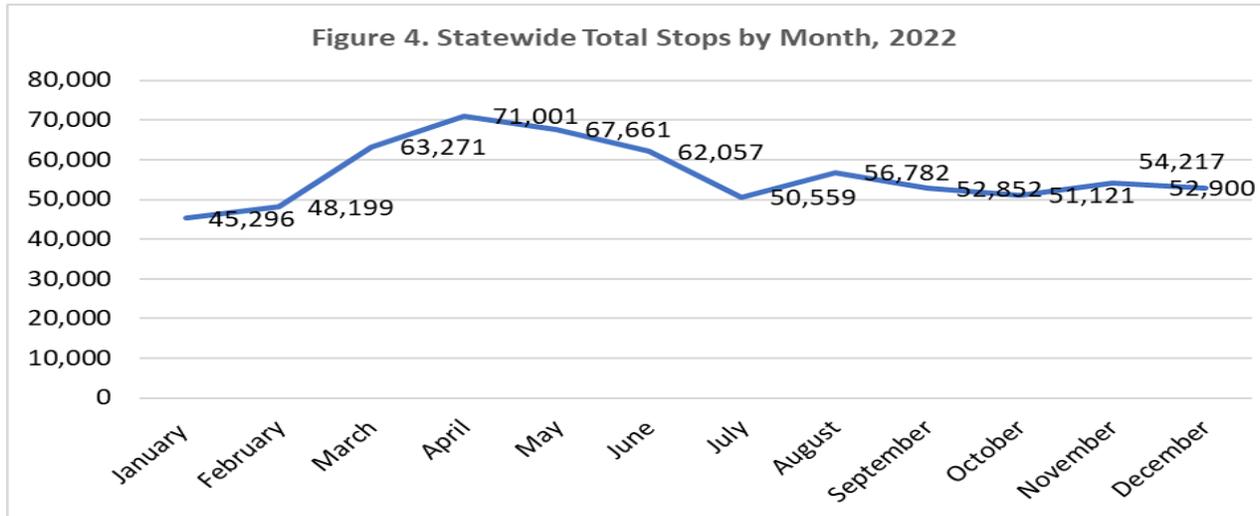
Information About the Stops - 2022

In 2022, a total of 675,916 traffic stops (resulting in 721,115 citations) were conducted by a total of 460 agencies/agency sub-divisions including municipal police departments, the Massachusetts State Police, and a small number of other state law enforcement agencies (e.g., state university, Environmental, and MBTA Police). About 60% of the traffic stops were conducted by the municipal police departments and 40% of the total stops were conducted by the Massachusetts State Police.

Additionally, the volume of all Massachusetts traffic stops varies by time of day and month. Specifically, about 11% of stops occurred from 12:00 a.m. - 6:00 a.m., 29.9% of stops occurred from 6:01 a.m. - 12:00 p.m., 34.4% of stops occurred between 12:01 p.m. - 6:00 p.m. and the remaining 24.8% of stops occurred between 6:01 p.m. and 11:59 p.m. (see Figure 3).



The total stops per month varied from a high of 71,001 in April 2022 to a low of 45,296 in January 2022 (See Figure 4). The average stops per day varied from a low of 1,461.16 stops per day in January 2022 to a high of 2,366.70 stops per day in April 2022.



The volume of traffic stops also varied by season. The highest volume of traffic stops occurred in the spring while the lowest volume of traffic stops occurred in the winter. Specifically, about 29.9% of all stops occurred during the spring, followed by 25.1% in the summer, 23.4% in the fall and 21.7% in the winter.

Demographics of Stopped Motorists - 2021

Regarding the gender of stopped drivers in Massachusetts as a whole in 2021, 63.9% were male, 36% were female, and .1% were non-binary. The mean age of stopped drivers was about 37 years old. About 37.6% of stopped drivers were 29 years old or younger and the remaining 62.4% were 30 years old or older.²⁸ About 14.4% of stopped drivers in the state as a

²⁸Age groups noted here are based on the age groups referenced in the Hands-free Driving law (29 years old and younger and 30 and over).

whole were African American/Black, 14.5% were Hispanic, 66.4% were White, and 4.6% were Other (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander).

We were also interested in examining 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 motorist's home address on file with the Massachusetts Registry of Motor Vehicles (RMV) and comparing it to the ZIP Code of the location where the stop occurred to see if the ZIP Codes are within the same city/town²⁹. About 69.7% of stopped drivers were not residents of the jurisdiction in which the stop occurred. Additionally, 91.1% of stopped drivers were Massachusetts drivers while the remaining 8.9% of stopped drivers were not residents of Massachusetts.

When considering intersections of race/ethnicity and gender of stopped motorists, the gender breakdown for all African American/Black drivers is as follows: 30.2% were female, 69.7% were male and .1% were non-binary. The gender breakdown for all Hispanic drivers is as follows: 29.4% were female, 70.5% were male, .0% were non-binary. The gender breakdown for all White drivers is as follows: 39.1% were female, 60.9% were male and .1% were non-binary. The gender breakdown for all Other race drivers is as follows: 30.7% were female, 69.2% were male and .1% were non-binary.

²⁹Official 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.

Demographics of Stopped Motorists - 2022

Regarding the gender of stopped drivers in Massachusetts as a whole in 2022, 63.9% were male, 36.1% were female, and .1% were non-binary. The mean age of stopped drivers was about 38 years old. About 35.9% of stopped drivers were 29 years old or younger and the remaining 64.1% were 30 years old or older.³⁰ About 14.5% of stopped drivers in the state as a whole were African American/Black, 15.2% were Hispanic, 65.1% were White, and 5.2% were Other (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander).

About 69.9% of stopped drivers were not residents of the jurisdiction in which the stop occurred. Additionally, 90.1% of stopped drivers were Massachusetts drivers while the remaining 9.9% of stopped drivers were not residents of Massachusetts.

When considering intersections of race/ethnicity and gender of stopped motorists, the gender breakdown for all African American/Black drivers is as follows: 30.6% were female, 69.3% were male and .1% were non-binary. The gender breakdown for all Hispanic drivers is as follows: 29.9% were female, 70.1% were male, .0% were non-binary. The gender breakdown for all White drivers is as follows: 39.2% were female, 60.7% were male and .1% were non-binary. The gender breakdown for all Other race drivers is as follows: 30.7% were female, 69.2% were male and .1% were non-binary.

³⁰Age groups noted here are based on the age groups referenced in the law (29 years old and younger and 30 and over).

Intertwilight Period (ITP) Stops Only (Statewide) - 2021

The Veil of Darkness (VOD) analysis (discussed in detail in the *Methodological Approach* section) utilizes a restricted sample of stops conducted during the intertwilight period (ITP). Therefore, in the current section, we provide descriptive statistics of stops during the combined dawn/dusk ITP from 4:35 a.m. - 7:16 a.m. and from 4:14 p.m. - 9:02 p.m. The descriptive statistics of the stops in the state as whole during the ITP were very similar to the descriptive statistics for all stops statewide.

During the combined ITP in 2021, there were a total of 191,831 stops statewide, making up about 32% of the total stops. Like the gender breakdown of all stops statewide, the gender of stopped drivers in Massachusetts during the ITP were as follows: 65.1% were male, 34.9% were female and about .1% were non-binary. The mean age of stopped drivers during the ITP was about 37 years old. The age breakdown of stopped drivers during the ITP were identical to the age breakdown of all stops and were as follows: 38% of stopped drivers were 29 years old or younger and the remaining 62% were 30 years old or older. About 13.4% of the stopped drivers in state during the ITP were African American/Black, 13.9% were Hispanic, 68.3% were White, and 4.5% were Other (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander). Like the resident/non-resident breakdown for all stops, about 69.9% of stopped drivers during the ITP were not residents of the jurisdiction in which the stop occurred. Additionally, 91.3% of stopped drivers were Massachusetts residents and the remaining 8.7% of stopped drivers were not Massachusetts residents.

Intertwilight Period (ITP) Stops Only (Statewide) - 2022

The Veil of Darkness (VOD) analysis (discussed in detail in the *Methodological Approach* section) utilizes a restricted sample of stops conducted during the intertwilight period (ITP). Therefore, in the current section, we provide descriptive statistics of stops during the combined dawn/dusk ITP from 4:35 a.m. - 7:16 a.m. and from 4:14 p.m. - 9:02 p.m. The descriptive statistics of the stops in the state as whole during the ITP were very similar to the descriptive statistics for all stops statewide.

During the combined ITP in 2022, there were a total of 222,111 stops statewide, making up about 33% of the total stops. Like the gender breakdown of all stops statewide, the gender of stopped drivers in Massachusetts during the ITP were as follows: 64.7% were male, 35.2% were female and about .1% were non-binary. The mean age of stopped drivers during the ITP was about 38 years old. The age breakdown of stopped drivers during the ITP were identical to the age breakdown of all stops and were as follows: 36% of stopped drivers were 29 years-old or younger and the remaining 64% were 30 years-old or older. About 13.2% of the stopped drivers in state during the ITP were African American/Black, 14.8% were Hispanic, 66.7% were White, and 5.3% were Other (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander). Like the resident/non-resident breakdown for all stops, about 69.7% of stopped drivers during the ITP were not residents of the jurisdiction in which the stop occurred. Additionally, 90.5% of stopped drivers were Massachusetts residents and the remaining 9.5% of stopped drivers were not Massachusetts residents.

FINDINGS - 2021

The results of the statewide VoD analyses for 2021 for all stops and only stops during the ITP period are displayed in Table 2 below.

Table 2. 2021 Statewide Veil of Darkness Analysis, All Stops vs. ITP Stops

All stops (N = 594,213)			ITP stops only (N = 191,831)		
Race	Daylight	Darkness	Race	Daylight	Darkness
Non-White	30.4%	40.8%	Non-White	30.9%	33.3%
White	69.6%	59.2%	White	69.1%	66.7%
Chi-Square:	.000*	<i>sig.</i>	Chi-Square:	.000*	<i>sig.</i>
Odds ratio Exp(B):	.637*	<i>sig.</i>	Odds ratio Exp(B):	.852*	<i>sig.</i>

2021 Veil of Darkness Analysis (VoD): Statewide Analysis for All Stops

The chi-square test for the state as a whole for 2021 for all stops (n = 594,213) was statistically significant, which is taken as evidence that there is a relationship between the likelihood of a Non-White motorist (a motorist who is African American/Black, Hispanic, or Other race) being stopped during the day as compared to darkness (and that there is a relationship between the likelihood of a White motorist being stopped during the day as compared to darkness). The results of this test for all stops indicates that White motorists are *more often* stopped in daylight than in darkness whereas Non-White motorists are *less often* stopped in daylight than in darkness.

As previously noted, the Veil of Darkness (VoD analysis) also utilized the more robust logistic regression technique that tests whether the odds of Non-White traffic stops during daylight are significantly different from the odds of Non-White traffic stops during darkness.

The VoD logistic regression for 2021 for all stops statewide (n = 594,213) was also statistically significant. Specifically, the odds ratio was .637. This means the odds that a stopped motorist is Non-White are 36% *lower in daylight* than in darkness. For the statewide binary logistic regression analysis of all stops, no support was shown for a pattern of racial disparity.

2021 Veil of Darkness Analysis (VoD): Statewide Analysis for ITP Stops Only

The chi-square test for the state as a whole for 2021 for only ITP stops (n = 191,831) was statistically significant, which is taken as evidence that there is a relationship between the likelihood of a Non-White motorist (a motorist who is African American/Black, Hispanic, or Other race) being stopped during the day as compared to darkness (and that there is a relationship between the likelihood of a White motorist being stopped during the day as compared to darkness). The results of this test for all stops indicates that White motorists are *more often* stopped in daylight than in darkness whereas Non-White motorists are *less often* stopped in daylight than in darkness.

The VoD logistic regression for 2021 for all ITP stops only (n = 191,831) was also statistically significant. Specifically, the odds ratio was .852. This means the odds that a stopped motorist is Non-White are 15% *lower in daylight* than in darkness. For the more robust statewide binary logistic regression analysis of ITP stops only, no support was shown for a pattern of racial disparity.

2021 Test for Disparities in Outcomes of Traffic Stops

As noted previously, this analytical tool is intended to test for disparities in the outcomes of traffic stops to determine whether Non-White motorists (a motorist who is African American/Black, Hispanic, or Other race) receive 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 race/ethnicity, based on total citations written. Results for 2021 are displayed in Table 3 below.

Table 3. 2021 Statewide Stop Outcomes by Race/Ethnicity

	Warning	Civil Citation	Criminal Citation	Arrest
African American/Black	64.2%	20.3%	13%	2.6%
Hispanic	57.0%	23.2%	16.7%	3.1%
White	69.9%	19.7%	8.2%	2.1%
Other	70.3%	24.5%	4.3%	0.9%
Chi-Square	.000*		sig	

As indicated in Table 3, the results indicate that motorists in the Other race category are most likely to receive a warning, followed by White motorists. Conversely, Hispanic motorists, followed by African American/Black motorists are least likely to receive a warning.

When it comes to receiving a *civil* citation, motorists in the Other race category were most likely to receive a civil citation, followed by Hispanic motorists. White motorists were least likely to receive a civil citation, followed by African American/Black motorists.

When it comes to receiving a *criminal* citation, Hispanic motorists, followed by African American/Black motorists are most likely to receive a criminal citation whereas motorists in the Other race category, followed by White motorists were least likely to receive a criminal citation.

When examining arrests by race/ethnicity, Hispanic motorists were most likely to be arrested, followed by African American/Black motorists. Conversely, motorists in the Other race category were least likely to be arrested, followed by White motorists.

Additionally, the chi-square test was statistically significant, which is taken as evidence that there is a relationship between race/ethnicity of the stopped motorist and the outcome of the stop (whether a motorist received a warning, citation, or is arrested). Although the chi-square test tells us there appears to be a statistically significant relationship between race/ethnicity of the stopped motorist and the outcome of the stop (and that relationship is NOT due to chance alone), that does not mean that the race/ethnicity of the stopped driver caused the specific stop outcome. There is a lot we do not know about the circumstances of the stop that could potentially influence its outcome(s). (Please see the *Limitations* section of this report for a detailed discussion about this and other limitations).

2021 Tests for Disparities in the Decision to Search

As explained previously, this analysis is intended to test for disparities in the decision to conduct discretionary searches. For agencies with *at least* 100 searches, this is presented as a percentage in the individual department analyses. For agencies with *less than* 100 searches, this is presented as a count in the individual department analyses. For example, are Non-White motorists (a motorist who is African American/Black, Hispanic, or Other race) more likely to be subject to discretionary searches than White motorists? The results for statewide non-inventory searches for 2021, based on total citations, are displayed in Table 4 below.

Table 4. 2021 Statewide Non-Inventory Searches by Race/Ethnicity

	# of Searches	% Within Race Subject to Search
Non-White	2,259	1.09%
White	2,898	0.70%
Total Searches	5,157	N/A
Chi-Square	.000*	sig

Less than 1% of statewide traffic citations in 2021 indicated a discretionary, non-inventory search (n = 5,157). It is very important to note that for stops with multiple violations, the data does not identify the “triggering” offense or the initial reason for the stop. The seriousness of the offense would likely be a factor in the law enforcement decision to conduct a discretionary search. Additionally, we also do not have any information on the stopped motorist’s behavior during the stop (e.g. the driver appeared to be hiding something), which would also likely be a factor in the law enforcement decision to conduct a search. Due to the small number of non-inventory searches that were conducted *and* the fact that we are not able to determine the initial reason for the stop, caution should be used in interpreting these results, especially for agencies that had less than 100 searches.

As Table 4 shows, the results indicate that Non-White motorists were more often subjected to a non-inventory, discretionary search. Specifically, the results show that while about .70% of White motorists were subjected to a non-inventory, discretionary search, 1.09% of Non-White motorists were subjected to a non-inventory, discretionary search.

The chi-square test tells us that there appears to be a statistically significant relationship between race/ethnicity of the stopped motorist and whether a non-inventory search is conducted (and that relationship is NOT due to chance alone), but that does not mean that the race/ethnicity of the stopped driver is the CAUSE of the search.

FINDINGS - 2022

The results of the statewide VoD analyses for 2022 for all stops and only stops during the ITP period are displayed in Table 5 below.

Table 5. 2022 Statewide Veil of Darkness Analysis, All Stops vs. ITP Stops

All stops (N = 675,916)			ITP stops only (N = 222,111)		
Race	Daylight	Darkness	Race	Daylight	Darkness
Non-White	31.8%	42.1%	Non-White	32.2%	35.2%
White	68.2%	57.9%	White	67.8%	64.8%
Chi-Square:	.000*	<i>sig.</i>	Chi-Square:	.000*	<i>sig.</i>
Odds ratio Exp(B):	.641*	<i>sig.</i>	Odds ratio Exp(B):	.862*	<i>sig.</i>

2022 Veil of Darkness Analysis (VoD): Statewide Analysis for All Stops

The chi-square test for the state as a whole for 2022 for all stops (n = 675,916) was statistically significant, which is taken as evidence that there is a relationship between the likelihood of a Non-White (a motorist who is African American/Black, Hispanic, or Other race) motorist being stopped during the day as compared to darkness (and that there is a relationship between the likelihood of a White motorist being stopped during the day as compared to darkness). The results of this test for all stops indicates that White motorists are *more often* stopped in daylight than in darkness whereas Non-White motorists are *less often* stopped in daylight than in darkness.

As previously noted, the Veil of Darkness (VoD analysis) also utilized the more robust logistic regression technique that tests whether the odds of Non-White traffic stops during daylight are significantly different from the odds of Non-White traffic stops during darkness.

The VoD logistic regression for 2022 for all stops statewide (n = 675,916) was also statistically significant. Specifically, the odds ratio was .641. This means the odds that a stopped motorist is Non-White are 36% *lower in daylight* than in darkness. For the statewide binary logistic regression analysis of all stops, no support was shown for a pattern of racial disparity.

2022 Veil of Darkness Analysis (VoD): Statewide Analysis for ITP Stops Only

The chi-square test for 2022 for the state as a whole for only ITP stops (n = 222,111) was statistically significant, which is taken as evidence that there is a relationship between the likelihood of a Non-White motorist (a motorist who is African American/Black, Hispanic, or Other race) being stopped during the day as compared to darkness (and that there is a relationship between the likelihood of a White motorist being stopped during the day as compared to darkness). The results of this test for all stops indicates that White motorists are *more often* stopped in daylight than in darkness whereas Non-White motorists are *less often* stopped in daylight than in darkness.

The VoD logistic regression for 2022 for all ITP stops only (n = 222,111) was also statistically significant. Specifically, the odds ratio was .862. This means the odds that a stopped motorist is Non-White are 14% *lower in daylight* than in darkness. For the statewide binary logistic regression analysis of all stops, no support was shown for a pattern of racial disparity.

2022 Test for Disparities in Outcomes of Traffic Stops

As noted previously, this analytical tool is intended to test for disparities in the outcomes of traffic stops to determine whether Non-White motorists (a motorist who is African

American/Black, Hispanic, or Other race) receive 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 race/ethnicity, based on total citations written. Results for 2022 are displayed in Table 6 below.

Table 6. 2022 Statewide Stop Outcomes by Race/Ethnicity

	Warning	Civil Citation	Criminal Citation	Arrest
African American/Black	64.7%	20.1%	12.9%	2.3%
Hispanic	57.2%	22.6%	17.1%	3.2%
White	71.3%	19.0%	7.7%	2.0%
Other	71.3%	23.6%	4.2%	0.9%
Chi-Square	.000*		sig	

As indicated in Table 6, the results indicate that motorists in the Other race category and White motorists are most likely to receive a warning. Conversely, Hispanic motorists, followed by African American/Black motorists are least likely to receive a warning.

When it comes to receiving a *civil* citation, motorists in the Other race category were most likely to receive a civil citation, followed by Hispanic motorists. White motorists were least likely to receive a civil citation, followed by African American/Black motorists.

When it comes to receiving a *criminal* citation, Hispanic motorists, followed by African American/Black motorists are most likely to receive a criminal citation whereas motorists in the Other race category, followed by White motorists were least likely to receive a criminal citation.

When examining arrests by race/ethnicity, Hispanic motorists were most likely to be arrested, followed by Black motorists. Conversely, motorists in the Other race category were least likely to be arrested, followed by White motorists.

Additionally, the chi-square test was statistically significant, which is taken as evidence that there is a relationship between race/ethnicity of the stopped motorist and the outcome of the stop (whether a motorist received a warning, citation, or is arrested). Although the chi-square test tells us that there appears to be a statistically significant relationship between race/ethnicity of the stopped motorist and the outcome of the stop (and that relationship is NOT due to chance alone), that doesn't mean that the race/ethnicity of the stopped driver causes the specific stop outcomes. There is a lot we do not know about the circumstances of the stop that could potentially influence its outcome(s). (Please see the *Limitations* section of this report for a detailed discussion about this and other limitations).

2022 Tests for Disparities in the Decision to Search

As explained previously, this analysis is intended to test for disparities in the decision to conduct discretionary searches. For agencies with *at least* 100 searches, this is presented as a percentage in the individual department analyses. For agencies with *less than* 100 searches, this is presented as a count in the individual department analyses. For example, are Non-White motorists (a motorist who is African American/Black, Hispanic, or Other race) more likely to be subject to discretionary searches than White motorists? The results for statewide non-inventory searches for 2022, based on total citations, are displayed in Table 7 below.

Table 7. 2022 Statewide Non-Inventory Searches by Race/Ethnicity

	# of Searches	% Within Race Subject to Search
Non-White	2,210	0.90%
White	2,657	0.58%
Total Searches	4,867	N/A
Chi-Square	.000*	sig

Again, less than 1% of traffic citations statewide indicated a discretionary, non-inventory search (n = 4,867). It is very important to note that for stops with multiple violations, the data does not identify the “triggering” offense or the initial reason for the stop. The seriousness of the offense would likely be a factor in the law enforcement decision to conduct a discretionary search. Additionally, we also do not have any information on the stopped motorist’s behavior during the stop (e.g. the driver appeared to be hiding something), which would also likely be a factor in the law enforcement decision to conduct a search. Due to the small number of non-inventory searches that were conducted *and* the fact that we are not able to determine the initial reason for the stop, caution should be used in interpreting these results, especially for agencies that had less than 100 searches.

As Table 7 shows, the results indicate that Non-White motorists were more often subjected to a non-inventory, discretionary search. Specifically, the results show that while about .58% of White motorists were subjected to a non-inventory, discretionary search, .90% of Non-White motorists were subjected to a non-inventory, discretionary search.

The chi-square test tells us that there appears to be a statistically significant relationship between race/ethnicity of the stopped motorist and whether a non-inventory search is conducted (and that relationship is NOT due to chance alone), but that does not mean the race/ethnicity of the stopped driver is the CAUSE of the search.

DISCUSSION & CONCLUSION

Limitations

There are several important limitations of the data and this data analysis that should be noted. In this section, we discuss the limitations of the data and the present study in detail.

1. Since the Massachusetts RMV does not collect data on race/ethnicity, the race/ethnicity of the motorist is the only motorist demographic variable that is based solely on the law enforcement officer's perception. Although officer perception of race/ethnicity is what *should* be used in an analysis of law enforcement stops examining racial/ethnic disparities for potential bias, it is important to note this limitation because of the possibility that an officer's perception of one's race/ethnicity may or may not be correct.
2. Relatedly, departments analyzed in this report were missing varying percentages of data on motorist race/ethnicity, either due to missing entries or officers entering "unknown" for this category, which cannot be interpreted. It is possible that in some instances, patterns of missingness impacted the validity of results.
3. The data only includes traffic stops that result in a formal, written warning or citation. The data does not include traffic stops where only a *verbal warning* is given. It would be particularly important to have data on verbal warnings to examine potential racial disparities in who is given a verbal warning and who is cited as these are often the violations that allow for the most discretion. In addition, some motorists may have had numerous prior contacts with law enforcement in that jurisdiction and have already been given prior verbal warnings and this is not captured in the data.

4. In cases where a motorist has multiple infractions, the data does not identify which of the infractions was the “triggering” offense, or the *reason for the stop*. This is important because certain types of traffic offenses are more discretionary (e.g. seat belt violations, equipment violations, etc.), and therefore potentially more likely to reflect an individual officer’s bias (McDevitt et al., 2014). Conversely, certain types of violations do not allow for law enforcement discretion. In particular, law enforcement officers are required to issue a citation for driving on a suspended license or driving an unregistered vehicle. This is important to note given that these infractions are oftentimes due to an inability to pay fines/fees and persons of color are disproportionately cited for these types of infractions. Specifically, regarding searches, the nature and seriousness of the triggering offense can impact the officer’s decision to search along with the motorist’s behavior (e.g., appearing to be hiding something, etc.).
5. The data does not include information regarding whether the stop was discretionary or if the stop was conducted due to a warrant or a dispatched call. Horrace and Rohlin (2016) discuss how they utilize *only* discretionary stops in their analysis because in those situations, law enforcement officers use their judgment to justify the traffic stop, and therefore, they excluded both warrant stops and dispatched calls in their analysis.
6. The data does not include any information on motorist behavior after being stopped nor do we have any data on the prior record or prior contacts with law enforcement for each motorist, which would be legitimate factors that would likely influence who gets a warning and who gets a citation as well as who gets searched.

7. The data does not include information on the outcome of a search (i.e. whether contraband was found or not). While we could partly rely on the variable that tells us whether an arrest was made or criminal citation was issued, that doesn't give us the full picture. Knowles, Persico and Todd (KPT) Hit-Rate Model (2001) examines whether the likelihood of a "successful" law enforcement search differs across racial/ethnic groups where success is defined as finding contraband. Not having this information eliminates the possibility of conducting a hit-rate analysis. Furthermore, searches were very rare, and with smaller numbers comes less reliable analyses and results. It is also possible that there are some searches that take place but are never recorded if there is no ticket issued. It could be that certain departments may be more likely to ask for consent to search than others. Lastly, it is also possible that some searches took place but are not recorded in this dataset because only a verbal warning was given *or* because a traffic stop resulted in an arrest and therefore an *inventory* search.
8. When considering the Veil of Darkness (VoD) analysis, it is also important to note that there are limitations regarding the extent to which the visibility of race is truly tied to the time of day. Lighting, speed and other factors (i.e. tinted windows, weather) can also impact the officer's ability to identify the race of the driver (RIPA Report, 2021). Additionally, VoD also cannot account for the potential impact of either neighborhood profiling or vehicle profiling. Grogger & Ridgeway (2006) note that neighborhood profiling, or deploying more patrol officers to neighborhoods of color in a greater proportion than is warranted on the basis of legitimate law enforcement objectives may result in racial differences in law enforcement exposure based on neighborhood (e.g.

over-policing structurally disadvantaged neighborhoods). Similarly, Ritter (2017) has suggested that law enforcement officers may be more likely to stop drivers of vehicles that are more commonly associated with people of color at night, although this hypothesis has never been validated in an empirical study.

9. When considering the Department-Level Data (stops by department) to Resident Population Demographics, caution should be used in interpreting these results since in the current study, only about 30% of the stopped motorists were residents of the community where the stop occurred. Workplaces, malls, landmarks, recreational facilities, and colleges within a community are just a few examples of draws that can greatly influence the driving population in a particular city/town. Establishing accurate benchmarks to compare stop patterns against driving patterns by race has proven to be a major challenge in racial profiling research.
10. When considering the Department-Level Data (stops by department) to the Statewide Average (*all* law enforcement stops in the entire state) it is important to note that the statewide average is highly influenced by the stop data from the larger cities as larger cities make up the largest volume of stops overall as well as by the Massachusetts State Police (MSP) who conducted 36% and 40% of all traffic stops in Massachusetts in 2021 and 2022, respectively.
11. As noted throughout the report, while the descriptive and associative statistical techniques presented can establish relationships, or correlations between variables (such as daylight conditions, race/ethnicity, citation and search outcomes), these patterns cannot be taken to represent causation. A standard caveat in all quantitative

research is that correlation does not equal causation. This is true in studying Massachusetts traffic stops/citations.

12. Given significant data limitations and the scope of this analysis, which examines several hundred Massachusetts law enforcement agencies and communities of various sizes, demographics, and geography, we can only present a cursory, nomothetic approach to understanding patterns of disparity. That is, only a handful of key variables can be studied across so many departments, when there are likely other factors that are not measured. More in-depth, case study-style analyses at the department level could provide needed context and better, more meaningful understanding. There is a (necessary) tradeoff between understanding a few factors that might play a role for all departments and understanding all possible factors that explain one department's case fully. The present study provides a starting point which individual departments may take and build upon to develop and pursue their own secondary analytical approaches.

Recommendations for the Future Study of Patterns of Disparity in Massachusetts Traffic

Stops

Future iterations of the Hands-Free Data Analysis and Report initiative can be improved by making key adjustments to data collection and methodology as well as the process through which report results are communicated with the public, police agencies, and other community stakeholders. Some of these improvements can be facilitated by encouraging additional feedback and involvement from the public.

Improving Data Collection and Analysis to Increase Study Validity

Below we discuss some recommendations to improve the data collection and analysis that may increase study validity. The Commonwealth and/or future researchers should:

1. Consider collecting data on all motor vehicle stops (not just those stops where a formal written warning or citation is given), including verbal warnings. Relatedly, consider collecting data on pedestrian stops.
2. Consider auditing a subsample of race identifications (and missing race classifications) as a validity check, as misidentification has emerged as an issue in other similar state-sponsored reports (see, for example Butera, 2023).
3. Consider collecting data on the outcome of a search (i.e. whether contraband was found or not) for a more robust analysis.
4. Consider identifying the “triggering offense,” or the initial reason for the stop in the data. Relatedly, consider collecting data on whether the stop was a) discretionary or b) reactive (including the result of a dispatched call or warrant). Knowing whether police had more or less discretion when deciding to stop or issue a citation is important to understanding potential patterns of disparity.
5. Consider collecting data on the number of prior stops motorists have experienced during a specific time period (e.g., the past year, etc.). In some cases, repeat offenders may be less likely to receive a warning (and more likely to receive a citation) based on prior driving history and/or previous warnings.
6. Continue developing new and innovative ways of measuring racial profiling, including establishment of valid baselines for analytical comparisons. Northeastern University

researchers, for instance, are pioneering ways to use cell phone data for this purpose (see Mello-Klein, 2023). This methodology could help increase the validity of future waves of this study.

Improving Process and Relevance of Data Analysis Results

Below are some recommendations to improve the Hands-Free Data Analysis and Report process and relevance of its data analysis results to ensure it has the most impact. The Commonwealth and/or future researchers should:

1. Solicit community feedback on future report designs and thresholds via a Steering Committee, including a consensus on how much disparity is too much and what specifically should get a department flagged for further analysis. Stakeholders can play a greater role in these steps, which may in turn increase buy-in, awareness of, understanding of, and perceived legitimacy of the report and its results to citizens, police, and local leaders.
2. Expand funding and staffing to support (post-report release). The Commonwealth can facilitate the following to increase report relevance and impact:
 - a. Offer technical assistance to departments with questions about their results, particularly those who are flagged on Veil of Darkness measures.
 - b. Develop clearer guidance to flagged departments on next steps for deeper analysis and opportunities for due process/counter analyses based on their own, likely richer data.
 - c. Develop clearer guidance to communities on how to use their results as a

starting point for reflection and discussion.

- d. Offer assistance to citizens and other stakeholders with questions about their city/town's results.
3. Encourage communities not to limit their focus to the Veil of Darkness (VoD) analysis alone, but rather consider all patterns and figures in their police agency's individual data sheet as a whole, and weigh to what degree they are meaningful on a case-by-case, or city-by-city basis. A one-size-fits-all threshold is less useful given the vast demographic and other differences between individual cities and towns. Individual communities, their leaders, and their police agencies should have a say in how much disparity is or is not a concern, and how best to respond to it.
 4. Consider expanding analyses to include a qualitative component. Given that this is a quantitative study, it is not capable of detecting the lived, emotional experiences of racial profiling some citizens may experience. What the numbers show and what individuals experience might not align. Therefore, the Commonwealth, researchers, and/or individual communities may wish to supplement our quantitative findings with local qualitative survey or interview results to gain a richer understanding of racial profiling from another perspective.

Strengths of Current Study

Despite its many limitations, there are also several strengths to the current data and present study that should be noted. In this section, we discuss the strengths of the data and the present study.

- 1. The new law (Chapter 122 of the Acts of 2019) requires more detailed information be collected about the stop and the motorist demographics than the previous law (Chapter 228 of the Acts of 2000).** Specifically, the new law requires the collection of the following information for each stop that the prior law did not require: information about the *time of the stop*, the *location of the stop* and the *age of the motorist* stopped. Information about the time of the stop was a particularly important piece of information to have because it allowed for the Veil of Darkness (VoD) analysis.
- 2. The new law also requires that the findings of the analyses be made publicly available and that at least three public hearings be held to accept public testimony on the findings of the analyses.** The sharing of the findings of the analyses shows transparency and allows for open discussion and collaboration between stakeholders, law enforcement, and the communities they serve to be able to understand and combat any racial disparities in traffic enforcement identified in the analyses.
- 3. In keeping with best practices, we utilized multiple different types of analyses to examine potential racial disparities.** Using multiple types of analyses allows for a more robust analysis and protects against the possibility that any single analysis could produce false positives or false negatives.
- 4. This year's format allows for comparison of trends across time.** This report is accessible and provides individual analyses for all communities in the state and for the state overall. The presentation is user friendly and concise yet provides a more detailed overview of state and city/town results than comparable reports.

Conclusion

This report serves as a starting point for further discussion on patterns of traffic enforcement in Massachusetts based on demographic factors like age, race/ethnicity, gender, location, and time of day. As previously stated, statistical analyses of aggregate, department-level data can only identify *disparities* in law enforcement-citizen interactions. There are many reasons why disparities may occur in law enforcement-citizen interactions and bias (both individual bias and institutional bias) is only one of many causes of them. The overall goal of this study is to learn more about potential patterns of disparities in traffic stops/citations for the purpose of providing an opportunity for reflection and understanding of the *causes* of these disparities and building or maintaining community trust, ultimately making us all safer.

Communities should recognize what this report can and cannot do. It can provide an overview of police agencies' traffic stop/citation patterns in an accessible format, considering demographic factors like age, race, gender, location, and time of day. It cannot offer proof of racial (or other) profiling, or its absence for that matter. It is instead a starting point for raising awareness and generating deeper conversation on this important social issue. Readers are encouraged to look at the bigger picture presented by either the Commonwealth's or their community's full menu of analyses and results, as which statistics matter more or less may vary considerably at the local level, and by audience. Perhaps note differences and similarities to neighboring states and/or cities/towns. With this information in hand, the next step is to collaboratively develop the right path forward for you, your community, and your police department.

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Appendix A Department-Level Analyses Explained

Important Notes:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7. Veil of Darkness (VoD) Analysis for All Stops – Several departments did not meet the minimum sample threshold of at least 100 citations during the combined 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*:³⁴

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

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

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

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

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

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

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

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2021 MUNICIPAL POLICE DEPARTMENTS

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 224	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		47.8%	Citations per 1000			
	Passing through:		52.2%	18 + residents:		25.2	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 182)				ITP Stops³ (N = 96)			
Mean age				Mean age			
33.21				33.29			
Gender %				Gender %			
Female		19.3%		Female		17.7%	
Male		80.7%		Male		82.3%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.1%				0.0%	
AA/Black		8.3%		AA/Black		7.3%	
Hispanic		1.7%		Hispanic		0.0%	
White		90.0%		White		92.7%	
Other		0.0%		Other		0.0%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.3%	0.1%	8.2%	AA/Black	8.3%	14.4%	-6.1%
Hispanic	1.7%	3.4%	-1.7%	Hispanic	1.7%	14.5%	-12.8%
White	90.0%	88.0%	2.0%	White	90.0%	66.4%	23.6%
Other	0.0%	4.7%	-4.7%	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	18	6.8%	15.4%	NW	7	5.4%	11.4%
White	148	93.2%	84.6%	White	84	94.6%	88.6%
Chi-square, X-tab ⁶ :		.076	not sig.	Chi-square, X-tab ⁶ :		.290	not sig.
Odds ratio Exp(B) ⁷ :		.250*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	29.4%	0.0%	47.1%	23.5%	NW	1	N/A
Hispanic	0.0%	0.0%	33.3%	66.7%	White	2	N/A
White	36.8%	10.0%	44.3%	9.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.019* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

Total Citations ¹ : 318	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 36.6%			Citations per 1000			
	Passing through: 63.4%			18 + residents: 47.9			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 235)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
37.2				N/A			
Gender %				Gender %			
Female 41.4%				Female N/A			
Male 58.6%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 6.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 6.3%				AA/Black N/A			
Hispanic 1.4%				Hispanic N/A			
White 90.5%				White N/A			
Other 1.8%				Other N/A			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.3%	0.9%	5.4%	AA/Black	6.3%	14.4%	-8.1%
Hispanic	1.4%	1.5%	-0.1%	Hispanic	1.4%	14.5%	-13.1%
White	90.5%	95.4%	-4.9%	White	90.5%	66.4%	24.1%
Other	1.8%	2.3%	-0.5%	Other	1.8%	4.6%	-2.8%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	7.2%	11.9%	NW	N/A	N/A	N/A
White	179	92.8%	88.1%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.324	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.596	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	33.3%	16.7%	50.0%	0.0%	NW	0	N/A
Hispanic	0.0%	0.0%	100.0%	0.0%	White	3	N/A
White	60.1%	14.8%	22.9%	2.2%			
Other	60.0%	40.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.003* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.4%	4.9%	24.4%	10.2%	NW	23	N/A
Hispanic	55.8%	1.3%	26.6%	16.2%	White	37	N/A
White	84.2%	4.0%	7.6%	4.1%			
Other	84.3%	4.1%	8.7%	2.9%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 211	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		8.4%	Citations per 1000			
	Passing through:		91.6%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 190)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
36.26				N/A			
Gender %				Gender %			
Female		36.5%		Female		N/A	
Male		63.5%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race	%	Mis/Unk ⁴	1.6%	Race	%	Mis/Unk ⁴	N/A
AA/Black		2.1%		AA/Black		N/A	
Hispanic		7.0%		Hispanic		N/A	
White		89.3%		White		N/A	
Other		1.6%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.1%	N/A	N/A	AA/Black	2.1%	14.4%	-12.3%
Hispanic	7.0%	N/A	N/A	Hispanic	7.0%	14.5%	-7.5%
White	89.3%	N/A	N/A	White	89.3%	66.4%	22.9%
Other	1.6%	N/A	N/A	Other	1.6%	4.6%	-3.0%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	7.4%	17.2%	NW	N/A	N/A	N/A
White	161	92.6%	82.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.044* sig.		Chi-square, X-tab ⁶ :		N/A N/A	
Odds ratio Exp(B) ⁷ :		.354* sig.		Odds ratio Exp(B) ⁷ :		N/A N/A	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.0%	0.0%	25.0%	0.0%	NW	0	N/A
Hispanic	64.3%	28.6%	7.1%	0.0%	White	2	N/A
White	58.6%	29.6%	10.2%	1.6%			
Other	66.7%	33.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.960 not sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ATHOL POLICE DEPARTMENT

Total Citations ¹ : 283	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		46.0%	Citations per 1000 18 + residents: 30.1					
	Passing through:		54.0%						
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops² (N = 189)				ITP Stops³ (N = 60)					
Mean age				Mean age					
39.48				39.27					
Gender %				Gender %					
Female		33.7%		Female		31.0%			
Male		66.3%		Male		69.0%			
Non-binary		0.0%		Non-binary		0.0%			
Race %		Mis/Unk ⁴	5.8%	Race %		Mis/Unk ⁴	6.7%		
AA/Black		1.7%		AA/Black		1.8%			
Hispanic		3.4%		Hispanic		5.4%			
White		93.8%		White		91.1%			
Other		1.1%		Other		1.8%			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		1.7%	1.1%	0.6%	AA/Black		1.7%	14.4%	-12.7%
Hispanic		3.4%	5.4%	-2.0%	Hispanic		3.4%	14.5%	-11.1%
White		93.8%	90.1%	3.7%	White		93.8%	66.4%	27.4%
Other		1.1%	3.6%	-2.5%	Other		1.1%	4.6%	-3.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
VoD Analyses									
All Stops ²				ITP Stops ³					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		N/A	N/A	N/A	NW		N/A	N/A	N/A
White		N/A	N/A	N/A	White		N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A	Odds ratio Exp(B) ⁷ :	
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A		
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race⁸									
		Warning	Civil	Criminal	Arrest		Search?		
AA/Black		50.0%	0.0%	50.0%	0.0%	NW	1	N/A	
Hispanic		33.3%	0.0%	66.7%	0.0%	White	9	N/A	
White		64.0%	9.7%	20.2%	6.2%				
Other		66.7%	33.3%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab ⁶ : .181 not sig.									
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	67.4%	14.9%	12.7%	5.0%	NW	2	
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 ⁶ : .000* sig.						Counts	Percent

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Total Citations ¹ : 159	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		10.5%	Citations per 1000			
	Passing through:		89.5%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 143)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
40.92				N/A			
Gender %				Gender %			
Female		26.8%		Female		N/A	
Male		73.2%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race	%	Mis/Unk ⁴	0.7%	Race	%	Mis/Unk ⁴	N/A
AA/Black		7.7%		AA/Black		N/A	
Hispanic		2.1%		Hispanic		N/A	
White		89.4%		White		N/A	
Other		0.7%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.7%	N/A	N/A	AA/Black	7.7%	14.4%	-6.7%
Hispanic	2.1%	N/A	N/A	Hispanic	2.1%	14.5%	-12.4%
White	89.4%	N/A	N/A	White	89.4%	66.4%	23.0%
Other	0.7%	N/A	N/A	Other	0.7%	4.6%	-3.9%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	14	10.3%	11.4%	NW	N/A	N/A	N/A
White	117	89.7%	88.6%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.859	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.943	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	8.3%	41.7%	50.0%	0.0%	NW	0	N/A
Hispanic	25.0%	50.0%	25.0%	0.0%	White	0	N/A
White	58.9%	22.7%	15.6%	2.8%			
Other	0.0%	0.0%	0.0%	100.0%		Counts	Percent
Chi-square, X-tab ⁶ :		024*	sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 171	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 9.6%			Citations per 1000			
	Passing through: 90.4%			18 + residents: 8.8			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 114)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
43.07				N/A			
Gender %				Gender %			
Female 33.3%				Female N/A			
Male 65.8%				Male N/A			
Non-binary 0.9%				Non-binary N/A			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.8%				N/A	
AA/Black 8.9%				AA/Black N/A			
Hispanic 7.1%				Hispanic N/A			
White 75.0%				White N/A			
Other 8.9%				Other N/A			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.9%	1.5%	7.4%	AA/Black	8.9%	14.4%	-5.5%
Hispanic	7.1%	4.3%	2.8%	Hispanic	7.1%	14.5%	-7.4%
White	75.0%	73.2%	1.8%	White	75.0%	66.4%	8.6%
Other	8.9%	21.3%	-12.4%	Other	8.9%	4.6%	4.3%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	14.3%	28.6%	7.1%	NW	0	N/A
Hispanic	38.5%	15.4%	46.2%	0.0%	White	0	N/A
White	69.8%	10.1%	14.7%	5.4%			
Other	91.7%	0.0%	8.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .098 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

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

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

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

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

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

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	85.4%	7.3%	7.3%	0.0%	NW	0	N/A
Hispanic	65.1%	14.2%	20.1%	0.6%	White	2	N/A
White	85.1%	8.7%	6.1%	0.1%			
Other	82.6%	8.7%	8.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 167	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		18.5%	Citations per 1000			
	Passing through:		81.5%	18 + residents:		23.1	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 135)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
36.17				N/A			
Gender %				Gender %			
Female		33.6%		Female		N/A	
Male		66.4%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		2.2%				N/A	
AA/Black		9.8%		AA/Black		N/A	
Hispanic		1.5%		Hispanic		N/A	
White		87.1%		White		N/A	
Other		1.5%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.8%	1.2%	8.6%	AA/Black	9.8%	14.4%	-4.6%
Hispanic	1.5%	2.4%	-0.9%	Hispanic	1.5%	14.5%	-13.0%
White	87.1%	93.5%	-6.4%	White	87.1%	66.4%	20.7%
Other	1.5%	3.1%	-1.6%	Other	1.5%	4.6%	-3.1%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	11.5%	18.2%	NW	N/A	N/A	N/A
White	105	88.5%	81.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.309	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.379	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	31.3%	18.8%	50.0%	0.0%	NW	0	N/A
Hispanic	16.7%	0.0%	83.3%	0.0%	White	1	N/A
White	32.4%	31.7%	29.5%	6.5%			
Other	50.0%	0.0%	50.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.214	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 216	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		11.4%	Citations per 1000			
	Passing through:		88.6%	18 + residents: 47.9			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 212)			ITP Stops³ (N = N/A)				
Mean age			Mean age				
35.44			N/A				
Gender %			Gender %				
Female 22.4%			Female N/A				
Male 77.6%			Male N/A				
Non-binary 0.0%			Non-binary N/A				
Race % Mis/Unk ⁴ 7.5%			Race % Mis/Unk ⁴ N/A				
AA/Black 8.2%			AA/Black N/A				
Hispanic 7.7%			Hispanic N/A				
White 79.1%			White N/A				
Other 5.1%			Other N/A				
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.2%	0.7%	7.5%	AA/Black	8.2%	14.4%	-6.2%
Hispanic	7.7%	5.1%	2.6%	Hispanic	7.7%	14.5%	-6.8%
White	79.1%	73.4%	5.7%	White	79.1%	66.4%	12.7%
Other	5.1%	21.1%	-16.0%	Other	5.1%	4.6%	0.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	40	20.4%	23.3%	NW	N/A	N/A	N/A
White	152	79.6%	76.6%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.714	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.985	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	17.6%	35.3%	35.3%	11.8%	NW	0	N/A
Hispanic	26.7%	6.7%	60.0%	6.7%	White	0	N/A
White	42.4%	19.6%	34.2%	3.8%			
Other	70.0%	30.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.036* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BOXFORD POLICE DEPARTMENT

Total Citations ¹ : 328	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		8.2%	Citations per 1000		
	Passing through:		91.8%	18 + residents:		53
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 319)			ITP Stops³ (N = 148)			
Mean age			Mean age			
38.21			37.62			
Gender %			Gender %			
Female		29.2%	Female		24.4%	
Male		70.8%	Male		75.6%	
Non-binary		0.0%	Non-binary		0.0%	
Race %		Mis/Unk⁴ 35.4%	Race %		Mis/Unk⁴ 34.5%	
AA/Black		0.5%	AA/Black		8.2%	
Hispanic		4.9%	Hispanic		1.0%	
White		94.2%	White		90.7%	
Other		0.5%	Other		0.0%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	0.5%	0.0%	0.5%	AA/Black	0.5%	14.4%
Hispanic	4.9%	2.5%	2.4%	Hispanic	4.9%	14.5%
White	94.2%	93.0%	1.2%	White	94.2%	66.4%
Other	0.5%	5.8%	-5.3%	Other	0.5%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	50.0%	0.0%	50.0%	0.0%	NW	0
Hispanic	90.0%	0.0%	10.0%	0.0%	White	1
White	75.8%	17.2%	5.6%	1.5%		
Other	100.0%	0.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ : .384 not sig.						
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BRIMFIELD POLICE DEPARTMENT

Total Citations ¹ : 199	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		8.2%	Citations per 1000		
	Passing through:		91.8%	18 + residents:		N/A
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 194)				ITP Stops³ (N = 105)		
Mean age				Mean age		
36.99				39.72		
Gender %				Gender %		
Female		35.3%		Female		35.9%
Male		64.7%		Male		64.1%
Non-binary		0.0%		Non-binary		0.0%
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		4.1%				3.8%
AA/Black		3.8%		AA/Black		2.0%
Hispanic		3.8%		Hispanic		4.0%
White		92.5%		White		94.1%
Other		0.0%		Other		0.0%
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	3.8%	N/A	N/A	AA/Black	3.8%	14.4%
Hispanic	3.8%	N/A	N/A	Hispanic	3.8%	14.5%
White	92.5%	N/A	N/A	White	92.5%	66.4%
Other	0.0%	N/A	N/A	Other	0.0%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	57.1%	14.3%	28.6%	0.0%	NW	1
Hispanic	100.0%	0.0%	0.0%	0.0%	White	2
White	64.4%	22.6%	11.3%	1.7%		
Other	100.0%	0.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.426	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 202	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		12.8%	Citations per 1000			
	Passing through:		87.2%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 196)			ITP Stops³ (N = 116)				
Mean age			Mean age				
36.02			37.4				
Gender %			Gender %				
Female 40.5%			Female 42.2%				
Male 59.5%			Male 57.8%				
Non-binary 0.0%			Non-binary 0.0%				
Race % Mis/Unk ⁴ 1.5%			Race % Mis/Unk ⁴ 0.9%				
AA/Black 4.7%			AA/Black 4.3%				
Hispanic 5.2%			Hispanic 4.3%				
White 89.6%			White 90.4%				
Other 0.5%			Other 0.9%				
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.7%	N/A	N/A	AA/Black	4.7%	14.4%	-9.7%
Hispanic	5.2%	N/A	N/A	Hispanic	5.2%	14.5%	-9.3%
White	89.6%	N/A	N/A	White	89.6%	66.4%	23.2%
Other	0.5%	N/A	N/A	Other	0.5%	4.6%	-4.1%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	18	8.1%	13.8%	NW	N/A	N/A	N/A
White	163	91.9%	86.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.235	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.566	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	30.0%	20.0%	0.0%	NW	0	N/A
Hispanic	70.0%	10.0%	20.0%	0.0%	White	0	N/A
White	77.5%	8.4%	10.7%	3.4%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.538	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BUCKLAND POLICE DEPARTMENT

Total Citations ¹ : 213	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		13.2%	Citations per 1000		
	Passing through:		86.8%	18 + residents:		N/A
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops²			(N = 208)			ITP Stops³
Mean age			Mean age			(N = N/A)
43.43			N/A			
Gender %			Gender %			
Female		44.9%	Female		N/A	
Male		55.1%	Male		N/A	
Non-binary		0.0%	Non-binary		N/A	
Race %		Mis/Unk ⁴	Race %		Mis/Unk ⁴	N/A
AA/Black		2.4%	AA/Black		N/A	
Hispanic		1.5%	Hispanic		N/A	
White		96.1%	White		N/A	
Other		0.0%	Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg
AA/Black	2.4%	N/A	N/A	AA/Black	2.4%	14.4%
Hispanic	1.5%	N/A	N/A	Hispanic	1.5%	14.5%
White	96.1%	N/A	N/A	White	96.1%	66.4%
Other	0.0%	N/A	N/A	Other	0.0%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight
NW	N/A	N/A	N/A	NW	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	80.0%	0.0%	20.0%	0.0%	NW	1
Hispanic	100.0%	0.0%	0.0%	0.0%	White	0
White	89.2%	5.4%	5.4%	0.0%		
Other	0.0%	0.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.642	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 148	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		30.0%	Citations per 1000			
	Passing through:		70.0%	18 + residents:		16	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 100)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
38.78				N/A			
Gender %				Gender %			
Female		45.9%		Female		N/A	
Male		54.1%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		2.0%				N/A	
AA/Black		6.1%		AA/Black		N/A	
Hispanic		1.0%		Hispanic		N/A	
White		91.8%		White		N/A	
Other		1.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.1%	0.5%	5.6%	AA/Black	6.1%	14.4%	-8.3%
Hispanic	1.0%	2.4%	-1.4%	Hispanic	1.0%	14.5%	-13.5%
White	91.8%	92.5%	-0.7%	White	91.8%	66.4%	25.4%
Other	1.0%	3.3%	-2.3%	Other	1.0%	4.6%	-3.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	30.8%	15.4%	53.8%	0.0%	NW	0	N/A
Hispanic	0.0%	0.0%	100.0%	0.0%	White	3	N/A
White	55.0%	17.8%	23.5%	3.9%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .371 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 117	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		18.0%	Citations per 1000					
	Passing through:		82.0%	18 + residents:		19.6			
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops² (N = 90)				ITP Stops³ (N = N/A)					
Mean age				Mean age					
35.39				N/A					
Gender %				Gender %					
Female		24.7%		Female		N/A			
Male		75.3%		Male		N/A			
Non-binary		0.0%		Non-binary		N/A			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴			
		1.1%				N/A			
AA/Black		4.5%		AA/Black		N/A			
Hispanic		4.5%		Hispanic		N/A			
White		91.0%		White		N/A			
Other		0.0%		Other		N/A			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		4.5%	1.4%	3.1%	AA/Black		4.5%	14.4%	-9.9%
Hispanic		4.5%	1.3%	3.2%	Hispanic		4.5%	14.5%	-10.0%
White		91.0%	95.1%	-4.1%	White		91.0%	66.4%	24.6%
Other		0.0%	3.0%	-3.0%	Other		0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
VoD Analyses									
All Stops²				ITP Stops³					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		N/A	N/A	N/A	NW		N/A	N/A	N/A
White		N/A	N/A	N/A	White		N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A	Odds ratio Exp(B) ⁷ :	
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A		
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race⁸									
	Warning	Civil	Criminal	Arrest	NW	Search?			
AA/Black	25.0%	37.5%	25.0%	12.5%	White	0	N/A		
Hispanic	50.0%	0.0%	33.3%	16.7%		2	N/A		
White	36.3%	29.4%	24.5%	9.8%		Counts	Percent		
Other	100.0%	0.0%	0.0%	0.0%					
Chi-square, X-tab ⁶ :		.804	not sig.						
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 177	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Citations per 1000			
	Passing through:		N/A	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 138)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
36.75				N/A			
Gender %				Gender %			
Female		27.0%		Female		N/A	
Male		72.3%		Male		N/A	
Non-binary		0.7%		Non-binary		N/A	
Race %		Mis/Unk 15.9%		Race %		Mis/Unk ⁴ N/A	
AA/Black		7.8%		AA/Black		N/A	
Hispanic		12.9%		Hispanic		N/A	
White		78.4%		White		N/A	
Other		0.9%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.8%	3.4%	4.4%	AA/Black	7.8%	14.4%	-6.6%
Hispanic	12.9%	19.7%	-6.8%	Hispanic	12.9%	14.5%	-1.6%
White	78.4%	74.9%	3.5%	White	78.4%	66.4%	12.0%
Other	0.9%	4.8%	-3.9%	Other	0.9%	4.6%	-3.7%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	24	25.0%	20.4%	NW	N/A	N/A	N/A
White	81	75.0%	79.6%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.576	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.137	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	46.2%	15.4%	30.8%	7.7%	NW	0	N/A
Hispanic	16.7%	12.5%	50.0%	20.8%	White	0	N/A
White	34.8%	23.2%	33.9%	8.0%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.182	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 249	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		8.2%	Citations per 1000			
	Passing through:		91.8%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 245)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
40.72				N/A			
Gender %				Gender %			
Female		30.7%		Female		N/A	
Male		69.3%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴ 4.5%		Race %		Mis/Unk ⁴ N/A	
AA/Black		3.0%		AA/Black		N/A	
Hispanic		0.9%		Hispanic		N/A	
White		96.2%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.0%	N/A	N/A	AA/Black	3.0%	14.4%	-11.4%
Hispanic	0.9%	N/A	N/A	Hispanic	0.9%	14.5%	-13.6%
White	96.2%	N/A	N/A	White	96.2%	66.4%	29.8%
Other	0.0%	N/A	N/A	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	42.8%	28.6%	28.6%	0.0%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	17	N/A
White	59.8%	29.7%	10.0%	0.4%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .684 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 128	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		30.3%	Citations per 1000 18 + residents: 23.5			
	Passing through:		69.7%				
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 99)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
35.73				N/A			
Gender %				Gender %			
Female		40.8%		Female		N/A	
Male		59.2%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		6.1%				N/A	
AA/Black		8.6%		AA/Black		N/A	
Hispanic		1.1%		Hispanic		N/A	
White		89.2%		White		N/A	
Other		1.1%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.6%	0.1%	8.5%	AA/Black	8.6%	14.4%	-5.8%
Hispanic	1.1%	2.1%	-1.0%	Hispanic	1.1%	14.5%	-13.4%
White	89.2%	95.4%	-6.2%	White	89.2%	66.4%	22.8%
Other	1.1%	2.2%	-1.1%	Other	1.1%	4.6%	-3.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	22.2%	22.2%	55.6%	0.0%	NW	0	N/A
Hispanic	0.0%	100.0%	0.0%	0.0%	White	1	N/A
White	68.5%	8.1%	21.6%	1.8%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.031* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	64.4%	7.6%	23.2%	4.8%	NW	4	N/A
Hispanic	52.2%	10.4%	34.1%	3.2%	White	1	N/A
White	77.2%	10.9%	9.0%	2.9%			
Other	88.2%	7.8%	3.9%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 272	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		5.5%	Citations per 1000					
	Passing through:		94.5%	18 + residents: N/A					
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops² (N = 254)			ITP Stops³ (N = N/A)						
Mean age			Mean age						
36.37			N/A						
Gender %			Gender %						
Female 38.1%			Female N/A						
Male 61.9%			Male N/A						
Non-binary 0.0%			Non-binary N/A						
Race % Mis/Unk ⁴ 2.4%			Race % Mis/Unk ⁴ N/A						
AA/Black 7.3%			AA/Black N/A						
Hispanic 1.2%			Hispanic N/A						
White 88.7%			White N/A						
Other 2.8%			Other N/A						
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵					
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif			
AA/Black	7.3%	N/A	N/A	AA/Black	7.3%	14.4%	-7.1%		
Hispanic	1.2%	N/A	N/A	Hispanic	1.2%	14.5%	-13.3%		
White	88.7%	N/A	N/A	White	88.7%	66.4%	22.3%		
Other	2.8%	N/A	N/A	Other	2.8%	4.6%	-1.8%		
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
VoD Analyses									
All Stops²				ITP Stops³					
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness		
NW	21	10.1%	10.9%	NW	N/A	N/A	N/A		
White	180	89.9%	89.1%	White	N/A	N/A	N/A		
Chi-square, X-tab ⁶ :			.857	not sig.		Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :			1.020	not sig.		Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race⁸									
	Warning	Civil	Criminal	Arrest		Search?			
AA/Black	47.4%	10.5%	36.8%	5.3%	NW	1	N/A		
Hispanic	66.7%	0.0%	33.3%	0.0%	White	2	N/A		
White	61.6%	17.7%	17.3%	3.4%					
Other	57.1%	42.9%	0.0%	0.0%		Counts	Percent		
Chi-square, X-tab ⁶ :			.345	not sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

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

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

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

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

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

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

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

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

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

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

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

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

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	74.1%	3.6%	20.5%	1.8%	NW	0	N/A
Hispanic	27.3%	18.2%	45.5%	9.1%	White	4	N/A
White	75.8%	4.0%	14.6%	5.6%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .013* sig.							

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

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT DIGHTON POLICE DEPARTMENT

Total Citations ¹ : 270	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		23.3%	Citations per 1000 18 + residents: 42.1		
	Passing through:		76.7%			
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 245)				ITP Stops³ (N = N/A)		
Mean age				Mean age		
35.6				N/A		
Gender %				Gender %		
Female		38.8%		Female		N/A
Male		61.2%		Male		N/A
Non-binary		0.0%		Non-binary		N/A
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		6.5%				N/A
AA/Black		8.3%		AA/Black		N/A
Hispanic		3.1%		Hispanic		N/A
White		88.6%		White		N/A
Other		1.1%		Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	8.3%	3.1%	5.2%	AA/Black	8.3%	14.4%
Hispanic	3.1%	0.4%	2.7%	Hispanic	3.1%	14.5%
White	88.6%	92.0%	-3.4%	White	88.6%	66.4%
Other	1.1%	2.1%	-1.0%	Other	1.1%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	40.0%	15.0%	40.0%	5.0%	NW	0
Hispanic	37.5%	12.5%	50.0%	0.0%	White	0
White	51.8%	19.5%	26.1%	2.7%		
Other	0.0%	0.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.616 not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 256	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		15.9%	Citations per 1000 18 + residents: 67.8			
	Passing through:		84.1%				
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 226)				ITP Stops³ (N = 104)			
Mean age				Mean age			
36.5				37.02			
Gender %				Gender %			
Female		38.5%		Female		34.6%	
Male		61.5%		Male		65.4%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 0.9%		Race %		Mis/Unk ⁴ 0.0%	
AA/Black		7.1%		AA/Black		7.7%	
Hispanic		4.9%		Hispanic		3.8%	
White		83.6%		White		81.7%	
Other		4.4%		Other		6.7%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.1%	0.0%	7.1%	AA/Black	7.1%	14.4%	-7.3%
Hispanic	4.9%	3.1%	1.8%	Hispanic	4.9%	14.5%	-9.6%
White	83.6%	84.8%	-1.2%	White	83.6%	66.4%	17.2%
Other	4.4%	12.4%	-8.0%	Other	4.4%	4.6%	-0.2%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	14.7%	18.6%	NW	N/A	N/A	N/A
White	181	85.3%	81.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.484	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.641	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.0%	18.8%	6.3%	0.0%	NW	0	N/A
Hispanic	41.7%	0.0%	58.3%	0.0%	White	0	N/A
White	70.6%	15.9%	9.3%	4.2%			
Other	90.9%	9.1%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 765	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		28.5%	Citations per 1000					
	Passing through:		71.5%	18 + residents: 64.3					
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops² (N = 732)			ITP Stops³ (N = 213)						
Mean age			Mean age						
38.37			36.11						
Gender %			Gender %						
Female 35.6%			Female 28.9%						
Male 64.3%			Male 70.6%						
Non-binary 0.1%			Non-binary 0.5%						
Race % Mis/Unk ⁴ 2.0%			Race % Mis/Unk ⁴ 1.4%						
AA/Black 4.5%			AA/Black 3.3%						
Hispanic 2.5%			Hispanic 3.3%						
White 92.5%			White 93.3%						
Other 0.6%			Other 0.0%						
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵					
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif			
AA/Black	4.5%	0.8%	3.7%	AA/Black	4.5%	14.4%	-9.9%		
Hispanic	2.5%	0.9%	1.6%	Hispanic	2.5%	14.5%	-12.0%		
White	92.5%	95.5%	-3.0%	White	92.5%	66.4%	26.1%		
Other	0.6%	2.9%	-2.3%	Other	0.6%	4.6%	-4.0%		
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
VoD Analyses									
All Stops ²				ITP Stops ³					
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness		
NW	53	8.2%	6.4%	NW	N/A	N/A	N/A		
White	630	91.8%	93.6%	White	N/A	N/A	N/A		
Chi-square, X-tab ⁶ :			.439	not sig.		Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :			1.231	not sig.		Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race⁸									
	Warning	Civil	Criminal	Arrest		Search?			
AA/Black	59.4%	15.6%	25.0%	0.0%	NW	0	N/A		
Hispanic	55.0%	5.0%	40.0%	0.0%	White	4	N/A		
White	70.8%	14.3%	12.7%	2.2%					
Other	50.0%	25.0%	0.0%	25.0%		Counts	Percent		
Chi-square, X-tab ⁶ :			.001*	sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 957	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		8.5%	Citations per 1000 18 + residents: N/A			
	Passing through:		91.5%				
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 938)				ITP Stops³ (N = 366)			
Mean age				Mean age			
38.94				39.29			
Gender %				Gender %			
Female		46.4%		Female		47.0%	
Male		53.4%		Male		52.5%	
Non-binary		0.2%		Non-binary		0.5%	
Race %		Mis/Unk ⁴ 4.2%		Race %		Mis/Unk ⁴ 4.4%	
AA/Black		3.3%		AA/Black		1.7%	
Hispanic		4.0%		Hispanic		4.3%	
White		92.1%		White		93.1%	
Other		0.6%		Other		0.9%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.3%	N/A	N/A	AA/Black	3.3%	14.4%	-11.1%
Hispanic	4.0%	N/A	N/A	Hispanic	4.0%	14.5%	-10.5%
White	92.1%	N/A	N/A	White	92.1%	66.4%	25.7%
Other	0.6%	N/A	N/A	Other	0.6%	4.6%	-4.0%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	68	7.0%	10.7%	NW	21	7.2%	6.0%
White	788	93.0%	89.3%	White	290	92.8%	94.0%
Chi-square, X-tab ⁶ :		.084 not sig.		Chi-square, X-tab ⁶ :		.697 not sig.	
Odds ratio Exp(B) ⁷ :		.511* sig.		Odds ratio Exp(B) ⁷ :		.386 not sig.	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.1%	0.0%	6.3%	15.6%	NW	6	N/A
Hispanic	65.8%	13.2%	10.5%	10.5%	White	28	N/A
White	89.6%	4.4%	3.1%	3.0%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

Total Citations ¹ : 233	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		26.9%	Citations per 1000		
	Passing through:		73.1%	18 + residents: 18.4		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 201)				ITP Stops³ (N = N/A)		
Mean age				Mean age		
37.1				N/A		
Gender %				Gender %		
Female		37.6%		Female		N/A
Male		62.4%		Male		N/A
Non-binary		0.0%		Non-binary		N/A
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		4.0%				N/A
AA/Black		17.1%		AA/Black		N/A
Hispanic		1.6%		Hispanic		N/A
White		78.8%		White		N/A
Other		2.6%		Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	17.1%	4.7%	12.4%	AA/Black	17.1%	14.4% 2.7%
Hispanic	1.6%	3.9%	-2.3%	Hispanic	1.6%	14.5% -12.9%
White	78.8%	85.3%	-6.5%	White	78.8%	66.4% 12.4%
Other	2.6%	6.2%	-3.6%	Other	2.6%	4.6% -2.0%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops²				ITP Stops³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	37	17.2%	30.8%	NW	N/A	N/A N/A
White	137	82.8%	69.2%	White	N/A	N/A N/A
Chi-square, X-tab ⁶ :		.045*	sig.	Chi-square, X-tab ⁶ :		N/A N/A
Odds ratio Exp(B) ⁷ :		.632	not sig.	Odds ratio Exp(B) ⁷ :		N/A N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	48.7%	10.3%	35.9%	5.1%	NW	2 N/A
Hispanic	66.7%	0.0%	33.3%	0.0%	White	6 N/A
White	61.2%	12.4%	19.1%	7.3%		
Other	100.0%	0.0%	0.0%	0.0%		Counts Percent
Chi-square, X-tab ⁸ :		.391	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

Total Citations ¹ : 149	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		28.3%	Citations per 1000			
	Passing through:		71.7%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 99)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
35.67				N/A			
Gender %				Gender %			
Female		29.5%		Female		N/A	
Male		70.5%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		5.1%				N/A	
AA/Black		9.6%		AA/Black		N/A	
Hispanic		1.1%		Hispanic		N/A	
White		87.2%		White		N/A	
Other		2.1%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.6%	N/A	N/A	AA/Black	9.6%	14.4%	-4.8%
Hispanic	1.1%	N/A	N/A	Hispanic	1.1%	14.5%	-13.4%
White	87.2%	N/A	N/A	White	87.2%	66.4%	20.8%
Other	2.1%	N/A	N/A	Other	2.1%	4.6%	-2.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	33.3%	33.3%	22.2%	11.1%	NW	0	N/A
Hispanic	0.0%	0.0%	0.0%	100.0%	White	4	N/A
White	31.0%	20.2%	34.1%	14.7%			
Other	66.7%	0.0%	33.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.420 not sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

Total Citations ¹ : 355	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		12.0%	Citations per 1000			
	Passing through:		88.0%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 350)				ITP Stops³ (N = 161)			
Mean age				Mean age			
36.71				36.68			
Gender %				Gender %			
Female		36.2%		Female		35.2%	
Male		63.5%		Male		64.2%	
Non-binary		0.3%		Non-binary		0.6%	
Race %		Mis/Unk ⁴ 2.9%		Race %		Mis/Unk ⁴ 3.7%	
AA/Black		2.1%		AA/Black		2.6%	
Hispanic		2.6%		Hispanic		0.0%	
White		95.3%		White		94.2%	
Other		0.0%		Other		3.2%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.1%	N/A	N/A	AA/Black	2.1%	14.4%	-12.3%
Hispanic	2.6%	N/A	N/A	Hispanic	2.6%	14.5%	-11.9%
White	95.3%	N/A	N/A	White	95.3%	66.4%	28.9%
Other	0.0%	N/A	N/A	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	15	3.8%	6.0%	NW	N/A	N/A	N/A
White	294	96.3%	94.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.349	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.499	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	14.3%	57.1%	14.3%	14.3%	NW	0	N/A
Hispanic	0.0%	0.0%	0.0%	0.0%	White	0	N/A
White	13.7%	60.5%	20.4%	5.5%			
Other	0.0%	88.9%	0.0%	11.1%		Counts	Percent
Chi-square, X-tab ⁶ :		.454	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

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

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

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

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

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

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

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

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

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

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

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

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

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	41.7%	30.6%	22.2%	5.6%	NW	7	N/A
Hispanic	33.3%	35.9%	17.9%	12.8%	White	21	N/A
White	32.8%	39.0%	21.4%	6.8%			
Other	30.0%	30.0%	20.0%	20.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.767	<i>not sig.</i>				

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

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

Total Citations ¹ : 304	ZIP Code Match Analysis			Stop Rate by City/Town Population											
	Intown motorist:		15.5%	Citations per 1000											
	Passing through:		84.5%	18 + residents:		N/A									
¹ Total citations issued by department, including multiple-citation encounters and crashes															
All Stops² (N = 291)				ITP Stops³ (N = 156)											
Mean age				Mean age											
40.53				40.18											
Gender %				Gender %											
Female		30.7%		Female		28.2%									
Male		69.0%		Male		71.2%									
Non-binary		0.3%		Non-binary		0.6%									
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴									
		2.4%				0.6%									
AA/Black		1.4%		AA/Black		2.6%									
Hispanic		3.9%		Hispanic		3.9%									
White		94.0%		White		92.9%									
Other		0.7%		Other		0.6%									
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes															
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)															
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)															
Comparative Analyses															
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵											
Motorist Race		City Dem		% Dif		Motorist Race		State Avg		% Dif					
AA/Black	1.4%	N/A	N/A	AA/Black	1.4%	14.4%	-13.0%								
Hispanic	3.9%	N/A	N/A	Hispanic	3.9%	14.5%	-10.6%								
White	94.0%	N/A	N/A	White	94.0%	66.4%	27.6%								
Other	0.7%	N/A	N/A	Other	0.7%	4.6%	-3.9%								
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments															
VoD Analyses															
All Stops²				ITP Stops³											
Race		N		Daylight		Darkness		Race		N		Daylight		Darkness	
NW	15	5.6%	6.3%	NW	N/A	N/A	N/A								
White	244	94.4%	93.7%	White	N/A	N/A	N/A								
Chi-square, X-tab ⁶ :		.806 not sig.		Chi-square, X-tab ⁶ :		N/A N/A									
Odds ratio Exp(B) ⁷ :		.928 not sig.		Odds ratio Exp(B) ⁷ :		N/A N/A									
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone															
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.															
Citation Outcomes by Race⁸															
	Warning	Civil	Criminal	Arrest		Search?									
AA/Black	25.0%	25.0%	25.0%	25.0%	NW	0	N/A								
Hispanic	23.1%	15.4%	53.8%	7.7%	White	1	N/A								
White	48.9%	33.1%	12.9%	5.0%											
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent								
Chi-square, X-tab ⁶ :		.011* sig.													
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes															

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

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

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

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

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

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

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

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

Comparative Analyses

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

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

VoD Analyses

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

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

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

Citation Outcomes by Race⁸

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

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FALMOUTH POLICE DEPARTMENT**

Total Citations ¹ : 1,395	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.5%	Citations per 1000	
	Passing through:	87.5%	18 + residents:	53

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,125)				ITP Stops ³ (N = 313)			
Mean age				Mean age			
42.09				39.33			
Gender %				Gender %			
Female 40.2%				Female 39.0%			
Male 59.8%				Male 61.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 9.8%				AA/Black 13.0%			
Hispanic 2.7%				Hispanic 2.3%			
White 86.4%				White 84.4%			
Other 1.1%				Other 0.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.8%	2.0%	7.8%	AA/Black	9.8%	14.4%	-4.6%
Hispanic	2.7%	2.5%	0.2%	Hispanic	2.7%	14.5%	-11.8%
White	86.4%	88.8%	-2.4%	White	86.4%	66.4%	20.0%
Other	1.1%	5.5%	-4.4%	Other	1.1%	4.6%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	134	10.5%	20.0%	NW	43	14.0%	17.2%
White	859	89.5%	80.0%	White	235	86.0%	82.8%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .464 not sig.			
Odds ratio Exp(B) ⁷ : .445* sig.				Odds ratio Exp(B) ⁷ : .441 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	48.9%	9.8%	33.1%	8.3%	NW	3	N/A
Hispanic	39.4%	6.1%	51.5%	3.0%	White	15	N/A
White	68.9%	7.9%	16.6%	6.6%			
Other	53.8%	23.1%	7.7%	15.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FITCHBURG POLICE DEPARTMENT**

Total Citations ¹ : 1,359	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	58.0%	Citations per 1000	
	Passing through:	42.0%	18 + residents:	43.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 679)				ITP Stops ³ (N = 284)			
Mean age				Mean age			
35.68				35.96			
Gender %				Gender %			
Female 33.7%				Female 35.5%			
Male 66.0%				Male 64.2%			
Non-binary 0.3%				Non-binary 0.4%			
Race % Mis/Unk ⁴ 3.5%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 11.0%				AA/Black 9.6%			
Hispanic 22.6%				Hispanic 22.0%			
White 65.5%				White 67.7%			
Other 0.9%				Other 0.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.0%	5.0%	6.0%	AA/Black	11.0%	14.4%	-3.4%
Hispanic	22.6%	28.8%	-6.2%	Hispanic	22.6%	14.5%	8.1%
White	65.5%	62.3%	3.2%	White	65.5%	66.4%	-0.9%
Other	0.9%	7.5%	-6.6%	Other	0.9%	4.6%	-3.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	202	31.3%	38.8%	NW	81	32.5%	30.5%
White	383	68.7%	61.2%	White	176	67.5%	69.5%
Chi-square, X-tab ⁶ :		.061	not sig.	Chi-square, X-tab ⁶ :		.729	not sig.
Odds ratio Exp(B) ⁷ :		.702	not sig.	Odds ratio Exp(B) ⁷ :		1.033	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.4%	4.3%	18.7%	3.6%	NW	11	N/A
Hispanic	70.9%	4.6%	22.8%	1.8%	White	13	N/A
White	82.2%	3.4%	12.6%	1.8%			
Other	90.9%	9.1%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.002*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FOXBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 2,005	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.0%	Citations per 1000	
	Passing through:	75.0%	18 + residents:	139.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,882)				ITP Stops ³ (N = 529)			
Mean age				Mean age			
39.39				38.69			
Gender %				Gender %			
Female 35.8%				Female 37.2%			
Male 64.2%				Male 62.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.0%				Race % Mis/Unk ⁴ 3.6%			
AA/Black 7.2%				AA/Black 8.2%			
Hispanic 6.2%				Hispanic 5.9%			
White 83.3%				White 82.4%			
Other 3.3%				Other 3.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.2%	6.0%	1.2%	AA/Black	7.2%	14.4%	-7.2%
Hispanic	6.2%	5.3%	0.9%	Hispanic	6.2%	14.5%	-8.3%
White	83.3%	83.8%	-0.5%	White	83.3%	66.4%	16.9%
Other	3.3%	6.9%	-3.6%	Other	3.3%	4.6%	-1.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	291	14.9%	22.2%	NW	78	17.4%	16.9%
White	1,458	85.1%	77.8%	White	375	82.6%	83.1%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .898 not sig.			
Odds ratio Exp(B) ⁷ : .587* sig.				Odds ratio Exp(B) ⁷ : 1.018 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.1%	2.1%	16.4%	3.4%	NW	0	N/A
Hispanic	79.5%	2.5%	16.4%	1.6%	White	0	N/A
White	87.5%	3.6%	6.6%	2.3%			
Other	93.5%	3.2%	3.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FRAMINGHAM POLICE DEPARTMENT**

Total Citations ¹ : 5,391	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	46.0%	Citations per 1000	
	Passing through:	54.0%	18 + residents:	90.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,945)				ITP Stops ³ (N = 607)			
Mean age				Mean age			
41.32				39.99			
Gender %				Gender %			
Female 42.2%				Female 37.6%			
Male 57.8%				Male 62.2%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 3.7%				Race % Mis/Unk ⁴ 3.1%			
AA/Black 9.7%				AA/Black 9.5%			
Hispanic 8.6%				Hispanic 9.5%			
White 77.0%				White 77.9%			
Other 4.8%				Other 3.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.7%	7.3%	2.4%	AA/Black	9.7%	14.4%	-4.7%
Hispanic	8.6%	16.1%	-7.5%	Hispanic	8.6%	14.5%	-5.9%
White	77.0%	63.0%	14.0%	White	77.0%	66.4%	10.6%
Other	4.8%	11.1%	-6.3%	Other	4.8%	4.6%	0.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,058	23.4%	21.6%	NW	113	22.8%	18.2%
White	3,506	76.6%	78.4%	White	413	77.2%	81.8%
Chi-square, X-tab ⁶ : .377 not sig.				Chi-square, X-tab ⁶ : .236 not sig.			
Odds ratio Exp(B) ⁷ : 1.122 not sig.				Odds ratio Exp(B) ⁷ : 1.527 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.2%	9.0%	10.7%	2.1%	NW	0	N/A
Hispanic	60.5%	14.9%	22.8%	1.8%	White	9	N/A
White	73.9%	11.3%	13.2%	1.6%			
Other	78.0%	18.2%	2.5%	1.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FRANKLIN POLICE DEPARTMENT**

Total Citations ¹ : 258	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		43.1%	Citations per 1000 18 + residents: 9.9			
	Passing through:		56.9%				
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 218)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
33.35				N/A			
Gender %				Gender %			
Female		29.2%		Female		N/A	
Male		70.8%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		10.6%				N/A	
AA/Black		4.6%		AA/Black		N/A	
Hispanic		10.8%		Hispanic		N/A	
White		80.5%		White		N/A	
Other		4.1%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.6%	0.9%	3.7%	AA/Black	4.6%	14.4%	-9.8%
Hispanic	10.8%	1.6%	9.2%	Hispanic	10.8%	14.5%	-3.7%
White	80.5%	89.2%	-8.7%	White	80.5%	66.4%	14.1%
Other	4.1%	8.3%	-4.2%	Other	4.1%	4.6%	-0.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	19.9%	20.0%	NW	N/A	N/A	N/A
White	149	80.1%	80.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.982	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.013	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	41.7%	8.3%	50.0%	0.0%	NW	2	N/A
Hispanic	3.8%	11.5%	76.9%	7.7%	White	3	N/A
White	39.9%	13.8%	37.2%	9.0%			
Other	25.0%	37.5%	12.5%	25.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.002*	sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FREETOWN POLICE DEPARTMENT**

Total Citations ¹ : 407	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		27.0%	Citations per 1000		
	Passing through:		73.0%	18 + residents:		54.6
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 355)				ITP Stops³ (N = 101)		
Mean age				Mean age		
34.95				34.15		
Gender %				Gender %		
Female		38.2%		Female		34.7%
Male		61.8%		Male		65.3%
Non-binary		0.0%		Non-binary		0.0%
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		1.1%				1.0%
AA/Black		8.5%		AA/Black		8.0%
Hispanic		1.4%		Hispanic		1.0%
White		90.0%		White		91.0%
Other		0.0%		Other		0.0%
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	8.5%	50.0%	-41.5%	AA/Black	8.5%	14.4%
Hispanic	1.4%	3.0%	-1.6%	Hispanic	1.4%	14.5%
White	90.0%	93.1%	-3.1%	White	90.0%	66.4%
Other	0.0%	3.8%	-3.8%	Other	0.0%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops²				ITP Stops³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	30	9.4%	11.8%	NW	N/A	N/A
White	276	90.6%	88.2%	White	N/A	N/A
Chi-square, X-tab ⁶ :		.606	not sig.	Chi-square, X-tab ⁶ :		N/A N/A
Odds ratio Exp(B) ⁷ :		.932	not sig.	Odds ratio Exp(B) ⁷ :		N/A N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	31.4%	14.3%	54.3%	0.0%	NW	0
Hispanic	0.0%	0.0%	100.0%	0.0%	White	2
White	46.1%	25.7%	27.6%	0.6%		
Other	0.0%	0.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.001* sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GARDNER POLICE DEPARTMENT**

Total Citations ¹ : 693	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	40.4%	Citations per 1000	
	Passing through:	59.6%	18 + residents:	41.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 604)				ITP Stops ³ (N = 192)			
Mean age				Mean age			
36.48				34.64			
Gender %				Gender %			
Female 38.3%				Female 39.7%			
Male 61.7%				Male 60.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.6%				Race % Mis/Unk ⁴ 3.1%			
AA/Black 5.3%				AA/Black 5.4%			
Hispanic 6.4%				Hispanic 6.5%			
White 85.6%				White 85.5%			
Other 2.7%				Other 2.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.3%	2.8%	2.5%	AA/Black	5.3%	14.4%	-9.1%
Hispanic	6.4%	9.3%	-2.9%	Hispanic	6.4%	14.5%	-8.1%
White	85.6%	81.2%	4.4%	White	85.6%	66.4%	19.2%
Other	2.7%	7.5%	-4.8%	Other	2.7%	4.6%	-1.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	81	13.0%	19.1%	NW	25	14.7%	15.3%
White	452	87.0%	80.9%	White	142	85.3%	84.7%
Chi-square, X-tab ⁶ : .061 not sig.				Chi-square, X-tab ⁶ : .923 not sig.			
Odds ratio Exp(B) ⁷ : .720 not sig.				Odds ratio Exp(B) ⁷ : 1.261 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	25.0%	11.1%	44.4%	19.4%	NW	0	
Hispanic	32.6%	13.0%	28.3%	26.1%	White	7	
White	44.5%	21.5%	23.8%	10.2%			
Other	31.3%	50.0%	12.5%	6.3%			
Chi-square, X-tab ⁶ : .000* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GEORGETOWN POLICE DEPARTMENT**

Total Citations ¹ : 765	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.8%	Citations per 1000	
	Passing through:	77.2%	18 + residents:	112.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 756)				ITP Stops ³ (N = 204)			
Mean age				Mean age			
37.33				37.52			
Gender %				Gender %			
Female 41.8%				Female 32.8%			
Male 58.2%				Male 67.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.0%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 5.6%				AA/Black 4.9%			
Hispanic 9.8%				Hispanic 5.9%			
White 81.7%				White 86.8%			
Other 2.9%				Other 2.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.6%	0.8%	4.8%	AA/Black	5.6%	14.4%	-8.8%
Hispanic	9.8%	3.5%	6.3%	Hispanic	9.8%	14.5%	-4.7%
White	81.7%	93.2%	-11.5%	White	81.7%	66.4%	15.3%
Other	2.9%	2.8%	0.1%	Other	2.9%	4.6%	-1.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	133	9.3%	25.8%	NW	22	12.7%	10.1%
White	610	90.7%	74.2%	White	169	87.3%	89.9%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.570	not sig.
Odds ratio Exp(B) ⁷ :		.243*	sig.	Odds ratio Exp(B) ⁷ :		2.114	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.8%	16.7%	7.1%	2.4%	NW	0	N/A
Hispanic	74.7%	8.0%	12.0%	5.3%	White	1	N/A
White	83.5%	10.9%	4.2%	1.4%			
Other	86.4%	13.6%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.026*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GLOUCESTER POLICE DEPARTMENT**

Total Citations ¹ : 776	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		65.8%	Citations per 1000 18 + residents: 30.5			
	Passing through:		34.2%				
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 688)				ITP Stops³ (N = 165)			
Mean age				Mean age			
42.13				41.82			
Gender %				Gender %			
Female		36.4%		Female		37.8%	
Male		63.6%		Male		62.2%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 9.4%		Race %		Mis/Unk ⁴ 13.3%	
AA/Black		2.2%		AA/Black		1.4%	
Hispanic		5.8%		Hispanic		3.5%	
White		91.2%		White		95.1%	
Other		0.8%		Other		0.0%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.2%	1.7%	0.5%	AA/Black	14.4%	-12.2%	
Hispanic	5.8%	2.4%	3.4%	Hispanic	14.5%	-8.7%	
White	91.2%	91.9%	-0.7%	White	66.4%	24.8%	
Other	0.8%	4.2%	-3.4%	Other	4.6%	-3.8%	
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	7.9%	13.2%	NW	N/A	N/A	N/A
White	536	92.1%	86.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.060	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.586	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	47.4%	5.3%	31.6%	15.8%	NW	2	N/A
Hispanic	17.5%	5.0%	60.0%	17.5%	White	6	N/A
White	61.2%	11.7%	21.6%	5.5%			
Other	60.0%	0.0%	40.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GRAFTON POLICE DEPARTMENT**

Total Citations ¹ : 1,364	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	14.7%	Citations per 1000	
	Passing through:	85.3%	18 + residents:	95.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,310)				ITP Stops ³ (N = 417)			
Mean age				Mean age			
39.26				38.29			
Gender %				Gender %			
Female 41.4%				Female 37.3%			
Male 58.6%				Male 62.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 0.2%			
AA/Black 4.5%				AA/Black 4.1%			
Hispanic 7.3%				Hispanic 9.6%			
White 83.3%				White 81.0%			
Other 4.9%				Other 5.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.5%	3.1%	1.4%	AA/Black	4.5%	14.4%	-9.9%
Hispanic	7.3%	6.3%	1.0%	Hispanic	7.3%	14.5%	-7.2%
White	83.3%	78.9%	4.4%	White	83.3%	66.4%	16.9%
Other	4.9%	11.7%	-6.8%	Other	4.9%	4.6%	0.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	196	14.3%	21.9%	NW	60	14.5%	20.9%
White	1,030	85.7%	78.1%	White	288	85.5%	79.1%
Chi-square, X-tab ⁶ : .003* sig.				Chi-square, X-tab ⁶ : .116 not sig.			
Odds ratio Exp(B) ⁷ : .597* sig.				Odds ratio Exp(B) ⁷ : .741 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.1%	4.9%	16.4%	6.6%	NW	0	N/A
Hispanic	67.7%	3.0%	25.3%	4.0%	White	1	N/A
White	87.1%	7.7%	4.4%	0.9%			
Other	89.7%	7.4%	0.0%	2.9%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GRANBY POLICE DEPARTMENT**

Total Citations ¹ : 777	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	9.2%	Citations per 1000	
	Passing through:	90.8%	18 + residents:	148.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 759)				ITP Stops ³ (N = 395)			
Mean age				Mean age			
36.09				36.7			
Gender %				Gender %			
Female 37.9%				Female 37.8%			
Male 62.1%				Male 62.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ 2.3%			
AA/Black 10.2%				AA/Black 11.7%			
Hispanic 7.5%				Hispanic 6.0%			
White 79.9%				White 80.1%			
Other 2.4%				Other 2.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.2%	1.0%	9.2%	AA/Black	10.2%	14.4%	-4.2%
Hispanic	7.5%	3.9%	3.6%	Hispanic	7.5%	14.5%	-7.0%
White	79.9%	92.2%	-12.3%	White	79.9%	66.4%	13.5%
Other	2.4%	2.1%	0.3%	Other	2.4%	4.6%	-2.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	143	18.1%	23.0%	NW	73	21.0%	19.6%
White	558	81.9%	77.0%	White	288	79.0%	80.4%
Chi-square, X-tab ⁶ : .111 not sig.				Chi-square, X-tab ⁶ : .741 not sig.			
Odds ratio Exp(B) ⁷ : .619* sig.				Odds ratio Exp(B) ⁷ : .876 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.9%	11.7%	9.1%	1.3%	NW	1	N/A
Hispanic	78.6%	8.9%	5.4%	7.1%	White	1	N/A
White	84.8%	9.7%	3.7%	1.8%			
Other	94.4%	5.6%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .103 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GRANVILLE POLICE DEPARTMENT**

Total Citations ¹ : 338	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.4%	Citations per 1000	
	Passing through:	78.6%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 337)				ITP Stops ³ (N = 211)			
Mean age				Mean age			
38.35				37.14			
Gender %				Gender %			
Female 33.6%				Female 31.1%			
Male 66.1%				Male 68.9%			
Non-binary 0.3%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.6%				Race % Mis/Unk ⁴ 5.2%			
AA/Black 5.0%				AA/Black 4.5%			
Hispanic 4.1%				Hispanic 4.0%			
White 90.6%				White 91.5%			
Other 0.3%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.0%	N/A	N/A	AA/Black	5.0%	14.4%	-9.4%
Hispanic	4.1%	N/A	N/A	Hispanic	4.1%	14.5%	-10.4%
White	90.6%	N/A	N/A	White	90.6%	66.4%	24.2%
Other	0.3%	N/A	N/A	Other	0.3%	4.6%	-4.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	9.4%	7.5%	NW	14	8.0%	7.1%
White	272	90.6%	92.5%	White	170	92.0%	92.9%
Chi-square, X-tab ⁶ : .592 <i>not sig.</i>				Chi-square, X-tab ⁶ : .827 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : 1.701 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .938 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	25.0%	56.3%	18.8%	0.0%	NW	2	N/A
Hispanic	30.8%	38.5%	30.8%	0.0%	White	10	N/A
White	29.8%	56.4%	13.1%	0.7%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .699 <i>not sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GREAT BARRINGTON POLICE DEPARTMENT**

Total Citations ¹ : 139	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		30.9%	Citations per 1000			
	Passing through:		69.1%	18 + residents: N/A			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 123)			ITP Stops³ (N = N/A)				
Mean age			Mean age				
42.7			N/A				
Gender %			Gender %				
Female 36.1%			Female N/A				
Male 63.1%			Male N/A				
Non-binary 0.8%			Non-binary N/A				
Race % Mis/Unk ⁴ 3.3%			Race % Mis/Unk ⁴ N/A				
AA/Black 4.2%			AA/Black N/A				
Hispanic 8.4%			Hispanic N/A				
White 86.6%			White N/A				
Other 0.8%			Other N/A				
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.2%	2.0%	2.2%	AA/Black	4.2%	14.4%	-10.2%
Hispanic	8.4%	3.5%	4.9%	Hispanic	8.4%	14.5%	-6.1%
White	86.6%	87.7%	-1.1%	White	86.6%	66.4%	20.2%
Other	0.8%	7.1%	-6.3%	Other	0.8%	4.6%	-3.8%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	11.1%	21.9%	NW	N/A	N/A	N/A
White	97	88.9%	78.1%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.139	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.418	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	28.6%	0.0%	57.1%	14.3%	NW	0	N/A
Hispanic	14.3%	14.3%	42.9%	28.6%	White	1	N/A
White	47.8%	19.5%	25.7%	7.1%			
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.051	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GREENFIELD POLICE DEPARTMENT**

Total Citations ¹ : 998	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	45.9%	Citations per 1000	
	Passing through:	54.1%	18 + residents:	70.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 823)				ITP Stops ³ (N = 309)			
Mean age				Mean age			
41.54				40.22			
Gender %				Gender %			
Female 42.8%				Female 36.7%			
Male 57.0%				Male 63.3%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 4.8%				AA/Black 3.0%			
Hispanic 3.1%				Hispanic 4.3%			
White 91.0%				White 91.8%			
Other 1.1%				Other 1.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.8%	2.3%	2.5%	AA/Black	4.8%	14.4%	-9.6%
Hispanic	3.1%	7.7%	-4.6%	Hispanic	3.1%	14.5%	-11.4%
White	91.0%	86.9%	4.1%	White	91.0%	66.4%	24.6%
Other	1.1%	3.9%	-2.8%	Other	1.1%	4.6%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	7.9%	10.8%	NW	22	5.9%	10.8%
White	678	92.1%	89.2%	White	244	94.1%	89.2%
Chi-square, X-tab ⁶ :		.172	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.148	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.655	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.367	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.9%	4.4%	22.2%	4.4%	NW	1	N/A
Hispanic	60.0%	13.3%	23.3%	3.3%	White	9	N/A
White	79.7%	5.1%	10.1%	5.1%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.027*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GROTON POLICE DEPARTMENT**

Total Citations ¹ : 2,247	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.7%	Citations per 1000	
	Passing through:	79.3%	18 + residents:	258.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,222)				ITP Stops ³ (N = 1,115)			
Mean age				Mean age			
40.17				39.74			
Gender %				Gender %			
Female 40.0%				Female 37.7%			
Male 59.9%				Male 62.2%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 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%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.6%	0.2%	2.4%	AA/Black	2.6%	14.4%	-11.8%
Hispanic	4.4%	1.4%	3.0%	Hispanic	4.4%	14.5%	-10.1%
White	88.8%	91.0%	-2.2%	White	88.8%	66.4%	22.4%
Other	4.2%	7.5%	-3.3%	Other	4.2%	4.6%	-0.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	234	10.7%	13.3%	NW	107	11.1%	10.8%
White	1,826	89.3%	86.7%	White	867	88.9%	89.2%
Chi-square, X-tab ⁶ : .111 not sig.				Chi-square, X-tab ⁶ : .905 not sig.			
Odds ratio Exp(B) ⁷ : .746 not sig.				Odds ratio Exp(B) ⁷ : .981 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.6%	8.6%	12.1%	1.7%	NW	0	N/A
Hispanic	70.8%	8.3%	19.8%	1.0%	White	0	N/A
White	84.8%	10.4%	4.0%	0.8%			
Other	78.5%	14.0%	5.4%	2.2%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GROVELAND POLICE DEPARTMENT**

Total Citations ¹ : 413	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.2%	Citations per 1000	
	Passing through:	86.8%	18 + residents:	75.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 403)				ITP Stops ³ (N = 160)			
Mean age				Mean age			
35.28				35.12			
Gender %				Gender %			
Female 33.8%				Female 30.4%			
Male 66.2%				Male 69.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.7%				Race % Mis/Unk ⁴ 5.0%			
AA/Black 3.9%				AA/Black 2.6%			
Hispanic 14.3%				Hispanic 16.4%			
White 80.7%				White 80.3%			
Other 1.0%				Other 0.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.9%	0.0%	3.9%	AA/Black	3.9%	14.4%	-10.5%
Hispanic	14.3%	3.2%	11.1%	Hispanic	14.3%	14.5%	-0.2%
White	80.7%	95.9%	-15.2%	White	80.7%	66.4%	14.3%
Other	1.0%	1.3%	-0.3%	Other	1.0%	4.6%	-3.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	70	17.0%	24.7%	NW	28	18.8%	22.0%
White	300	83.0%	75.3%	White	114	81.2%	78.0%
Chi-square, X-tab ⁶ :		.098	not sig.	Chi-square, X-tab ⁶ :		.670	not sig.
Odds ratio Exp(B) ⁷ :		.679	not sig.	Odds ratio Exp(B) ⁷ :		1.796	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.0%	13.3%	40.0%	6.7%	NW	1	N/A
Hispanic	39.7%	24.1%	36.2%	0.0%	White	0	N/A
White	45.4%	32.2%	19.9%	2.5%			
Other	75.0%	0.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.081	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HADLEY POLICE DEPARTMENT**

Total Citations ¹ : 1,458	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	5.7%	Citations per 1000	
	Passing through:	94.3%	18 + residents:	325.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,380)				ITP Stops ³ (N = 540)			
Mean age				Mean age			
33.15				34.51			
Gender %				Gender %			
Female 39.0%				Female 39.4%			
Male 60.9%				Male 60.6%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.5%				Race % Mis/Unk ⁴ 3.0%			
AA/Black 12.0%				AA/Black 9.7%			
Hispanic 10.3%				Hispanic 11.8%			
White 73.5%				White 74.4%			
Other 4.2%				Other 4.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.0%	7.9%	4.1%	AA/Black	12.0%	14.4%	-2.4%
Hispanic	10.3%	2.3%	8.0%	Hispanic	10.3%	14.5%	-4.2%
White	73.5%	84.6%	-11.1%	White	73.5%	66.4%	7.1%
Other	4.2%	5.7%	-1.5%	Other	4.2%	4.6%	-0.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	338	23.7%	30.5%	NW	125	28.6%	23.7%
White	900	76.3%	69.5%	White	345	71.4%	76.3%
Chi-square, X-tab ⁶ : .007* sig.				Chi-square, X-tab ⁶ : .235 not sig.			
Odds ratio Exp(B) ⁷ : .650* sig.				Odds ratio Exp(B) ⁷ : .966 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.0%	17.5%	18.7%	7.8%	NW	13	N/A
Hispanic	44.6%	20.3%	25.7%	9.5%	White	11	N/A
White	61.6%	19.7%	12.9%	5.8%			
Other	63.3%	20.0%	11.7%	5.0%		Counts	Percent
Chi-square, X-tab ⁶ : .001* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HALIFAX POLICE DEPARTMENT

Total Citations ¹ : 114	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		22.1%	Citations per 1000		
	Passing through:		77.9%	18 + residents:		18.3
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops²			(N = 95)		ITP Stops³	
Mean age			34		Mean age	
Gender %			Female 26.3%		Gender %	
Male			73.7%		Female	
Non-binary			0.0%		Male	
Race % Mis/Unk ⁴			3.2%		Non-binary	
AA/Black			3.3%		Race % Mis/Unk ⁴	
Hispanic			6.5%		AA/Black	
White			89.1%		Hispanic	
Other			1.1%		White	
					Other	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	3.3%	2.3%	1.0%	AA/Black	3.3%	14.4%
Hispanic	6.5%	0.7%	5.8%	Hispanic	6.5%	14.5%
White	89.1%	96.2%	-7.1%	White	89.1%	66.4%
Other	1.1%	0.9%	0.2%	Other	1.1%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	40.0%	0.0%	40.0%	20.0%	NW	2
Hispanic	33.3%	33.3%	33.3%	0.0%	White	26
White	48.5%	25.3%	25.3%	1.0%		
Other	0.0%	0.0%	100.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.101 not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HAMILTON POLICE DEPARTMENT**

Total Citations ¹ : 246	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		0.9%	Citations per 1000			
	Passing through:		99.1%	18 + residents:		41.2	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 233)			ITP Stops³ (N = N/A)				
Mean age			Mean age				
38.24			N/A				
Gender %			Gender %				
Female 37.0%			Female N/A				
Male 63.0%			Male N/A				
Non-binary 0.0%			Non-binary N/A				
Race %		Mis/Unk ⁴	2.1%	Race %		Mis/Unk ⁴	N/A
AA/Black			3.5%	AA/Black			N/A
Hispanic			7.9%	Hispanic			N/A
White			85.5%	White			N/A
Other			3.1%	Other			N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.5%	0.3%	3.2%	AA/Black	3.5%	14.4%	-10.9%
Hispanic	7.9%	1.5%	6.4%	Hispanic	7.9%	14.5%	-6.6%
White	85.5%	91.0%	-5.5%	White	85.5%	66.4%	19.1%
Other	3.1%	7.3%	-4.2%	Other	3.1%	4.6%	-1.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	15.8%	14.3%	NW	N/A	N/A	N/A
White	180	84.2%	85.7%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.809	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.344	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.0%	0.0%	25.0%	0.0%	NW	0	N/A
Hispanic	35.0%	15.0%	45.0%	5.0%	White	2	N/A
White	72.3%	12.1%	15.5%	0.0%			
Other	85.7%	0.0%	14.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.002*	sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HAMPDEN POLICE DEPARTMENT

Total Citations ¹ : 249	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		22.6%	Citations per 1000					
	Passing through:		77.4%	18 + residents:		57.6			
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops² (N = 234)				ITP Stops³ (N = N/A)					
Mean age				Mean age					
33.12				N/A					
Gender %				Gender %					
Female		41.6%		Female		N/A			
Male		58.4%		Male		N/A			
Non-binary		0.0%		Non-binary		N/A			
Race %		Mis/Unk ⁴	3.0%	Race %		Mis/Unk ⁴	N/A		
AA/Black		4.8%		AA/Black		N/A			
Hispanic		3.5%		Hispanic		N/A			
White		91.2%		White		N/A			
Other		0.4%		Other		N/A			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		4.8%	0.2%	4.6%	AA/Black		4.8%	14.4%	-9.6%
Hispanic		3.5%	3.7%	-0.2%	Hispanic		3.5%	14.5%	-11.0%
White		91.2%	93.9%	-2.7%	White		91.2%	66.4%	24.8%
Other		0.4%	5.5%	-5.1%	Other		0.4%	4.6%	-4.2%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
VoD Analyses									
All Stops ²				ITP Stops ³					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		N/A	N/A	N/A	NW		N/A	N/A	N/A
White		N/A	N/A	N/A	White		N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :	
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race⁸									
		Warning	Civil	Criminal	Arrest		Search?		
AA/Black		50.0%	21.4%	28.6%	0.0%	NW	2	N/A	
Hispanic		60.0%	40.0%	0.0%	0.0%	White	10	N/A	
White		75.5%	13.4%	9.3%	1.9%				
Other		50.0%	50.0%	0.0%	0.0%	Counts		Percent	
Chi-square, X-tab ⁶ :		.101	<i>not sig.</i>						
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HANOVER POLICE DEPARTMENT**

Total Citations ¹ : 928	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.2%	Citations per 1000	
	Passing through:	79.8%	18 + residents:	86.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 828)				ITP Stops ³ (N = 289)			
Mean age				Mean age			
37.28				36.51			
Gender %				Gender %			
Female 34.9%				Female 29.8%			
Male 65.1%				Male 70.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.8%				Race % Mis/Unk ⁴ 3.5%			
AA/Black 7.1%				AA/Black 7.2%			
Hispanic 4.7%				Hispanic 4.3%			
White 86.8%				White 87.1%			
Other 1.4%				Other 1.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	7.1%	1.0%	6.1%	AA/Black	7.1%	14.4% -7.3%
Hispanic	4.7%	0.6%	4.1%	Hispanic	4.7%	14.5% -9.8%
White	86.8%	96.5%	-9.7%	White	86.8%	66.4% 20.4%
Other	1.4%	1.2%	0.2%	Other	1.4%	4.6% -3.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	99	11.8%	16.4%	NW	32	11.2%	16.7%
White	657	88.2%	83.6%	White	216	88.8%	83.3%
Chi-square, X-tab ⁶ :		.088	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.231	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.770	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.676	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.0%	24.6%	29.2%	6.2%	NW	7	N/A
Hispanic	28.6%	23.8%	42.9%	4.8%	White	20	N/A
White	59.3%	29.5%	8.3%	2.9%			
Other	54.5%	27.3%	9.1%	9.1%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HANSON POLICE DEPARTMENT**

Total Citations ¹ : 452	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.1%	Citations per 1000	
	Passing through:	79.9%	18 + residents:	51.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 423)				ITP Stops ³ (N = 206)			
Mean age				Mean age			
36.81				37.71			
Gender %				Gender %			
Female 37.4%				Female 33.5%			
Male 62.1%				Male 65.5%			
Non-binary 0.5%				Non-binary 1.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 9.8%				AA/Black 8.8%			
Hispanic 6.7%				Hispanic 7.8%			
White 83.0%				White 83.3%			
Other 0.5%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	9.8%	0.3%	9.5%	AA/Black	9.8%	14.4% -4.6%
Hispanic	6.7%	0.9%	5.8%	Hispanic	6.7%	14.5% -7.8%
White	83.0%	93.3%	-10.3%	White	83.0%	66.4% 16.6%
Other	0.5%	4.8%	-4.3%	Other	0.5%	4.6% -4.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	12.7%	22.1%	NW	31	14.5%	17.9%
White	333	87.3%	77.9%	White	163	85.5%	82.1%
Chi-square, X-tab ⁶ : .013* <i>sig.</i>				Chi-square, X-tab ⁶ : .533 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .575 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .576 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	64.3%	14.3%	19.0%	2.4%	NW	1	N/A
Hispanic	65.5%	6.9%	24.1%	3.4%	White	2	N/A
White	69.9%	11.0%	13.7%	5.4%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .806 <i>not sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HARDWICK POLICE DEPARTMENT

Total Citations ¹ : 244	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		22.1%	Citations per 1000 18 + residents:		
	Passing through:		77.9%	N/A		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 231)				ITP Stops³ (N = N/A)		
Mean age				Mean age		
38.53				N/A		
Gender %				Gender %		
Female		36.4%		Female		N/A
Male		63.5%		Male		N/A
Non-binary		0.0%		Non-binary		N/A
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		0.4%				N/A
AA/Black		3.0%		AA/Black		N/A
Hispanic		3.5%		Hispanic		N/A
White		93.0%		White		N/A
Other		0.4%		Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg
AA/Black		3.0%	N/A	AA/Black		3.0%
Hispanic		3.5%	N/A	Hispanic		3.5%
White		93.0%	N/A	White		93.0%
Other		0.4%	N/A	Other		0.4%
		N/A	N/A			14.4%
		N/A	N/A			14.5%
		N/A	N/A			66.4%
		N/A	N/A			4.6%
		N/A	N/A			-11.4%
		N/A	N/A			-11.0%
		N/A	N/A			26.6%
		N/A	N/A			-4.2%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight
NW	N/A	N/A	N/A	NW	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	50.0%	0.0%	25.0%	25.0%	NW	0
Hispanic	50.0%	37.5%	12.5%	0.0%	White	10
White	64.2%	18.6%	13.7%	3.5%		
Other	0.0%	100.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.042*	<i>sig.</i>			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HARVARD POLICE DEPARTMENT**

Total Citations ¹ : 137	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		16.1%	Citations per 1000			
	Passing through:		83.9%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 118)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
39.83				N/A			
Gender %				Gender %			
Female		34.2%		Female		N/A	
Male		65.8%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		4.2%				N/A	
AA/Black		4.4%		AA/Black		N/A	
Hispanic		12.4%		Hispanic		N/A	
White		78.8%		White		N/A	
Other		4.4%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.4%	N/A	N/A	AA/Black	4.4%	14.4%	-10.0%
Hispanic	12.4%	N/A	N/A	Hispanic	12.4%	14.5%	-2.1%
White	78.8%	N/A	N/A	White	78.8%	66.4%	12.4%
Other	4.4%	N/A	N/A	Other	4.4%	4.6%	-0.2%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	19.7%	22.7%	NW	N/A	N/A	N/A
White	83	80.3%	77.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.704	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.692	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	1	N/A
Hispanic	50.0%	35.7%	0.0%	14.3%	White	4	N/A
White	64.5%	23.4%	10.3%	1.9%			
Other	66.7%	33.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.168	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HARWICH POLICE DEPARTMENT**

Total Citations ¹ : 330	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		27.2%	Citations per 1000			
	Passing through:		72.8%	18 + residents:		31.6	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 283)			ITP Stops³ (N = 109)				
Mean age			Mean age				
36.76			36.26				
Gender %			Gender %				
Female 33.5%			Female 30.5%				
Male 66.5%			Male 69.5%				
Non-binary 0.0%			Non-binary 0.0%				
Race %		Mis/Unk ⁴	Race %		Mis/Unk ⁴		
AA/Black		12.1%	AA/Black		10.5%		
Hispanic		1.5%	Hispanic		1.0%		
White		85.7%	White		86.7%		
Other		0.7%	Other		1.9%		
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.1%	3.2%	8.9%	AA/Black	12.1%	14.4%	-2.3%
Hispanic	1.5%	2.2%	-0.7%	Hispanic	1.5%	14.5%	-13.0%
White	85.7%	91.8%	-6.1%	White	85.7%	66.4%	19.3%
Other	0.7%	2.0%	-1.3%	Other	0.7%	4.6%	-3.9%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	11.2%	17.6%	NW	N/A	N/A	N/A
White	221	88.8%	82.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.152	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.514	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	43.2%	21.6%	21.6%	13.5%	NW	0	N/A
Hispanic	40.0%	0.0%	60.0%	0.0%	White	6	N/A
White	61.3%	6.6%	27.4%	4.7%			
Other	33.3%	33.3%	33.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.012*	sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HATFIELD POLICE DEPARTMENT**

Total Citations ¹ : 138	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		18.3%	Citations per 1000		
	Passing through:		81.7%	18 + residents: N/A		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 131)				ITP Stops³ (N = N/A)		
Mean age				Mean age		
38.46				N/A		
Gender %				Gender %		
Female		36.2%		Female		N/A
Male		63.8%		Male		N/A
Non-binary		0.0%		Non-binary		N/A
Race	%	Mis/Unk ⁴	0.8%	Race	%	Mis/Unk ⁴
AA/Black			5.4%	AA/Black		N/A
Hispanic			12.3%	Hispanic		N/A
White			81.5%	White		N/A
Other			0.8%	Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	5.4%	N/A	N/A	AA/Black	5.4%	14.4%
Hispanic	12.3%	N/A	N/A	Hispanic	12.3%	14.5%
White	81.5%	N/A	N/A	White	81.5%	66.4%
Other	0.8%	N/A	N/A	Other	0.8%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops²				ITP Stops³		
Race	N	Daylight	Darkness	Race	N	Daylight
NW	22	18.4%	18.2%	NW	N/A	N/A
White	98	81.6%	81.8%	White	N/A	N/A
Chi-square, X-tab ⁶ :		.979	not sig.	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		1.335	not sig.	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	57.1%	0.0%	42.9%	0.0%	NW	0
Hispanic	55.6%	11.1%	33.3%	0.0%	White	1
White	74.8%	18.9%	3.6%	2.7%		
Other	100.0%	0.0%	0.0%	0.0%		
Chi-square, X-tab ⁸ :		.001* sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HAVERHILL POLICE DEPARTMENT**

Total Citations ¹ : 5,210	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	55.9%	Citations per 1000	
	Passing through:	44.1%	18 + residents:	105.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,937)				ITP Stops ³ (N = 2,243)			
Mean age				Mean age			
36.58				36.4			
Gender %				Gender %			
Female 35.8%				Female 35.9%			
Male 64.1%				Male 63.9%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.8%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 5.6%				AA/Black 4.8%			
Hispanic 22.3%				Hispanic 21.2%			
White 71.2%				White 73.0%			
Other 1.0%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	5.6%	3.6%	2.0%	AA/Black	5.6%	-8.8%
Hispanic	22.3%	23.2%	-0.9%	Hispanic	22.3%	7.8%
White	71.2%	69.7%	1.5%	White	71.2%	4.8%
Other	1.0%	6.2%	-5.2%	Other	1.0%	-3.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,286	25.1%	34.6%	NW	531	22.3%	32.8%
White	3,173	74.9%	65.4%	White	1,474	77.7%	67.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .630* sig.				Odds ratio Exp(B) ⁷ : .505* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.3%	17.2%	19.6%	3.9%	NW	4	N/A
Hispanic	61.2%	13.7%	21.2%	3.8%	White	13	N/A
White	58.7%	25.4%	13.3%	2.6%			
Other	68.1%	19.1%	8.5%	4.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HINGHAM POLICE DEPARTMENT**

Total Citations ¹ : 3,307	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.2%	Citations per 1000	
	Passing through:	73.8%	18 + residents:	181.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,180)				ITP Stops ³ (N = 1,056)			
Mean age				Mean age			
41.21				40.2			
Gender %				Gender %			
Female 41.4%				Female 42.1%			
Male 58.6%				Male 57.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 3.0%			
AA/Black 4.7%				AA/Black 4.8%			
Hispanic 3.2%				Hispanic 3.4%			
White 89.5%				White 89.0%			
Other 2.6%				Other 2.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.7%	0.5%	4.2%	AA/Black	4.7%	14.4%	-9.7%
Hispanic	3.2%	1.1%	2.1%	Hispanic	3.2%	14.5%	-11.3%
White	89.5%	95.2%	-5.7%	White	89.5%	66.4%	23.1%
Other	2.6%	3.3%	-0.7%	Other	2.6%	4.6%	-2.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	313	9.0%	15.0%	NW	101	9.8%	13.7%
White	2,683	91.0%	85.0%	White	811	90.2%	86.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .081 not sig.			
Odds ratio Exp(B) ⁷ : .561* sig.				Odds ratio Exp(B) ⁷ : .633 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.7%	7.1%	11.0%	3.2%	NW	0	N/A
Hispanic	76.7%	6.0%	16.4%	0.9%	White	2	N/A
White	86.8%	9.5%	2.9%	0.8%			
Other	87.1%	8.2%	3.5%	1.2%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HOLBROOK POLICE DEPARTMENT

Total Citations ¹ : 258	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		24.5%	Citations per 1000 18 + residents:		
	Passing through:		75.5%	39.6		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 299)				ITP Stops³ (N = N/A)		
Mean age				Mean age		
43				N/A		
Gender %				Gender %		
Female		31.9%		Female		N/A
Male		68.1%		Male		N/A
Non-binary		0.0%		Non-binary		N/A
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		0.3%				N/A
AA/Black		28.2%		AA/Black		N/A
Hispanic		10.4%		Hispanic		N/A
White		57.7%		White		N/A
Other		3.7%		Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	28.2%	16.8%	N/A	AA/Black	28.2%	14.4%
Hispanic	10.4%	6.7%	N/A	Hispanic	10.4%	14.5%
White	57.7%	72.1%	N/A	White	57.7%	66.4%
Other	3.7%	7.0%	N/A	Other	3.7%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	120	38.1%	50.6%	NW	N/A	N/A
White	167	61.9%	49.4%	White	N/A	N/A
Chi-square, X-tab ⁶ :		.051	not sig.	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		.717	not sig.	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	63.7%	6.9%	25.5%	3.9%	NW	0
Hispanic	62.5%	2.5%	32.5%	2.5%	White	8
White	70.0%	5.5%	18.0%	6.5%		
Other	69.2%	0.0%	30.8%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.440	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLDEN POLICE DEPARTMENT**

Total Citations ¹ : 3,029	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.2%	Citations per 1000	
	Passing through:	74.8%	18 + residents:	205.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,014)				ITP Stops ³ (N = 979)			
Mean age				Mean age			
39.91				39.8			
Gender %				Gender %			
Female 45.0%				Female 42.5%			
Male 55.0%				Male 57.5%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 2.9%			
AA/Black 5.2%				AA/Black 4.7%			
Hispanic 5.2%				Hispanic 4.8%			
White 87.9%				White 89.1%			
Other 1.7%				Other 1.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.2%	0.9%	4.3%	AA/Black	5.2%	14.4%	-9.2%
Hispanic	5.2%	4.3%	0.9%	Hispanic	5.2%	14.5%	-9.3%
White	87.9%	91.5%	-3.6%	White	87.9%	66.4%	21.5%
Other	1.7%	3.8%	-2.1%	Other	1.7%	4.6%	-2.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	341	10.9%	16.0%	NW	97	9.9%	14.2%	NW	770	90.1%	85.8%
White	2,486	89.1%	84.0%	White	770	90.1%	85.8%	White	770	90.1%	85.8%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .068 not sig.				Chi-square, X-tab ⁶ : .068 not sig.			
Odds ratio Exp(B) ⁷ : .659* sig.				Odds ratio Exp(B) ⁷ : .472* sig.				Odds ratio Exp(B) ⁷ : .472* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	87.7%	5.8%	5.8%	0.6%	NW	0	N/A
Hispanic	90.8%	6.6%	2.6%	0.0%	White	0	N/A
White	87.8%	10.4%	1.2%	0.6%			
Other	90.2%	7.8%	2.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .001* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HOLLAND POLICE DEPARTMENT

Total Citations ¹ : 199	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		39.7%	Citations per 1000 18 + residents:		
	Passing through:		60.3%	N/A		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 199)				ITP Stops³ (N = N/A)		
Mean age				Mean age		
40.03				N/A		
Gender %				Gender %		
Female		37.1%		Female		N/A
Male		62.9%		Male		N/A
Non-binary		0.0%		Non-binary		N/A
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		1.5%				N/A
AA/Black		1.5%		AA/Black		N/A
Hispanic		3.6%		Hispanic		N/A
White		90.8%		White		N/A
Other		4.1%		Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	1.5%	N/A	N/A	AA/Black	1.5%	14.4%
Hispanic	3.6%	N/A	N/A	Hispanic	3.6%	14.5%
White	90.8%	N/A	N/A	White	90.8%	66.4%
Other	4.1%	N/A	N/A	Other	4.1%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	66.7%	0.0%	33.3%	0.0%	NW	0
Hispanic	71.4%	28.6%	0.0%	0.0%	White	0
White	72.5%	22.5%	5.1%	0.0%		
Other	37.5%	50.0%	12.5%	0.0%		
Chi-square, X-tab ⁶ :		.131	<i>not sig.</i>			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLLISTON POLICE DEPARTMENT**

Total Citations ¹ : 2,051	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.5%	Citations per 1000	
	Passing through:	80.5%	18 + residents:	184.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,020)				ITP Stops ³ (N = 1,102)			
Mean age				Mean age			
38.26				38.41			
Gender %				Gender %			
Female		36.3%		Female		35.6%	
Male		63.7%		Male		64.4%	
Non-binary		0.0%		Non-binary		0.0%	
Race % Mis/Unk ⁴				Race % Mis/Unk ⁴			
AA/Black		6.7%		AA/Black		6.6%	
Hispanic		7.1%		Hispanic		6.5%	
White		84.2%		White		85.0%	
Other		2.0%		Other		1.9%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.7%	1.2%	5.5%	AA/Black	6.7%	14.4%	-7.7%
Hispanic	7.1%	3.9%	3.2%	Hispanic	7.1%	14.5%	-7.4%
White	84.2%	87.4%	-3.2%	White	84.2%	66.4%	17.8%
Other	2.0%	7.8%	-5.8%	Other	2.0%	4.6%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	292	14.4%	18.7%	NW	141	14.1%	16.3%
White	1,557	85.6%	81.3%	White	808	85.9%	83.7%
Chi-square, X-tab ⁶ :		.018*	sig.	Chi-square, X-tab ⁶ :		.347	not sig.
Odds ratio Exp(B) ⁷ :		.860	not sig.	Odds ratio Exp(B) ⁷ :		1.487	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.7%	14.4%	11.4%	1.5%	NW	1	N/A
Hispanic	45.1%	12.5%	36.8%	5.6%	White	2	N/A
White	80.5%	8.2%	9.5%	1.7%			
Other	89.7%	10.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLYOKE POLICE DEPARTMENT**

Total Citations ¹ : 867	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	42.1%	Citations per 1000	
	Passing through:	57.9%	18 + residents:	28.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 773)				ITP Stops ³ (N = 190)			
Mean age				Mean age			
35.52				35.38			
Gender %				Gender %			
Female 36.3%				Female 34.0%			
Male 63.7%				Male 66.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.7%				Race % Mis/Unk ⁴ 2.1%			
AA/Black 6.9%				AA/Black 4.3%			
Hispanic 17.7%				Hispanic 30.6%			
White 74.6%				White 64.5%			
Other 0.8%				Other 0.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.9%	4.5%	2.4%	AA/Black	6.9%	14.4%	-7.5%
Hispanic	17.7%	53.9%	-36.2%	Hispanic	17.7%	14.5%	3.2%
White	74.6%	41.3%	33.3%	White	74.6%	66.4%	8.2%
Other	0.8%	3.7%	-2.9%	Other	0.8%	4.6%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	150	25.6%	30.2%	NW	60	37.4%	38.5%
White	401	74.4%	69.8%	White	99	62.6%	61.5%
Chi-square, X-tab ⁶ :		.250	not sig.	Chi-square, X-tab ⁶ :		.895	not sig.
Odds ratio Exp(B) ⁷ :		.883	not sig.	Odds ratio Exp(B) ⁷ :		.957	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	37.5%	8.9%	30.4%	23.2%	NW	4	
Hispanic	56.0%	14.0%	14.0%	16.0%	White	12	
White	39.0%	12.6%	25.3%	23.1%			
Other	50.0%	25.0%	25.0%	0.0%	Counts	Percent	
Chi-square, X-tab ⁶ :		.007*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOPEDALE POLICE DEPARTMENT**

Total Citations ¹ : 273	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.7%	Citations per 1000	
	Passing through:	83.3%	18 + residents:	60.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 258)				ITP Stops ³ (N = 146)			
Mean age				Mean age			
35.26				33.24			
Gender %				Gender %			
Female		28.7%		Female		28.0%	
Male		71.3%		Male		72.0%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.1%				4.1%	
AA/Black		4.4%		AA/Black		3.6%	
Hispanic		14.8%		Hispanic		15.7%	
White		79.2%		White		78.6%	
Other		1.6%		Other		2.1%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.4%	0.3%	4.1%	AA/Black	4.4%	14.4%	-10.0%
Hispanic	14.8%	1.0%	13.8%	Hispanic	14.8%	14.5%	0.3%
White	79.2%	96.1%	-16.9%	White	79.2%	66.4%	12.8%
Other	1.6%	2.7%	-1.1%	Other	1.6%	4.6%	-3.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	19.1%	25.4%	NW	28	21.4%	22.2%
White	184	80.9%	74.6%	White	102	78.6%	77.8%
Chi-square, X-tab ⁶ :		.299	not sig.	Chi-square, X-tab ⁶ :		.923	not sig.
Odds ratio Exp(B) ⁷ :		.713	not sig.	Odds ratio Exp(B) ⁷ :		1.273	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	16.7%	8.3%	58.3%	16.7%	NW	0	
Hispanic	12.2%	2.4%	82.9%	2.4%	White	2	
White	54.8%	18.8%	23.6%	2.9%			
Other	25.0%	0.0%	75.0%	0.0%			
Chi-square, X-tab ⁶ :		.000*	sig.			Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOPKINTON POLICE DEPARTMENT**

Total Citations ¹ : 1,260	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.6%	Citations per 1000	
	Passing through:	70.4%	18 + residents:	92.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,229)				ITP Stops ³ (N = 498)			
Mean age				Mean age			
37.62				38.72			
Gender %				Gender %			
Female 33.1%				Female 29.5%			
Male 66.9%				Male 70.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 5.6%				AA/Black 4.7%			
Hispanic 17.1%				Hispanic 15.6%			
White 66.8%				White 69.2%			
Other 10.5%				Other 10.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.6%	1.9%	3.7%	AA/Black	5.6%	14.4%	-8.8%
Hispanic	17.1%	3.2%	13.9%	Hispanic	17.1%	14.5%	2.6%
White	66.8%	81.6%	-14.8%	White	66.8%	66.4%	0.4%
Other	10.5%	13.3%	-2.8%	Other	10.5%	4.6%	5.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	379	30.1%	39.3%	NW	128	30.0%	32.9%
White	751	69.9%	60.7%	White	285	70.0%	67.1%
Chi-square, X-tab ⁶ : .002* sig.				Chi-square, X-tab ⁶ : .557 not sig.			
Odds ratio Exp(B) ⁷ : .690* sig.				Odds ratio Exp(B) ⁷ : 1.112 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.3%	5.7%	18.6%	1.4%	NW	2	N/A
Hispanic	46.2%	12.9%	35.7%	5.2%	White	2	N/A
White	75.8%	13.1%	8.7%	2.4%			
Other	79.5%	13.4%	5.5%	1.6%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HUBBARDSTON POLICE DEPARTMENT**

Total Citations ¹ : 372	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.2%	Citations per 1000	
	Passing through:	78.8%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 347)				ITP Stops ³ (N = 160)			
Mean age				Mean age			
35.94				35.06			
Gender %				Gender %			
Female 35.3%				Female 34.4%			
Male 64.7%				Male 65.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 5.9%				AA/Black 4.4%			
Hispanic 10.9%				Hispanic 9.4%			
White 82.4%				White 85.6%			
Other 0.9%				Other 0.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.9%	N/A	N/A	AA/Black	5.9%	14.4%	-8.5%
Hispanic	10.9%	N/A	N/A	Hispanic	10.9%	14.5%	-3.6%
White	82.4%	N/A	N/A	White	82.4%	66.4%	16.0%
Other	0.9%	N/A	N/A	Other	0.9%	4.6%	-3.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	60	15.5%	29.9%	NW	23	12.1%	25.7%
White	256	84.5%	70.1%	White	128	87.9%	74.3%
Chi-square, X-tab ⁶ : .005* sig.				Chi-square, X-tab ⁶ : .049* sig.			
Odds ratio Exp(B) ⁷ : .429* sig.				Odds ratio Exp(B) ⁷ : .604 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	33.3%	19.0%	47.6%	0.0%	NW	0	N/A
Hispanic	21.6%	8.1%	67.6%	2.7%	White	1	N/A
White	34.9%	14.5%	49.7%	1.0%			
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .424 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HUDSON POLICE DEPARTMENT**

Total Citations ¹ : 1,000	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	36.6%	Citations per 1000	
	Passing through:	63.4%	18 + residents:	62.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 958)				ITP Stops ³ (N = 466)			
Mean age				Mean age			
38.55				38.27			
Gender %				Gender %			
Female 36.9%				Female 32.9%			
Male 63.0%				Male 66.9%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 9.2%				Race % Mis/Unk ⁴ 11.6%			
AA/Black 3.4%				AA/Black 3.2%			
Hispanic 7.4%				Hispanic 7.0%			
White 87.1%				White 87.1%			
Other 2.1%				Other 2.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.4%	1.2%	2.2%	AA/Black	3.4%	14.4%	-11.0%
Hispanic	7.4%	5.8%	1.6%	Hispanic	7.4%	14.5%	-7.1%
White	87.1%	89.2%	-2.1%	White	87.1%	66.4%	20.7%
Other	2.1%	3.5%	-1.4%	Other	2.1%	4.6%	-2.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	105	11.5%	15.7%	NW	46	11.7%	12.9%
White	725	88.5%	84.3%	White	334	88.3%	87.1%
Chi-square, X-tab ⁶ : .107 <i>not sig.</i>				Chi-square, X-tab ⁶ : .740 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .735 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .696 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.1%	6.3%	12.5%	3.1%	NW	13	N/A
Hispanic	50.7%	15.9%	29.0%	4.3%	White	51	N/A
White	78.9%	9.0%	9.1%	3.0%			
Other	88.9%	11.1%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HULL POLICE DEPARTMENT**

Total Citations ¹ : 747	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	31.9%	Citations per 1000	
	Passing through:	68.1%	18 + residents:	82

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 700)				ITP Stops ³ (N = 319)			
Mean age				Mean age			
38.23				38.6			
Gender %				Gender %			
Female 35.4%				Female 37.3%			
Male 64.6%				Male 62.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 6.1%				Race % Mis/Unk ⁴ 6.0%			
AA/Black 7.6%				AA/Black 6.7%			
Hispanic 3.3%				Hispanic 4.0%			
White 87.1%				White 86.3%			
Other 2.0%				Other 3.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.6%	0.5%	7.1%	AA/Black	7.6%	14.4%	-6.8%
Hispanic	3.3%	1.7%	1.6%	Hispanic	3.3%	14.5%	-11.2%
White	87.1%	94.6%	-7.5%	White	87.1%	66.4%	20.7%
Other	2.0%	3.1%	-1.1%	Other	2.0%	4.6%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	75	12.9%	12.5%	NW	35	16.1%	10.2%
White	515	87.1%	87.5%	White	226	83.9%	89.8%
Chi-square, X-tab ⁶ : .884 <i>not sig.</i>				Chi-square, X-tab ⁶ : .163 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : 1.151 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : 1.706 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	53.8%	19.2%	21.2%	5.8%	NW	3	N/A
Hispanic	50.0%	18.2%	31.8%	0.0%	White	12	N/A
White	61.9%	17.3%	16.4%	4.4%			
Other	84.6%	15.4%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .367 <i>not sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
IPSWICH POLICE DEPARTMENT**

Total Citations ¹ : 221	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	37.7%	Citations per 1000	
	Passing through:	62.3%	18 + residents:	19.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 183)				ITP Stops ³ (N = 96)			
Mean age				Mean age			
35.98				38.27			
Gender %				Gender %			
Female 37.2%				Female 41.7%			
Male 62.8%				Male 58.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 1.7%				AA/Black 1.1%			
Hispanic 8.9%				Hispanic 9.5%			
White 87.8%				White 86.3%			
Other 1.7%				Other 3.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.7%	2.2%	-0.5%	AA/Black	1.7%	14.4%	-12.7%
Hispanic	8.9%	4.2%	4.7%	Hispanic	8.9%	14.5%	-5.6%
White	87.8%	92.0%	-4.2%	White	87.8%	66.4%	21.4%
Other	1.7%	2.0%	-0.3%	Other	1.7%	4.6%	-2.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	11.3%	15.0%	NW	13	12.5%	18.5%
White	153	88.7%	85.0%	White	78	87.5%	81.5%
Chi-square, X-tab ⁶ :		.484	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.454	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.659	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.098	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.7%	33.3%	0.0%	0.0%	NW	0	N/A
Hispanic	27.8%	27.8%	33.3%	11.1%	White	2	N/A
White	42.3%	29.4%	17.0%	11.3%			
Other	0.0%	33.3%	66.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.362	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT KINGSTON POLICE DEPARTMENT

Total Citations ¹ : 174	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		28.1%	Citations per 1000 18 + residents: 38.4					
	Passing through:		71.9%						
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops² (N = 153)				ITP Stops³ (N = N/A)					
Mean age				Mean age					
32.43				N/A					
Gender %				Gender %					
Female		38.6%		Female		N/A			
Male		60.8%		Male		N/A			
Non-binary		0.7%		Non-binary		N/A			
Race %		Mis/Unk ⁴	5.9%	Race %		Mis/Unk ⁴	N/A		
AA/Black		4.2%		AA/Black		N/A			
Hispanic		2.8%		Hispanic		N/A			
White		92.4%		White		N/A			
Other		0.7%		Other		N/A			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		4.2%	0.6%	3.6%	AA/Black		4.2%	14.4%	-10.2%
Hispanic		2.8%	3.8%	-1.0%	Hispanic		2.8%	14.5%	-11.7%
White		92.4%	93.6%	-1.2%	White		92.4%	66.4%	26.0%
Other		0.7%	2.0%	-1.3%	Other		0.7%	4.6%	-3.9%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
VoD Analyses									
All Stops ²				ITP Stops ³					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		N/A	N/A	N/A	NW		N/A	N/A	N/A
White		N/A	N/A	N/A	White		N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :	
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race⁸									
		Warning	Civil	Criminal	Arrest		Search?		
AA/Black		66.7%	0.0%	33.3%	0.0%	NW	3	N/A	
Hispanic		0.0%	0.0%	100.0%	0.0%	White	5	N/A	
White		71.2%	8.5%	15.7%	4.6%				
Other		100.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab ⁶ :		.015*	sig.						
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LAKEVILLE POLICE DEPARTMENT**

Total Citations ¹ : 508	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		24.3%	Citations per 1000					
	Passing through:		75.7%	18 + residents:		55.6			
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops² (N = 452)				ITP Stops³ (N = 109)					
Mean age				Mean age					
34.35				34.77					
Gender %				Gender %					
Female		29.6%		Female		35.8%			
Male		70.4%		Male		64.2%			
Non-binary		0.0%		Non-binary		0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴			
		4.9%				1.8%			
AA/Black		6.7%		AA/Black		6.5%			
Hispanic		4.0%		Hispanic		4.7%			
White		87.9%		White		87.9%			
Other		1.4%		Other		0.9%			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		6.7%	2.0%	4.7%	AA/Black		6.7%	14.4%	-7.7%
Hispanic		4.0%	2.8%	1.2%	Hispanic		4.0%	14.5%	-10.5%
White		87.9%	92.4%	-4.5%	White		87.9%	66.4%	21.5%
Other		1.4%	3.0%	-1.6%	Other		1.4%	4.6%	-3.2%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
VoD Analyses									
All Stops²				ITP Stops³					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		49	10.1%	19.6%	NW		N/A	N/A	N/A
White		350	89.9%	80.4%	White		N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.015*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A	Odds ratio Exp(B) ⁷ :	
Odds ratio Exp(B) ⁷ :		.386*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A		
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race⁸									
		Warning	Civil	Criminal	Arrest	NW	Search?		
AA/Black		25.0%	46.9%	12.5%	15.6%	White	0	N/A	
Hispanic		15.8%	15.8%	68.4%	0.0%		6	N/A	
White		35.0%	27.7%	32.9%	4.5%				
Other		57.1%	14.3%	28.6%	0.0%		Counts	Percent	
Chi-square, X-tab ⁶ :		.001*	sig.						
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LANCASTER POLICE DEPARTMENT**

Total Citations ¹ : 463	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.5%	Citations per 1000	
	Passing through:	93.5%	18 + residents:	70.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 445)				ITP Stops ³ (N = 94)			
Mean age				Mean age			
34.8				33.7			
Gender %				Gender %			
Female 43.6%				Female 31.2%			
Male 56.4%				Male 68.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.4%				Race % Mis/Unk ⁴ 2.1%			
AA/Black 7.2%				AA/Black 3.3%			
Hispanic 17.2%				Hispanic 23.9%			
White 73.0%				White 71.7%			
Other 2.6%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.2%	7.4%	-0.2%	AA/Black	7.2%	14.4%	-7.2%
Hispanic	17.2%	7.3%	9.9%	Hispanic	17.2%	14.5%	2.7%
White	73.0%	81.4%	-8.4%	White	73.0%	66.4%	6.6%
Other	2.6%	4.8%	-2.2%	Other	2.6%	4.6%	-2.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	113	25.8%	33.9%	NW	26	26.7%	28.0%
White	307	74.2%	66.1%	White	62	73.3%	72.0%
Chi-square, X-tab ⁶ :		.191	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.900	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.592	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.046	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	17.6%	70.6%	11.8%	0.0%	NW	0	N/A
Hispanic	32.4%	55.4%	12.2%	0.0%	White	0	N/A
White	29.0%	59.1%	11.0%	0.9%			
Other	9.1%	81.8%	9.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.706	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LAWRENCE POLICE DEPARTMENT**

Total Citations ¹ : 8,310	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	61.9%	Citations per 1000	
	Passing through:	38.1%	18 + residents:	140.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,943)				ITP Stops ³ (N = 1,132)			
Mean age				Mean age			
38.14				35.94			
Gender %				Gender %			
Female 35.9%				Female 31.5%			
Male 64.0%				Male 68.4%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 4.6%				Race % Mis/Unk ⁴ 5.9%			
AA/Black 4.9%				AA/Black 3.4%			
Hispanic 71.6%				Hispanic 72.6%			
White 22.3%				White 22.3%			
Other 1.3%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.9%	5.7%	-0.8%	AA/Black	4.9%	14.4%	-9.5%
Hispanic	71.6%	80.6%	-9.0%	Hispanic	71.6%	14.5%	57.1%
White	22.3%	14.8%	7.5%	White	22.3%	66.4%	-44.1%
Other	1.3%	5.1%	-3.8%	Other	1.3%	4.6%	-3.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	5,620	77.4%	80.6%	NW	730	76.7%	78.6%
White	1,602	22.6%	19.4%	White	215	23.3%	21.4%
Chi-square, X-tab ⁶ :		0.32*	sig.	Chi-square, X-tab ⁶ :		.517	not sig.
Odds ratio Exp(B) ⁷ :		.848	not sig.	Odds ratio Exp(B) ⁷ :		1.192	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.8%	13.3%	10.4%	0.5%	NW	29	N/A
Hispanic	77.8%	15.6%	5.6%	1.0%	White	4	N/A
White	79.6%	12.3%	7.1%	1.0%			
Other	85.3%	7.8%	5.9%	1.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEE POLICE DEPARTMENT**

Total Citations ¹ : 127	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		21.8%	Citations per 1000 18 + residents: 26.7			
	Passing through:		78.2%				
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 87)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
42.73				N/A			
Gender %				Gender %			
Female		36.8%		Female		N/A	
Male		63.2%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		0.0%				N/A	
AA/Black		6.9%		AA/Black		N/A	
Hispanic		1.1%		Hispanic		N/A	
White		92.0%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.9%	0.3%	6.6%	AA/Black	6.9%	14.4%	-7.5%
Hispanic	1.1%	2.5%	-1.4%	Hispanic	1.1%	14.5%	-13.4%
White	92.0%	90.9%	1.1%	White	92.0%	66.4%	25.6%
Other	0.0%	3.6%	-3.6%	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	37.5%	12.5%	50.0%	0.0%	NW	0	N/A
Hispanic	33.3%	33.3%	0.0%	33.3%	White	2	N/A
White	53.0%	12.2%	27.8%	7.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .302 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEICESTER POLICE DEPARTMENT**

Total Citations ¹ : 975	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.3%	Citations per 1000	
	Passing through:	87.7%	18 + residents:	105.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 949)				ITP Stops ³ (N = 297)			
Mean age				Mean age			
36.23				35.37			
Gender %				Gender %			
Female 37.6%				Female 32.3%			
Male 62.4%				Male 67.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.8%				Race % Mis/Unk ⁴ 0.3%			
AA/Black 10.8%				AA/Black 11.8%			
Hispanic 19.7%				Hispanic 23.3%			
White 66.6%				White 63.5%			
Other 2.9%				Other 1.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.8%	3.2%	7.6%	AA/Black	10.8%	14.4%	-3.6%
Hispanic	19.7%	3.8%	15.9%	Hispanic	19.7%	14.5%	5.2%
White	66.6%	91.0%	-24.4%	White	66.6%	66.4%	0.2%
Other	2.9%	2.5%	0.4%	Other	2.9%	4.6%	-1.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	298	27.7%	43.5%	NW	94	33.3%	40.2%
White	600	72.3%	56.5%	White	171	66.7%	59.8%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.277	not sig.
Odds ratio Exp(B) ⁷ :		.540*	sig.	Odds ratio Exp(B) ⁷ :		.714	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.3%	8.5%	28.3%	0.9%	NW	5	N/A
Hispanic	50.3%	18.2%	25.7%	5.9%	White	10	N/A
White	62.6%	18.4%	14.7%	4.3%			
Other	66.7%	18.5%	14.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LENOX POLICE DEPARTMENT**

Total Citations ¹ : 487	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		7.4%	Citations per 1000			
	Passing through:		92.6%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 476)			ITP Stops³ (N = 175)				
Mean age			Mean age				
39.47			38.4				
Gender %			Gender %				
Female 41.9%			Female 43.4%				
Male 57.7%			Male 56.0%				
Non-binary 0.4%			Non-binary 0.6%				
Race % Mis/Unk ⁴ 2.7%			Race % Mis/Unk ⁴ 2.3%				
AA/Black 8.0%			AA/Black 6.4%				
Hispanic 3.5%			Hispanic 2.3%				
White 87.3%			White 90.6%				
Other 1.3%			Other 0.6%				
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.0%	N/A	N/A	AA/Black	8.0%	14.4%	-6.4%
Hispanic	3.5%	N/A	N/A	Hispanic	3.5%	14.5%	-11.0%
White	87.3%	N/A	N/A	White	87.3%	66.4%	20.9%
Other	1.3%	N/A	N/A	Other	1.3%	4.6%	-3.3%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	55	10.8%	22.0%	NW	N/A	N/A	N/A
White	359	89.2%	78.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .006* sig.			Chi-square, X-tab ⁶ : N/A N/A				
Odds ratio Exp(B) ⁷ : .478* sig.			Odds ratio Exp(B) ⁷ : N/A N/A				
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	67.6%	13.5%	18.9%	0.0%	NW	0	N/A
Hispanic	62.5%	6.3%	31.3%	0.0%	White	1	N/A
White	79.3%	12.5%	7.5%	0.7%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .041* sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEOMINSTER POLICE DEPARTMENT**

Total Citations ¹ : 2,340	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	45.1%	Citations per 1000	
	Passing through:	54.9%	18 + residents:	71.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,211)				ITP Stops ³ (N = 245)			
Mean age				Mean age			
42.17				38.06			
Gender %				Gender %			
Female 49.3%				Female 40.5%			
Male 50.7%				Male 59.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 8.2%				AA/Black 7.5%			
Hispanic 19.4%				Hispanic 25.7%			
White 69.7%				White 63.5%			
Other 2.7%				Other 3.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.2%	6.7%	1.5%	AA/Black	8.2%	14.4%	-6.2%
Hispanic	19.4%	18.4%	1.0%	Hispanic	19.4%	14.5%	4.9%
White	69.7%	69.3%	0.4%	White	69.7%	66.4%	3.3%
Other	2.7%	6.8%	-4.1%	Other	2.7%	4.6%	-1.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	647	28.6%	44.8%	NW	78	29.6%	41.1%
White	1,505	71.4%	55.2%	White	144	70.4%	58.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .072 not sig.			
Odds ratio Exp(B) ⁷ : .507* sig.				Odds ratio Exp(B) ⁷ : .463 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.6%	5.8%	11.0%	2.6%	NW	3	N/A
Hispanic	76.0%	7.2%	15.3%	1.5%	White	2	N/A
White	86.4%	5.1%	6.7%	1.8%			
Other	81.7%	5.0%	13.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEVERETT POLICE DEPARTMENT**

Total Citations ¹ : 279	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	14.9%	Citations per 1000	
	Passing through:	85.1%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 275)				ITP Stops ³ (N = 136)			
Mean age				Mean age			
41.53				39.02			
Gender %				Gender %			
Female		45.0%		Female		43.3%	
Male		55.0%		Male		56.7%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
AA/Black		7.0%		AA/Black		6.8%	
Hispanic		1.5%		Hispanic		2.3%	
White		90.4%		White		89.4%	
Other		1.1%		Other		1.5%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.0%	N/A	N/A	AA/Black	7.0%	14.4%	-7.4%
Hispanic	1.5%	N/A	N/A	Hispanic	1.5%	14.5%	-13.0%
White	90.4%	N/A	N/A	White	90.4%	66.4%	24.0%
Other	1.1%	N/A	N/A	Other	1.1%	4.6%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	8.6%	13.4%	NW	14	12.1%	11.3%
White	227	91.4%	86.6%	White	105	87.9%	88.7%
Chi-square, X-tab ⁶ :		.262	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.893	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.861	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.804	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	60.0%	10.0%	30.0%	0.0%	NW	0	
Hispanic	50.0%	50.0%	0.0%	0.0%	White	2	
White	85.8%	6.1%	6.9%	1.2%			
Other	100.0%	0.0%	0.0%	0.0%	Counts	Percent	
Chi-square, X-tab ⁶ :		.002*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEXINGTON POLICE DEPARTMENT**

Total Citations ¹ : 1,291	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.4%	Citations per 1000	
	Passing through:	71.6%	18 + residents:	53.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,114)				ITP Stops ³ (N = 238)			
Mean age				Mean age			
41.94				41.07			
Gender %				Gender %			
Female 43.8%				Female 40.3%			
Male 56.1%				Male 59.7%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.7%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 7.3%				AA/Black 9.8%			
Hispanic 8.3%				Hispanic 6.0%			
White 63.6%				White 60.0%			
Other 20.8%				Other 24.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.3%	1.3%	6.0%	AA/Black	7.3%	14.4%	-7.1%
Hispanic	8.3%	2.1%	6.2%	Hispanic	8.3%	14.5%	-6.2%
White	63.6%	62.7%	0.9%	White	63.6%	66.4%	-2.8%
Other	20.8%	34.0%	-13.2%	Other	20.8%	4.6%	16.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	392	35.0%	46.3%	NW	84	38.3%	43.7%
White	676	65.0%	53.7%	White	123	61.7%	56.3%
Chi-square, X-tab ⁶ : .006* sig.				Chi-square, X-tab ⁶ : .440 not sig.			
Odds ratio Exp(B) ⁷ : .625* sig.				Odds ratio Exp(B) ⁷ : .603 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.4%	29.7%	13.9%	0.0%	NW	0	N/A
Hispanic	33.0%	41.5%	21.7%	3.8%	White	0	N/A
White	54.2%	37.1%	6.6%	2.1%			
Other	50.0%	46.9%	2.4%	0.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEYDEN POLICE DEPARTMENT**

Total Citations ¹ : 137	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		40.3%	Citations per 1000			
	Passing through:		59.7%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops²			(N = 134)				
Mean age			Mean age				
39.4			N/A				
Gender %			Gender %				
Female 28.4%			Female N/A				
Male 71.6%			Male N/A				
Non-binary 0.0%			Non-binary N/A				
Race % Mis/Unk ⁴ 6.7%			Race % Mis/Unk ⁴ N/A				
AA/Black 2.4%			AA/Black N/A				
Hispanic 0.0%			Hispanic N/A				
White 97.6%			White N/A				
Other 0.0%			Other N/A				
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.4%	N/A	N/A	AA/Black	2.4%	14.4%	-12.0%
Hispanic	0.0%	N/A	N/A	Hispanic	0.0%	14.5%	-14.5%
White	97.6%	N/A	N/A	White	97.6%	66.4%	31.2%
Other	0.0%	N/A	N/A	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	33.3%	0.0%	66.7%	0.0%	NW	0	N/A
Hispanic	0.0%	0.0%	0.0%	0.0%	White	1	N/A
White	10.4%	80.0%	9.6%	0.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.002* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LINCOLN POLICE DEPARTMENT**

Total Citations ¹ : 779	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	7.5%	Citations per 1000	
	Passing through:	92.5%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 745)				ITP Stops ³ (N = 288)			
Mean age				Mean age			
39.43				43.22			
Gender %				Gender %			
Female 31.6%				Female 31.6%			
Male 68.4%				Male 68.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.3%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 13.7%				AA/Black 7.6%			
Hispanic 13.5%				Hispanic 9.4%			
White 63.9%				White 71.5%			
Other 8.9%				Other 11.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.7%	N/A	N/A	AA/Black	13.7%	14.4%	-0.7%
Hispanic	13.5%	N/A	N/A	Hispanic	13.5%	14.5%	-1.0%
White	63.9%	N/A	N/A	White	63.9%	66.4%	-2.5%
Other	8.9%	N/A	N/A	Other	8.9%	4.6%	4.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	261	25.6%	45.3%	NW	75	27.3%	31.6%
White	453	74.4%	54.7%	White	185	72.7%	68.4%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.461	not sig.
Odds ratio Exp(B) ⁷ :		.419*	sig.	Odds ratio Exp(B) ⁷ :		.795	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.9%	17.3%	3.8%	1.0%	NW	0	N/A
Hispanic	52.5%	21.8%	21.8%	4.0%	White	1	N/A
White	76.9%	17.5%	3.6%	2.0%			
Other	81.8%	16.7%	1.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LITTLETON POLICE DEPARTMENT**

Total Citations ¹ : 684	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.3%	Citations per 1000	
	Passing through:	87.7%	18 + residents:	87.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 649)				ITP Stops ³ (N = 253)			
Mean age				Mean age			
36.86				37.81			
Gender %				Gender %			
Female 28.0%				Female 31.3%			
Male 72.0%				Male 68.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 9.2%				AA/Black 8.1%			
Hispanic 10.0%				Hispanic 6.9%			
White 71.5%				White 71.5%			
Other 9.2%				Other 13.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.2%	0.6%	8.6%	AA/Black	9.2%	14.4%	-5.2%
Hispanic	10.0%	1.3%	8.7%	Hispanic	10.0%	14.5%	-4.5%
White	71.5%	89.0%	-17.5%	White	71.5%	66.4%	5.1%
Other	9.2%	8.8%	0.4%	Other	9.2%	4.6%	4.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	171	26.8%	31.4%	NW	63	27.1%	31.1%
White	418	73.2%	68.6%	White	156	72.9%	68.9%
Chi-square, X-tab ⁶ : .217 <i>not sig.</i>				Chi-square, X-tab ⁶ : .522 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .817 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .907 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.3%	8.3%	18.3%	10.0%	NW	5	N/A
Hispanic	62.5%	6.3%	26.6%	4.7%	White	8	N/A
White	71.3%	11.9%	12.1%	4.8%			
Other	67.8%	18.6%	8.5%	5.1%		Counts	Percent
Chi-square, X-tab ⁶ : .023* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LONGMEADOW POLICE DEPARTMENT**

Total Citations ¹ : 464	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.5%	Citations per 1000	
	Passing through:	70.5%	18 + residents:	38.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 396)				ITP Stops ³ (N = 119)			
Mean age				Mean age			
36.83				37.65			
Gender %				Gender %			
Female 39.0%				Female 38.1%			
Male 61.0%				Male 61.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 11.5%				AA/Black 7.6%			
Hispanic 4.1%				Hispanic 5.1%			
White 81.3%				White 83.1%			
Other 3.1%				Other 4.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.5%	0.9%	10.6%	AA/Black	11.5%	14.4%	-2.9%
Hispanic	4.1%	6.8%	-2.7%	Hispanic	4.1%	14.5%	-10.4%
White	81.3%	84.4%	-3.1%	White	81.3%	66.4%	14.9%
Other	3.1%	8.5%	-5.4%	Other	3.1%	4.6%	-1.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	14.3%	21.7%	NW	18	12.1%	23.4%
White	274	85.7%	78.3%	White	87	87.9%	76.6%
Chi-square, X-tab ⁶ :		.079	not sig.	Chi-square, X-tab ⁶ :		.125	not sig.
Odds ratio Exp(B) ⁷ :		.648	not sig.	Odds ratio Exp(B) ⁷ :		.801	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.3%	10.2%	24.5%	0.0%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	0	N/A
White	84.6%	7.4%	8.0%	0.0%			
Other	66.7%	26.7%	6.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LOWELL POLICE DEPARTMENT**

Total Citations ¹ : 10,582	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	48.0%	Citations per 1000	
	Passing through:	52.0%	18 + residents:	121

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops² (N = 10,303)				ITP Stops³ (N = 3,470)			
Mean age				Mean age			
36.37				34.28			
Gender %				Gender %			
Female 38.8%				Female 33.0%			
Male 61.2%				Male 67.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.7%				Race % Mis/Unk ⁴ 3.5%			
AA/Black 12.3%				AA/Black 12.0%			
Hispanic 26.4%				Hispanic 29.2%			
White 49.2%				White 46.3%			
Other 12.2%				Other 12.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.3%	8.0%	4.3%	AA/Black	12.3%	14.4%	-2.1%
Hispanic	26.4%	18.1%	8.3%	Hispanic	26.4%	14.5%	11.9%
White	49.2%	48.7%	0.5%	White	49.2%	66.4%	-17.2%
Other	12.2%	26.4%	-14.2%	Other	12.2%	4.6%	7.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,799	48.7%	59.7%	NW	1,612	51.1%	57.2%
White	4,654	51.3%	40.3%	White	1,425	48.9%	42.8%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .002* sig.			
Odds ratio Exp(B) ⁷ : .652* sig.				Odds ratio Exp(B) ⁷ : .857 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	22.2%	71.7%	5.2%	0.9%	NW	11	N/A
Hispanic	18.6%	70.4%	9.3%	1.8%	White	14	N/A
White	18.2%	76.0%	5.1%	0.7%			
Other	22.4%	72.4%	4.4%	0.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LUDLOW POLICE DEPARTMENT**

Total Citations ¹ : 993	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	38.6%	Citations per 1000	
	Passing through:	61.4%	18 + residents:	57.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 846)				ITP Stops ³ (N = 442)			
Mean age				Mean age			
36.33				37.85			
Gender %				Gender %			
Female 36.2%				Female 36.7%			
Male 63.8%				Male 63.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 0.2%			
AA/Black 8.8%				AA/Black 5.9%			
Hispanic 5.9%				Hispanic 4.5%			
White 84.2%				White 88.7%			
Other 1.1%				Other 0.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.8%	1.4%	7.4%	AA/Black	8.8%	14.4%	-5.6%
Hispanic	5.9%	8.6%	-2.7%	Hispanic	5.9%	14.5%	-8.6%
White	84.2%	87.3%	-3.1%	White	84.2%	66.4%	17.8%
Other	1.1%	3.8%	-2.7%	Other	1.1%	4.6%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	106	12.1%	18.4%	NW	43	9.4%	13.7%
White	595	87.9%	81.6%	White	348	90.6%	86.3%
Chi-square, X-tab ⁶ : .020* sig.				Chi-square, X-tab ⁶ : .188 not sig.			
Odds ratio Exp(B) ⁷ : .592* sig.				Odds ratio Exp(B) ⁷ : .769 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.6%	7.1%	29.4%	5.9%	NW	2	N/A
Hispanic	35.6%	22.0%	28.8%	13.6%	White	3	N/A
White	63.7%	14.8%	15.8%	5.7%			
Other	70.0%	20.0%	10.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LUNENBERG POLICE DEPARTMENT**

Total Citations ¹ : 1,850	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.8%	Citations per 1000	
	Passing through:	77.2%	18 + residents:	204.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,786)				ITP Stops ³ (N = 559)			
Mean age				Mean age			
37.37				37.5			
Gender %				Gender %			
Female		41.5%		Female		39.3%	
Male		58.5%		Male		60.5%	
Non-binary		0.1%		Non-binary		0.2%	
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 2.1%			
AA/Black		6.8%		AA/Black		6.9%	
Hispanic		14.6%		Hispanic		14.6%	
White		76.8%		White		76.6%	
Other		1.8%		Other		1.8%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.8%	1.7%	5.1%	AA/Black	6.8%	14.4%	-7.6%
Hispanic	14.6%	5.9%	8.7%	Hispanic	14.6%	14.5%	0.1%
White	76.8%	88.4%	-11.6%	White	76.8%	66.4%	10.4%
Other	1.8%	4.0%	-2.2%	Other	1.8%	4.6%	-2.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	378	19.2%	32.3%	NW	106	18.2%	31.0%
White	1,255	80.8%	67.7%	White	353	81.8%	69.0%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.002*	sig.
Odds ratio Exp(B) ⁷ :		.511*	sig.	Odds ratio Exp(B) ⁷ :		.496*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.2%	5.7%	17.9%	3.3%	NW	1	N/A
Hispanic	69.9%	8.3%	18.0%	3.8%	White	3	N/A
White	83.5%	6.5%	8.2%	1.8%			
Other	84.8%	6.1%	9.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LYNN POLICE DEPARTMENT**

Total Citations ¹ : 3,822	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	60.7%	Citations per 1000	
	Passing through:	39.3%	18 + residents:	53.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,256)				ITP Stops ³ (N = 868)			
Mean age				Mean age			
36.92				35.44			
Gender %				Gender %			
Female 34.2%				Female 31.8%			
Male 65.6%				Male 68.2%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.8%				Race % Mis/Unk ⁴ 5.6%			
AA/Black 13.4%				AA/Black 12.7%			
Hispanic 42.1%				Hispanic 44.4%			
White 40.9%				White 39.3%			
Other 3.6%				Other 3.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.4%	13.7%	-0.3%	AA/Black	13.4%	14.4%	-1.0%
Hispanic	42.1%	42.8%	-0.7%	Hispanic	42.1%	14.5%	27.6%
White	40.9%	35.9%	5.0%	White	40.9%	66.4%	-25.5%
Other	3.6%	14.4%	-10.8%	Other	3.6%	4.6%	-1.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,601	58.1%	62.8%	NW	447	57.5%	62.5%
White	1,096	41.9%	37.2%	White	298	42.5%	37.5%
Chi-square, X-tab ⁶ :		.025*	sig.	Chi-square, X-tab ⁶ :		.160	not sig.
Odds ratio Exp(B) ⁷ :		.863	not sig.	Odds ratio Exp(B) ⁷ :		.630	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	52.5%	22.1%	21.6%	3.8%	NW	31	N/A
Hispanic	35.6%	26.1%	33.6%	4.7%	White	8	N/A
White	54.5%	24.8%	18.3%	2.4%			
Other	51.3%	34.2%	12.0%	2.6%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LYNNFIELD POLICE DEPARTMENT

Total Citations ¹ : 145	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		24.0%	Citations per 1000				
	Passing through:		76.0%	18 + residents:		14.8		
¹ Total citations issued by department, including multiple-citation encounters and crashes								
All Stops²			(N = 130)			ITP Stops³	(N = N/A)	
Mean age			34.77			Mean age		N/A
Gender %			Female 41.3%			Gender %		N/A
			Male 58.7%			Female		N/A
			Non-binary 0.0%			Male		N/A
Race % Mis/Unk ⁴			8.5%			Race % Mis/Unk ⁴		N/A
			AA/Black 6.7%			AA/Black		N/A
			Hispanic 16.0%			Hispanic		N/A
			White 75.6%			White		N/A
			Other 1.7%			Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	6.7%	1.2%	N/A	AA/Black	6.7%	14.4%	-7.7%	
Hispanic	16.0%	2.4%	N/A	Hispanic	16.0%	14.5%	1.5%	
White	75.6%	90.7%	N/A	White	75.6%	66.4%	9.2%	
Other	1.7%	6.3%	N/A	Other	1.7%	4.6%	-2.9%	
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops ²				ITP Stops ³				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	26	23.9%	29.0%	NW	N/A	N/A	N/A	
White	76	76.1%	71.0%	White	N/A	N/A	N/A	
Chi-square, X-tab ⁶ :		.588	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A	
Odds ratio Exp(B) ⁷ :		.899	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race⁸								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	44.4%	22.2%	22.2%	11.1%	NW	1	N/A	
Hispanic	38.1%	38.1%	23.8%	0.0%	White	0	N/A	
White	48.5%	35.4%	11.1%	5.1%				
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab ⁶ :		.764	not sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes								

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MALDEN POLICE DEPARTMENT**

Total Citations ¹ : 460	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.6%	Citations per 1000	
	Passing through:	64.4%	18 + residents:	9.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 351)				ITP Stops ³ (N = 79)			
Mean age				Mean age			
36.96				37.4			
Gender %				Gender %			
Female 28.6%				Female 25.6%			
Male 71.4%				Male 74.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 8.5%				Race % Mis/Unk ⁴ 5.1%			
AA/Black 24.6%				AA/Black 24.0%			
Hispanic 6.9%				Hispanic 4.0%			
White 59.2%				White 66.7%			
Other 9.3%				Other 5.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	24.6%	18.5%	6.1%	AA/Black	24.6%	14.4%	10.2%
Hispanic	6.9%	8.5%	-1.6%	Hispanic	6.9%	14.5%	-7.6%
White	59.2%	47.0%	12.2%	White	59.2%	66.4%	-7.2%
Other	9.3%	25.7%	-16.4%	Other	9.3%	4.6%	4.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	120	41.4%	38.0%	NW	25	30.2%	40.0%
White	174	58.6%	62.0%	White	48	69.8%	60.0%
Chi-square, X-tab ⁶ : .656 not sig.				Chi-square, X-tab ⁶ : .387 not sig.			
Odds ratio Exp(B) ⁷ : 1.283 not sig.				Odds ratio Exp(B) ⁷ : .773 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	44.2%	29.5%	24.2%	2.1%	NW	0	N/A
Hispanic	46.4%	17.9%	35.7%	0.0%	White	2	N/A
White	45.9%	24.2%	27.9%	2.0%			
Other	61.3%	29.0%	9.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .441 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MANCHESTER POLICE DEPARTMENT**

Total Citations ¹ : 450	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.8%	Citations per 1000	
	Passing through:	76.2%	18 + residents:	107

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 446)				ITP Stops ³ (N = 150)			
Mean age				Mean age			
40.86				39.62			
Gender %				Gender %			
Female 39.9%				Female 36.9%			
Male 60.1%				Male 63.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.7%				Race % Mis/Unk ⁴ 6.0%			
AA/Black 1.9%				AA/Black 2.8%			
Hispanic 6.6%				Hispanic 9.9%			
White 88.5%				White 85.1%			
Other 3.1%				Other 2.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.9%	0.0%	1.9%	AA/Black	1.9%	14.4%	-12.5%
Hispanic	6.6%	1.5%	5.1%	Hispanic	6.6%	14.5%	-7.9%
White	88.5%	97.1%	-8.6%	White	88.5%	66.4%	22.1%
Other	3.1%	1.3%	1.8%	Other	3.1%	4.6%	-1.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	10.6%	13.4%	NW	20	16.4%	14.5%
White	365	89.4%	86.6%	White	110	83.6%	85.5%
Chi-square, X-tab ⁶ :		.391	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.764	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.730	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.053	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	12.5%	37.5%	0.0%	NW	1	N/A
Hispanic	50.0%	14.3%	32.1%	3.6%	White	6	N/A
White	85.3%	5.5%	4.5%	4.7%			
Other	84.6%	15.4%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MANSFIELD POLICE DEPARTMENT**

Total Citations ¹ : 2,715	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	32.4%	Citations per 1000	
	Passing through:	67.6%	18 + residents:	143.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,624)				ITP Stops ³ (N = 871)			
Mean age				Mean age			
40.3				38.79			
Gender %				Gender %			
Female 42.9%				Female 39.2%			
Male 57.1%				Male 60.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 0.5%			
AA/Black 10.1%				AA/Black 8.4%			
Hispanic 4.6%				Hispanic 4.4%			
White 79.7%				White 81.7%			
Other 5.7%				Other 5.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.1%	2.3%	7.8%	AA/Black	10.1%	14.4%	-4.3%
Hispanic	4.6%	4.1%	0.5%	Hispanic	4.6%	14.5%	-9.9%
White	79.7%	86.4%	-6.7%	White	79.7%	66.4%	13.3%
Other	5.7%	7.5%	-1.8%	Other	5.7%	4.6%	1.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	512	18.2%	29.8%	NW	144	19.4%	18.7%
White	1,959	81.8%	70.2%	White	607	80.6%	81.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .825 not sig.			
Odds ratio Exp(B) ⁷ : .534* sig.				Odds ratio Exp(B) ⁷ : .634 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.5%	5.5%	13.2%	0.7%	NW	0	N/A
Hispanic	80.0%	4.0%	13.6%	2.4%	White	1	N/A
White	92.8%	2.0%	3.7%	1.5%			
Other	94.0%	4.0%	1.3%	0.7%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARBLEHEAD POLICE DEPARTMENT**

Total Citations ¹ : 134	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		56.4%	Citations per 1000			
	Passing through:		43.6%	18 + residents: 8.5			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 94)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
34.23				N/A			
Gender %				Gender %			
Female		23.7%		Female		N/A	
Male		76.3%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.2%				N/A	
AA/Black		2.2%		AA/Black		N/A	
Hispanic		6.6%		Hispanic		N/A	
White		91.2%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.2%	1.6%	0.6%	AA/Black	2.2%	14.4%	-12.2%
Hispanic	6.6%	5.0%	1.6%	Hispanic	6.6%	14.5%	-7.9%
White	91.2%	91.1%	0.1%	White	91.2%	66.4%	24.8%
Other	0.0%	2.3%	-2.3%	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	25.0%	75.0%	0.0%	NW	0	N/A
Hispanic	0.0%	42.9%	28.6%	28.6%	White	1	N/A
White	20.0%	31.3%	42.6%	6.1%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .185 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARION POLICE DEPARTMENT**

Total Citations ¹ : 277	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		14.4%	Citations per 1000			
	Passing through:		85.6%	18 + residents:		68.6	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 264)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
35.32				N/A			
Gender %				Gender %			
Female		40.0%		Female		N/A	
Male		60.0%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴ 6.8%		Race %		Mis/Unk ⁴ N/A	
AA/Black		14.6%		AA/Black		N/A	
Hispanic		1.6%		Hispanic		N/A	
White		83.7%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	14.6%	1.4%	N/A	AA/Black	14.6%	14.4%	0.2%
Hispanic	1.6%	4.4%	N/A	Hispanic	1.6%	14.5%	-12.9%
White	83.7%	84.7%	N/A	White	83.7%	66.4%	17.3%
Other	0.0%	5.3%	N/A	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	14.6%	18.8%	NW	N/A	N/A	N/A
White	186	85.4%	81.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.449	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.777	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.0%	10.0%	47.5%	2.5%	NW	4	N/A
Hispanic	0.0%	0.0%	50.0%	50.0%	White	2	N/A
White	67.8%	8.4%	21.5%	2.3%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARLBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 2,055	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	46.8%	Citations per 1000	
	Passing through:	53.2%	18 + residents:	65.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,704)				ITP Stops ³ (N = 610)			
Mean age				Mean age			
37.09				37.52			
Gender %				Gender %			
Female 34.2%				Female 30.1%			
Male 65.7%				Male 69.8%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 2.4%				Race % Mis/Unk ⁴ 1.5%			
AA/Black 7.4%				AA/Black 6.2%			
Hispanic 14.9%				Hispanic 16.5%			
White 74.6%				White 73.2%			
Other 3.1%				Other 4.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.4%	3.8%	3.6%	AA/Black	7.4%	14.4%	-7.0%
Hispanic	14.9%	15.1%	-0.2%	Hispanic	14.9%	14.5%	0.4%
White	74.6%	69.2%	5.4%	White	74.6%	66.4%	8.2%
Other	3.1%	9.8%	-6.7%	Other	3.1%	4.6%	-1.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	397	26.0%	26.0%	NW	144	29.4%	24.7%
White	1,131	74.0%	74.0%	White	381	70.6%	75.3%
Chi-square, X-tab ⁶ :		.989	not sig.	Chi-square, X-tab ⁶ :		.229	not sig.
Odds ratio Exp(B) ⁷ :		1.004	not sig.	Odds ratio Exp(B) ⁷ :		1.029	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	49.6%	19.1%	26.2%	5.0%	NW	5	N/A
Hispanic	39.1%	18.3%	33.7%	9.0%	White	8	N/A
White	53.3%	22.4%	21.2%	3.0%			
Other	69.0%	24.1%	5.2%	1.7%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARSHFIELD POLICE DEPARTMENT**

Total Citations ¹ : 279	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		47.6%	Citations per 1000 18 + residents: 10.7			
	Passing through:		52.4%				
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 246)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
36.71				N/A			
Gender %				Gender %			
Female		28.6%		Female		N/A	
Male		71.4%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴ 3.3%		Race %		Mis/Unk ⁴ N/A	
AA/Black		5.0%		AA/Black		N/A	
Hispanic		1.3%		Hispanic		N/A	
White		93.7%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.0%	0.6%	4.4%	AA/Black	5.0%	14.4%	-9.4%
Hispanic	1.3%	2.1%	-0.8%	Hispanic	1.3%	14.5%	-13.2%
White	93.7%	96.3%	-2.6%	White	93.7%	66.4%	27.3%
Other	0.0%	1.6%	-1.6%	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	6.3%	12.5%	50.0%	31.3%	NW	1	N/A
Hispanic	0.0%	33.3%	66.7%	0.0%	White	1	N/A
White	33.9%	25.0%	34.3%	6.9%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.005* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASHPEE POLICE DEPARTMENT**

Total Citations ¹ : 432	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		25.1%	Citations per 1000			
	Passing through:		74.9%	18 + residents: 36.1			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 383)				ITP Stops³ (N = 132)			
Mean age				Mean age			
37.43				36.68			
Gender %				Gender %			
Female		30.2%		Female		31.1%	
Male		69.8%		Male		68.9%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 2.6%		Race %		Mis/Unk ⁴ 1.5%	
AA/Black		11.0%		AA/Black		6.2%	
Hispanic		3.8%		Hispanic		0.8%	
White		84.2%		White		91.5%	
Other		1.1%		Other		1.5%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.0%	3.2%	7.8%	AA/Black	11.0%	14.4%	-3.4%
Hispanic	3.8%	0.6%	3.2%	Hispanic	3.8%	14.5%	-10.7%
White	84.2%	85.7%	-1.5%	White	84.2%	66.4%	17.8%
Other	1.1%	9.6%	-8.5%	Other	1.1%	4.6%	-3.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	55	17.9%	12.9%	NW	N/A	N/A	N/A
White	284	82.1%	87.1%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.236	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.477	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	14.0%	16.0%	60.0%	10.0%	NW	1	N/A
Hispanic	17.6%	11.8%	58.8%	11.8%	White	7	N/A
White	24.8%	22.2%	42.5%	10.5%			
Other	50.0%	25.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.374	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MATTAPOISETT POLICE DEPARTMENT**

Total Citations ¹ : 1,004	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	24.5%	Citations per 1000	
	Passing through:	75.5%	18 + residents:	183.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 970)				ITP Stops ³ (N = 439)			
Mean age				Mean age			
37.08				36.88			
Gender %				Gender %			
Female 41.5%				Female 37.4%			
Male 58.4%				Male 62.4%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 6.3%				AA/Black 5.7%			
Hispanic 3.4%				Hispanic 3.3%			
White 90.1%				White 91.0%			
Other 0.2%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.3%	0.0%	6.3%	AA/Black	6.3%	14.4%	-8.1%
Hispanic	3.4%	2.4%	1.0%	Hispanic	3.4%	14.5%	-11.1%
White	90.1%	95.2%	-5.1%	White	90.1%	66.4%	23.7%
Other	0.2%	1.5%	-1.3%	Other	0.2%	4.6%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	89	9.3%	11.0%	NW	33	8.9%	8.8%
White	811	90.7%	89.0%	White	339	91.1%	91.2%
Chi-square, X-tab ⁶ :		.432	not sig.	Chi-square, X-tab ⁶ :		.973	not sig.
Odds ratio Exp(B) ⁷ :		.586	not sig.	Odds ratio Exp(B) ⁷ :		1.158	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.1%	7.7%	21.5%	7.7%	NW	0	N/A
Hispanic	55.9%	8.8%	26.5%	8.8%	White	0	N/A
White	84.6%	4.4%	7.7%	3.3%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MAYNARD POLICE DEPARTMENT**

Total Citations ¹ : 752	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.5%	Citations per 1000	
	Passing through:	78.5%	18 + residents:	84.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 730)				ITP Stops ³ (N = 266)			
Mean age				Mean age			
37.91				37.67			
Gender %				Gender %			
Female 35.5%				Female 34.2%			
Male 64.4%				Male 65.4%			
Non-binary 0.1%				Non-binary 0.4%			
Race % Mis/Unk ⁴ 3.4%				Race % Mis/Unk ⁴ 2.3%			
AA/Black 6.1%				AA/Black 5.0%			
Hispanic 3.5%				Hispanic 4.6%			
White 87.4%				White 86.5%			
Other 0.0%				Other 3.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.1%	1.3%	4.8%	AA/Black	6.1%	14.4%	-8.3%
Hispanic	3.5%	3.4%	0.1%	Hispanic	3.5%	14.5%	-11.0%
White	87.4%	91.9%	-4.5%	White	87.4%	66.4%	21.0%
Other	0.0%	3.4%	-3.4%	Other	0.0%	4.6%	-4.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	79	9.4%	17.4%	NW	30	8.0%	16.4%
White	575	90.6%	82.6%	White	211	92.0%	83.6%
Chi-square, X-tab ⁶ : .003* sig.				Chi-square, X-tab ⁶ : .048* sig.			
Odds ratio Exp(B) ⁷ : .516* sig.				Odds ratio Exp(B) ⁷ : .349* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	61.4%	11.4%	25.0%	2.3%	NW	0	
Hispanic	38.5%	19.2%	30.8%	11.5%	White	1	
White	60.1%	22.0%	16.2%	1.7%			
Other	81.0%	4.8%	14.3%	0.0%			
Chi-square, X-tab ⁶ : .003* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MEDFIELD POLICE DEPARTMENT**

Total Citations ¹ : 594	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.8%	Citations per 1000	
	Passing through:	72.2%	18 + residents:	65.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 577)				ITP Stops ³ (N = 278)			
Mean age				Mean age			
40.36				28.97			
Gender %				Gender %			
Female 44.5%				Female 42.0%			
Male 55.5%				Male 58.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.8%				Race % Mis/Unk ⁴ 4.0%			
AA/Black 3.6%				AA/Black 4.5%			
Hispanic 1.3%				Hispanic 1.1%			
White 93.3%				White 92.1%			
Other 1.8%				Other 2.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.6%	0.9%	2.7%	AA/Black	3.6%	14.4%	-10.8%
Hispanic	1.3%	2.0%	-0.7%	Hispanic	1.3%	14.5%	-13.2%
White	93.3%	91.1%	2.2%	White	93.3%	66.4%	26.9%
Other	1.8%	6.1%	-4.3%	Other	1.8%	4.6%	-2.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	5.6%	8.4%	NW	20	6.7%	9.6%
White	483	94.4%	91.6%	White	230	93.3%	90.4%
Chi-square, X-tab ⁶ :		.219	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.400	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.764	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.798	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	66.7%	19.0%	4.8%	9.5%	NW	0	
Hispanic	71.4%	0.0%	14.3%	14.3%	White	1	
White	75.2%	17.7%	6.0%	1.1%			
Other	70.0%	30.0%	0.0%	0.0%			
Chi-square, X-tab ⁶ :		.017*	<i>sig.</i>			Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MEDFORD POLICE DEPARTMENT**

Total Citations ¹ : 710	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.5%	Citations per 1000	
	Passing through:	64.5%	18 + residents:	14.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 641)				ITP Stops ³ (N = 255)			
Mean age				Mean age			
39.5				39.66			
Gender %				Gender %			
Female 33.9%				Female 30.4%			
Male 66.0%				Male 69.2%			
Non-binary 0.2%				Non-binary 0.4%			
Race % Mis/Unk ⁴ 4.8%				Race % Mis/Unk ⁴ 3.5%			
AA/Black 14.4%				AA/Black 14.6%			
Hispanic 9.3%				Hispanic 12.2%			
White 68.7%				White 67.0%			
Other 7.5%				Other 6.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.4%	9.2%	5.2%	AA/Black	14.4%	14.4%	0.0%
Hispanic	9.3%	0.5%	8.8%	Hispanic	9.3%	14.5%	-5.2%
White	68.7%	71.1%	-2.4%	White	68.7%	66.4%	2.3%
Other	7.5%	14.3%	-6.8%	Other	7.5%	4.6%	2.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	167	26.4%	40.4%	NW	70	29.2%	37.0%
White	374	73.6%	59.6%	White	148	70.8%	63.0%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .231 not sig.			
Odds ratio Exp(B) ⁷ : .497* sig.				Odds ratio Exp(B) ⁷ : .497 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.6%	19.2%	16.2%	3.0%	NW	1	N/A
Hispanic	46.2%	18.5%	33.8%	1.5%	White	5	N/A
White	54.6%	30.2%	12.7%	2.4%			
Other	60.0%	32.0%	8.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .001* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MEDWAY POLICE DEPARTMENT

Total Citations ¹ : 1,720	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.8%	Citations per 1000	
	Passing through:	74.2%	18 + residents:	169.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,689)				ITP Stops ³ (N = 402)			
Mean age				Mean age			
42.29				39.6			
Gender %				Gender %			
Female 46.7%				Female 40.4%			
Male 53.3%				Male 59.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		0.4%				0.2%	
AA/Black		2.1%		AA/Black		2.2%	
Hispanic		5.0%		Hispanic		6.7%	
White		89.7%		White		87.8%	
Other		3.2%		Other		3.2%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.1%	2.8%	-0.7%	AA/Black	2.1%	14.4%	-12.3%
Hispanic	5.0%	2.6%	2.4%	Hispanic	5.0%	14.5%	-9.5%
White	89.7%	90.0%	-0.3%	White	89.7%	66.4%	23.3%
Other	3.2%	6.1%	-2.9%	Other	3.2%	4.6%	-1.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	165	9.8%	13.7%	NW	41	11.2%	12.9%
White	1,470	90.2%	86.3%	White	312	88.8%	87.1%
Chi-square, X-tab ⁶ :		.148	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.661	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.673	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.834	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	91.4%	2.9%	5.7%	0.0%	NW	0	N/A
Hispanic	74.7%	4.6%	18.4%	2.3%	White	0	N/A
White	93.9%	2.2%	3.4%	0.4%			
Other	94.4%	1.9%	3.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000* <i>sig.</i>					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MELROSE POLICE DEPARTMENT**

Total Citations ¹ : 265	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		18.7%	Citations per 1000			
	Passing through:		81.3%	18 + residents:		11.1	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 219)			ITP Stops³ (N = N/A)				
Mean age			Mean age				
39.11			N/A				
Gender %			Gender %				
Female 38.8%			Female N/A				
Male 61.2%			Male N/A				
Non-binary 0.0%			Non-binary N/A				
Race %		Mis/Unk ⁴	12.3%	Race %		Mis/Unk ⁴	N/A
AA/Black			7.8%	AA/Black			N/A
Hispanic			4.2%	Hispanic			N/A
White			83.3%	White			N/A
Other			4.7%	Other			N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.8%	3.4%	N/A	AA/Black	7.8%	14.4%	-6.6%
Hispanic	4.2%	3.5%	N/A	Hispanic	4.2%	14.5%	-10.3%
White	83.3%	80.8%	N/A	White	83.3%	66.4%	16.9%
Other	4.7%	12.8%	N/A	Other	4.7%	4.6%	0.1%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	30	17.1%	15.7%	NW	N/A	N/A	N/A
White	150	82.9%	84.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.824	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.920	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.9%	4.8%	28.6%	4.8%	NW	1	N/A
Hispanic	33.3%	0.0%	66.7%	0.0%	White	2	N/A
White	68.6%	14.1%	16.2%	1.0%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.003* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MENDON POLICE DEPARTMENT**

Total Citations ¹ : 411	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.2%	Citations per 1000	
	Passing through:	86.8%	18 + residents:	86.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 381)				ITP Stops ³ (N = 149)			
Mean age				Mean age			
35.46				35.48			
Gender %				Gender %			
Female 33.2%				Female 30.6%			
Male 66.8%				Male 69.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.4%				Race % Mis/Unk ⁴ 2.7%			
AA/Black 5.1%				AA/Black 6.9%			
Hispanic 7.5%				Hispanic 6.9%			
White 86.8%				White 86.2%			
Other 0.5%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.1%	0.1%	5.0%	AA/Black	5.1%	14.4%	-9.3%
Hispanic	7.5%	2.3%	5.2%	Hispanic	7.5%	14.5%	-7.0%
White	86.8%	92.3%	-5.5%	White	86.8%	66.4%	20.4%
Other	0.5%	5.3%	-4.8%	Other	0.5%	4.6%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	12.6%	16.7%	NW	19	10.8%	29.6%
White	306	87.4%	83.3%	White	110	89.2%	70.4%
Chi-square, X-tab ⁶ : .341 not sig.				Chi-square, X-tab ⁶ : .014* sig.			
Odds ratio Exp(B) ⁷ : .862 not sig.				Odds ratio Exp(B) ⁷ : .755 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	52.6%	21.1%	26.3%	0.0%	NW	0
Hispanic	35.3%	17.6%	44.1%	2.9%	White	3
White	63.9%	18.5%	15.9%	1.7%		
Other	100.0%	0.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ : .017* sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MERRIMAC POLICE DEPARTMENT

Total Citations ¹ : 372	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		26.3%	Citations per 1000		
	Passing through:		73.7%	18 + residents:		69
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 366)			ITP Stops³ (N = 140)			
Mean age			Mean age			
40.15			40.04			
Gender %			Gender %			
Female 45.2%			Female 48.6%			
Male 54.5%			Male 51.4%			
Non-binary 0.3%			Non-binary 0.0%			
Race %		Mis/Unk ⁴	Race %		Mis/Unk ⁴	
AA/Black 3.4%		2.2%	AA/Black 3.6%		1.4%	
Hispanic 6.7%			Hispanic 5.1%			
White 89.1%			White 90.6%			
Other 0.8%			Other 0.7%			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	3.4%	0.0%	3.4%	AA/Black	3.4%	14.4%
Hispanic	6.7%	1.4%	5.3%	Hispanic	6.7%	14.5%
White	89.1%	92.4%	-3.3%	White	89.1%	66.4%
Other	0.8%	6.2%	-5.4%	Other	0.8%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	35	10.5%	11.0%	NW	N/A	N/A
White	291	89.5%	89.0%	White	N/A	N/A
Chi-square, X-tab ⁶ :		.867	not sig.	Chi-square, X-tab ⁶ :		N/A N/A
Odds ratio Exp(B) ⁷ :		1.079	not sig.	Odds ratio Exp(B) ⁷ :		N/A N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	91.7%	0.0%	8.3%	0.0%	NW	0
Hispanic	58.3%	16.7%	20.8%	4.2%	White	3
White	84.9%	4.6%	9.0%	1.5%		
Other	100.0%	0.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.127	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
METHUEN POLICE DEPARTMENT**

Total Citations ¹ : 1,762	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.7%	Citations per 1000	
	Passing through:	71.3%	18 + residents:	43.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,554)				ITP Stops ³ (N = 800)			
Mean age				Mean age			
35.32				34.74			
Gender %				Gender %			
Female 35.0%				Female 32.2%			
Male 65.0%				Male 67.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 22.8%				Race % Mis/Unk ⁴ 31.4%			
AA/Black 3.4%				AA/Black 3.3%			
Hispanic 52.4%				Hispanic 48.5%			
White 42.8%				White 46.6%			
Other 1.4%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.4%	4.3%	-0.9%	AA/Black	3.4%	14.4%	-11.0%
Hispanic	52.4%	29.5%	22.9%	Hispanic	52.4%	14.5%	37.9%
White	42.8%	60.9%	-18.1%	White	42.8%	66.4%	-23.6%
Other	1.4%	8.3%	-6.9%	Other	1.4%	4.6%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	647	56.1%	61.7%	NW	263	52.7%	56.6%
White	471	43.9%	38.3%	White	223	47.3%	43.4%
Chi-square, X-tab ⁶ : .080 not sig.				Chi-square, X-tab ⁶ : .405 not sig.			
Odds ratio Exp(B) ⁷ : .778 not sig.				Odds ratio Exp(B) ⁷ : .902 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.0%	10.0%	20.0%	0.0%	NW	3	N/A
Hispanic	55.0%	33.9%	9.5%	1.6%	White	5	N/A
White	71.1%	20.2%	7.0%	1.7%			
Other	63.2%	26.3%	10.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MIDDLEBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 462	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	34.2%	Citations per 1000	
	Passing through:	65.8%	18 + residents:	22.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 326)				ITP Stops ³ (N = 92)			
Mean age				Mean age			
36.02				34.68			
Gender %				Gender %			
Female 29.0%				Female 24.4%			
Male 71.0%				Male 75.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.8%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 10.0%				AA/Black 14.4%			
Hispanic 0.9%				Hispanic 1.1%			
White 88.4%				White 83.3%			
Other 0.6%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.0%	2.1%	7.9%	AA/Black	10.0%	14.4%	-4.4%
Hispanic	0.9%	3.0%	-2.1%	Hispanic	0.9%	14.5%	-13.6%
White	88.4%	92.2%	-3.8%	White	88.4%	66.4%	22.0%
Other	0.6%	2.0%	-1.4%	Other	0.6%	4.6%	-4.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	11.6%	12.1%	NW	14	15.4%	21.4%
White	246	88.4%	87.9%	White	66	84.6%	78.6%
Chi-square, X-tab ⁶ :		.901	not sig.	Chi-square, X-tab ⁶ :		.497	not sig.
Odds ratio Exp(B) ⁷ :		.934	not sig.	Odds ratio Exp(B) ⁷ :		.621	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	32.6%	14.0%	44.2%	9.3%	NW	1	N/A
Hispanic	25.0%	50.0%	25.0%	0.0%	White	4	N/A
White	35.5%	18.4%	33.3%	12.9%			
Other	0.0%	50.0%	0.0%	50.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.358	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MIDDLETON POLICE DEPARTMENT**

Total Citations ¹ : 201	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 11.8%			Citations per 1000			
	Passing through: 88.2%			18 + residents: 24.5			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 170)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
33.83				N/A			
Gender %				Gender %			
Female 25.6%				Female N/A			
Male 74.4%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.4%				Race % Mis/Unk ⁴ N/A			
AA/Black 6.0%				AA/Black N/A			
Hispanic 12.7%				Hispanic N/A			
White 78.3%				White N/A			
Other 3.0%				Other N/A			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.0%	1.5%	N/A	AA/Black	6.0%	14.4%	-8.4%
Hispanic	12.7%	6.2%	N/A	Hispanic	12.7%	14.5%	-1.8%
White	78.3%	90.3%	N/A	White	78.3%	66.4%	11.9%
Other	3.0%	4.7%	N/A	Other	3.0%	4.6%	-1.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	21.4%	23.5%	NW	N/A	N/A	N/A
White	117	78.6%	76.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .766 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .980 not sig.				Odds ratio Exp(B) ⁷ : N/A N/A			
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.7%	18.2%	9.1%	0.0%	NW	0	N/A
Hispanic	40.7%	11.1%	37.0%	11.1%	White	2	N/A
White	57.5%	26.8%	13.1%	2.6%			
Other	83.3%	0.0%	16.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁸ : .016* sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILFORD POLICE DEPARTMENT**

Total Citations ¹ : 1,879	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	47.1%	Citations per 1000	
	Passing through:	52.9%	18 + residents:	84

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,657)				ITP Stops ³ (N = 401)			
Mean age				Mean age			
36.82				34.98			
Gender %				Gender %			
Female 32.0%				Female 20.1%			
Male 68.0%				Male 79.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.5%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 4.0%				AA/Black 4.3%			
Hispanic 10.3%				Hispanic 13.5%			
White 83.2%				White 81.4%			
Other 2.5%				Other 0.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.0%	2.3%	1.7%	AA/Black	4.0%	14.4%	-10.4%
Hispanic	10.3%	14.0%	-3.7%	Hispanic	10.3%	14.5%	-4.2%
White	83.2%	73.8%	9.4%	White	83.2%	66.4%	16.8%
Other	2.5%	5.4%	-2.9%	Other	2.5%	4.6%	-2.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	258	16.2%	21.0%	NW	64	17.3%	20.1%
White	1,235	83.8%	79.0%	White	283	82.7%	79.9%
Chi-square, X-tab ⁶ :		.042*	sig.	Chi-square, X-tab ⁶ :		.504	not sig.
Odds ratio Exp(B) ⁷ :		.786	not sig.	Odds ratio Exp(B) ⁷ :		1.279	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.7%	5.3%	20.0%	4.0%	NW	4	N/A
Hispanic	33.3%	2.7%	55.6%	8.4%	White	4	N/A
White	70.2%	3.4%	22.4%	4.0%			
Other	92.7%	0.0%	7.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILLBURY POLICE DEPARTMENT**

Total Citations ¹ : 352	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.2%	Citations per 1000	
	Passing through:	74.8%	18 + residents:	31.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 326)				ITP Stops ³ (N = 142)			
Mean age				Mean age			
37.18				38.02			
Gender %				Gender %			
Female 36.6%				Female 35.9%			
Male 63.4%				Male 64.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.4%				Race % Mis/Unk ⁴ 2.1%			
AA/Black 9.2%				AA/Black 9.4%			
Hispanic 7.9%				Hispanic 6.5%			
White 80.0%				White 80.6%			
Other 2.9%				Other 3.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.2%	1.4%	7.8%	AA/Black	9.2%	14.4%	-5.2%
Hispanic	7.9%	1.2%	6.7%	Hispanic	7.9%	14.5%	-6.6%
White	80.0%	91.1%	-11.1%	White	80.0%	66.4%	13.6%
Other	2.9%	5.4%	-2.5%	Other	2.9%	4.6%	-1.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	56	15.4%	27.2%	NW	24	13.7%	23.6%
White	220	84.6%	72.8%	White	99	86.3%	76.4%
Chi-square, X-tab ⁶ : .017* sig.				Chi-square, X-tab ⁶ : .173 not sig.			
Odds ratio Exp(B) ⁷ : .495* sig.				Odds ratio Exp(B) ⁷ : .446 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	10.0%	36.7%	3.3%	NW	0	N/A
Hispanic	52.0%	16.0%	32.0%	0.0%	White	3	N/A
White	65.2%	12.3%	15.6%	6.9%			
Other	66.7%	22.2%	11.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .099 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILLIS POLICE DEPARTMENT**

Total Citations ¹ : 460	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		16.3%	Citations per 1000			
	Passing through:		83.7%	18 + residents: 70.9			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 443)				ITP Stops³ (N = 137)			
Mean age				Mean age			
38.44				36.78			
Gender %				Gender %			
Female		33.7%		Female		25.7%	
Male		66.3%		Male		74.3%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 7.4%		Race %		Mis/Unk ⁴ 6.6%	
AA/Black		2.4%		AA/Black		3.9%	
Hispanic		5.9%		Hispanic		7.0%	
White		91.5%		White		88.3%	
Other		0.2%		Other		0.8%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.4%	2.3%	0.1%	AA/Black	14.4%	-12.0%	
Hispanic	5.9%	2.3%	3.6%	Hispanic	14.5%	-8.6%	
White	91.5%	92.9%	-1.4%	White	66.4%	25.1%	
Other	0.2%	1.7%	-1.5%	Other	4.6%	-4.4%	
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	7.5%	14.7%	NW	N/A	N/A	N/A
White	365	92.5%	85.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.056	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.603	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	30.0%	20.0%	0.0%	NW	2	N/A
Hispanic	45.8%	4.2%	45.8%	4.2%	White	0	N/A
White	66.2%	13.0%	16.4%	4.3%			
Other	50.0%	0.0%	0.0%	50.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.001* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILLVILLE POLICE DEPARTMENT**

Total Citations ¹ : 216	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		7.5%	Citations per 1000		
	Passing through:		92.5%	18 + residents:		N/A
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 212)				ITP Stops³ (N = N/A)		
Mean age				Mean age		
32.22				N/A		
Gender %				Gender %		
Female		38.8%		Female		N/A
Male		61.2%		Male		N/A
Non-binary		0.0%		Non-binary		N/A
Race %		Mis/Unk ⁴	5.7%	Race %		Mis/Unk ⁴
AA/Black		6.0%		AA/Black		N/A
Hispanic		7.0%		Hispanic		N/A
White		86.0%		White		N/A
Other		1.0%		Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg
AA/Black		6.0%	N/A	AA/Black		6.0%
Hispanic		7.0%	N/A	Hispanic		7.0%
White		86.0%	N/A	White		86.0%
Other		1.0%	N/A	Other		1.0%
		N/A	N/A			4.6%
		N/A	N/A			-3.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops²				ITP Stops³		
Race		N	Daylight	Darkness	Race	
NW		26	9.0%	28.9%	NW	
White		163	91.0%	71.1%	White	
Chi-square, X-tab ⁶ :		.001*	sig.	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		.255*	sig.	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
		Warning	Civil	Criminal	Arrest	Search?
AA/Black		58.3%	8.3%	33.3%	0.0%	NW
Hispanic		35.7%	28.6%	35.7%	0.0%	White
White		59.1%	22.2%	16.5%	2.3%	
Other		0.0%	100.0%	0.0%	0.0%	Counts
Chi-square, X-tab ⁶ :		.120	not sig.			Percent
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILTON POLICE DEPARTMENT**

Total Citations ¹ : 774	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.8%	Citations per 1000	
	Passing through:	79.2%	18 + residents:	37.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 675)				ITP Stops ³ (N = 251)			
Mean age				Mean age			
38.27				38.36			
Gender %				Gender %			
Female 37.0%				Female 32.9%			
Male 63.0%				Male 67.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.9%				Race % Mis/Unk ⁴ 0.4%			
AA/Black 46.4%				AA/Black 45.2%			
Hispanic 12.0%				Hispanic 14.8%			
White 38.5%				White 37.2%			
Other 3.1%				Other 2.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	46.4%	15.1%	31.3%	AA/Black	46.4%	14.4%	32.0%
Hispanic	12.0%	3.2%	8.8%	Hispanic	12.0%	14.5%	-2.5%
White	38.5%	71.7%	-33.2%	White	38.5%	66.4%	-27.9%
Other	3.1%	10.6%	-7.5%	Other	3.1%	4.6%	-1.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	371	54.9%	75.0%	NW	134	42.0%	73.5%
White	236	45.1%	25.0%	White	83	58.0%	26.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .463* sig.				Odds ratio Exp(B) ⁷ : .341* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.6%	9.4%	13.9%	1.1%	NW	2	N/A
Hispanic	66.3%	7.6%	23.9%	2.2%	White	1	N/A
White	83.9%	7.1%	7.9%	1.1%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .002* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MONSON POLICE DEPARTMENT**

Total Citations ¹ : 710	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.8%	Citations per 1000	
	Passing through:	70.2%	18 + residents:	98.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 681)				ITP Stops ³ (N = 255)			
Mean age				Mean age			
36.29				36.08			
Gender %				Gender %			
Female 26.1%				Female 18.9%			
Male 73.9%				Male 81.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 0.4%			
AA/Black 5.2%				AA/Black 6.7%			
Hispanic 5.2%				Hispanic 5.5%			
White 89.1%				White 87.4%			
Other 0.4%				Other 0.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.2%	1.1%	4.1%	AA/Black	5.2%	14.4%	-9.2%
Hispanic	5.2%	1.5%	3.7%	Hispanic	5.2%	14.5%	-9.3%
White	89.1%	95.9%	-6.8%	White	89.1%	66.4%	22.7%
Other	0.4%	2.0%	-1.6%	Other	0.4%	4.6%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	9.6%	15.3%	NW	30	12.2%	15.7%
White	510	90.4%	84.7%	White	196	87.8%	84.3%
Chi-square, X-tab ⁶ :		.040*	sig.	Chi-square, X-tab ⁶ :		.469	not sig.
Odds ratio Exp(B) ⁷ :		.567*	sig.	Odds ratio Exp(B) ⁷ :		.903	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	36.1%	13.9%	33.3%	16.7%	NW	5
Hispanic	29.3%	14.6%	41.5%	14.6%	White	10
White	57.4%	20.0%	12.4%	10.2%		
Other	100.0%	0.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.000*		sig.		

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MONTAGUE POLICE DEPARTMENT

Total Citations ¹ : 447	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		13.3%	Citations per 1000		
	Passing through:		86.8%	18 + residents:		64.4
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 401)				ITP Stops³ (N = 177)		
Mean age				Mean age		
36.9				36.14		
Gender %				Gender %		
Female		39.2%		Female		40.1%
Male		60.3%		Male		59.9%
Non-binary		0.5%		Non-binary		0.0%
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		4.7%				3.4%
AA/Black		4.7%		AA/Black		5.3%
Hispanic		2.1%		Hispanic		2.3%
White		92.7%		White		92.4%
Other		0.5%		Other		0.0%
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	4.7%	1.9%	2.8%	AA/Black	4.7%	14.4%
Hispanic	2.1%	4.2%	-2.1%	Hispanic	2.1%	14.5%
White	92.7%	88.9%	3.8%	White	92.7%	66.4%
Other	0.5%	5.5%	-5.0%	Other	0.5%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	23	7.5%	6.0%	NW	N/A	N/A
White	311	92.5%	94.0%	White	N/A	N/A
Chi-square, X-tab ⁶ :		.609	<i>not sig.</i>	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		1.195	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	77.8%	0.0%	22.2%	0.0%	NW	0
Hispanic	72.7%	18.2%	9.1%	0.0%	White	1
White	85.8%	4.8%	9.2%	0.3%		
Other	100.0%	0.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.476	<i>not sig.</i>			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NAHANT POLICE DEPARTMENT**

Total Citations ¹ : 213	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		26.2%	Citations per 1000			
	Passing through:		73.8%	18 + residents: 17.2			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 172)			ITP Stops³ (N = N/A)				
Mean age			Mean age				
38.94			N/A				
Gender %			Gender %				
Female 32.2%			Female N/A				
Male 67.8%			Male N/A				
Non-binary 0.0%			Non-binary N/A				
Race %		Mis/Unk ⁴	2.9%	Race %		Mis/Unk ⁴	N/A
AA/Black			4.8%	AA/Black			N/A
Hispanic			13.8%	Hispanic			N/A
White			79.6%	White			N/A
Other			1.8%	Other			N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.8%	1.3%	N/A	AA/Black	4.8%	14.4%	-9.6%
Hispanic	13.8%	2.0%	N/A	Hispanic	13.8%	14.5%	-0.7%
White	79.6%	89.3%	N/A	White	79.6%	66.4%	13.2%
Other	1.8%	7.0%	N/A	Other	1.8%	4.6%	-2.8%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	20.0%	23.1%	NW	N/A	N/A	N/A
White	60	80.0%	76.9%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.724	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.965	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	45.5%	9.1%	45.5%	0.0%	NW	0	N/A
Hispanic	16.0%	32.0%	52.0%	0.0%	White	0	N/A
White	50.6%	11.3%	29.2%	8.9%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.005*	sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NANTUCKET POLICE DEPARTMENT**

Total Citations ¹ : 371	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		69.7%	Citations per 1000			
	Passing through:		30.3%	18 + residents:		41	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 320)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
35.7				N/A			
Gender %				Gender %			
Female		21.6%		Female		N/A	
Male		78.4%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.8%				N/A	
AA/Black		9.7%		AA/Black		N/A	
Hispanic		6.2%		Hispanic		N/A	
White		84.1%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.7%	7.8%	N/A	AA/Black	9.7%	14.4%	-4.7%
Hispanic	6.2%	4.2%	N/A	Hispanic	6.2%	14.5%	-8.3%
White	84.1%	85.2%	N/A	White	84.1%	66.4%	17.7%
Other	0.0%	4.1%	N/A	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	40	12.3%	19.2%	NW	N/A	N/A	N/A
White	218	87.7%	80.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.130	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.418*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	10.0%	20.0%	70.0%	0.0%	NW	0	N/A
Hispanic	5.0%	45.0%	50.0%	0.0%	White	0	N/A
White	10.4%	37.2%	52.0%	0.3%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.384	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NATICK POLICE DEPARTMENT

Total Citations ¹ : 1,906	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.4%	Citations per 1000	
	Passing through:	76.6%	18 + residents:	69.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,500)				ITP Stops ³ (N = 357)			
Mean age				Mean age			
39.24				38.8			
Gender %				Gender %			
Female 36.1%				Female 35.1%			
Male 63.8%				Male 64.9%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.1%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 14.7%				AA/Black 17.6%			
Hispanic 9.6%				Hispanic 8.1%			
White 67.9%				White 66.9%			
Other 7.8%				Other 7.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.7%	1.9%	12.8%	AA/Black	14.7%	14.4%	0.3%
Hispanic	9.6%	4.1%	5.5%	Hispanic	9.6%	14.5%	-4.9%
White	67.9%	78.9%	-11.0%	White	67.9%	66.4%	1.5%
Other	7.8%	15.0%	-7.2%	Other	7.8%	4.6%	3.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	443	30.1%	41.5%	NW	105	34.5%	33.6%
White	907	69.9%	58.5%	White	202	65.5%	66.4%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.872	not sig.
Odds ratio Exp(B) ⁷ :		.629*	sig.	Odds ratio Exp(B) ⁷ :		1.195	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	57.1%	17.3%	21.7%	3.9%	NW	4	
Hispanic	42.9%	23.4%	29.7%	4.0%	White	19	
White	65.1%	20.2%	13.1%	1.7%			
Other	66.7%	26.8%	4.1%	2.4%			
Chi-square, X-tab ⁶ :		.000*	sig.			Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEEDHAM POLICE DEPARTMENT**

Total Citations ¹ : 2,184	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	31.3%	Citations per 1000	
	Passing through:	68.7%	18 + residents:	95.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,027)				ITP Stops ³ (N = 666)			
Mean age				Mean age			
43.45				41.36			
Gender %				Gender %			
Female 47.6%				Female 43.4%			
Male 52.4%				Male 56.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 2.6%			
AA/Black 6.4%				AA/Black 7.2%			
Hispanic 7.8%				Hispanic 9.6%			
White 77.2%				White 75.3%			
Other 8.6%				Other 7.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.4%	2.9%	3.5%	AA/Black	6.4%	14.4%	-8.0%
Hispanic	7.8%	3.2%	4.6%	Hispanic	7.8%	14.5%	-6.7%
White	77.2%	82.6%	-5.4%	White	77.2%	66.4%	10.8%
Other	8.6%	11.4%	-2.8%	Other	8.6%	4.6%	4.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	439	22.6%	24.5%	NW	152	24.2%	27.6%
White	1,480	77.4%	75.5%	White	447	75.8%	72.4%
Chi-square, X-tab ⁶ : .448 not sig.				Chi-square, X-tab ⁶ : .354 not sig.			
Odds ratio Exp(B) ⁷ : .977 not sig.				Odds ratio Exp(B) ⁷ : .888 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.1%	10.0%	7.9%	0.0%	NW	4	N/A
Hispanic	72.9%	8.2%	18.2%	0.6%	White	3	N/A
White	88.2%	8.3%	2.9%	0.6%			
Other	92.2%	6.1%	1.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEW BEDFORD POLICE DEPARTMENT**

Total Citations ¹ : 3,502	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	71.8%	Citations per 1000	
	Passing through:	28.2%	18 + residents:	47.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,765)				ITP Stops ³ (N = 906)			
Mean age				Mean age			
35.47				36.34			
Gender %				Gender %			
Female 35.7%				Female 32.2%			
Male 64.2%				Male 67.8%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.7%				Race % Mis/Unk ⁴ 1.9%			
AA/Black 22.7%				AA/Black 22.9%			
Hispanic 11.3%				Hispanic 11.9%			
White 65.4%				White 64.5%			
Other 0.7%				Other 0.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	22.7%	7.0%	15.7%	AA/Black	22.7%	14.4%	8.3%
Hispanic	11.3%	20.8%	-9.5%	Hispanic	11.3%	14.5%	-3.2%
White	65.4%	60.5%	4.9%	White	65.4%	66.4%	-1.0%
Other	0.7%	6.8%	-6.1%	Other	0.7%	4.6%	-3.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	812	33.1%	36.8%	NW	286	35.3%	35.8%
White	1,530	66.9%	63.2%	White	519	64.7%	64.2%
Chi-square, X-tab ⁶ :		.060	not sig.	Chi-square, X-tab ⁶ :		.889	not sig.
Odds ratio Exp(B) ⁷ :		.841	not sig.	Odds ratio Exp(B) ⁷ :		.878	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	34.1%	15.5%	41.2%	9.2%	NW	15	N/A
Hispanic	33.3%	16.5%	38.8%	11.3%	White	7	N/A
White	45.8%	14.8%	32.7%	6.7%			
Other	52.4%	14.3%	23.8%	9.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEW MARLBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 295	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	10.0%	Citations per 1000	
	Passing through:	90.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 280)				ITP Stops ³ (N = 137)			
Mean age				Mean age			
39.79				38.61			
Gender %				Gender %			
Female 28.7%				Female 27.7%			
Male 71.3%				Male 72.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.8%				Race % Mis/Unk ⁴ 2.9%			
AA/Black 7.6%				AA/Black 9.8%			
Hispanic 4.0%				Hispanic 5.3%			
White 86.5%				White 82.0%			
Other 1.8%				Other 3.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.6%	N/A	N/A	AA/Black	7.6%	14.4%	-6.8%
Hispanic	4.0%	N/A	N/A	Hispanic	4.0%	14.5%	-10.5%
White	86.5%	N/A	N/A	White	86.5%	66.4%	20.1%
Other	1.8%	N/A	N/A	Other	1.8%	4.6%	-2.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	13.1%	12.5%	NW	20	17.2%	16.1%
White	222	86.9%	87.5%	White	98	82.8%	83.9%
Chi-square, X-tab ⁶ :		.911	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.887	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		1.120	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.976	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	31.8%	31.8%	31.8%	4.5%	NW	1	N/A
Hispanic	18.2%	72.7%	9.1%	0.0%	White	0	N/A
White	41.7%	44.8%	11.9%	1.6%			
Other	0.0%	60.0%	40.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.054	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEWBURY POLICE DEPARTMENT**

Total Citations ¹ : 386	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		10.9%	Citations per 1000		
	Passing through:		89.1%	18 + residents: 72.1		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 369)				ITP Stops³ (N = 110)		
Mean age				Mean age		
37.2				34.07		
Gender %				Gender %		
Female		39.6%		Female		37.6%
Male		59.9%		Male		61.5%
Non-binary		0.5%		Non-binary		0.9%
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		1.6%				1.8%
AA/Black		1.7%		AA/Black		1.9%
Hispanic		4.4%		Hispanic		6.5%
White		92.3%		White		88.0%
Other		1.7%		Other		3.7%
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	1.7%	1.0%	0.7%	AA/Black	1.7%	14.4%
Hispanic	4.4%	3.0%	1.4%	Hispanic	4.4%	14.5%
White	92.3%	92.1%	0.2%	White	92.3%	66.4%
Other	1.7%	2.8%	-1.1%	Other	1.7%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops²				ITP Stops³		
Race	N	Daylight	Darkness	Race	N	Daylight
NW	27	9.6%	5.5%	NW	N/A	N/A
White	309	90.4%	94.5%	White	N/A	N/A
Chi-square, X-tab ⁶ :		.185	not sig.	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		1.901	not sig.	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	12.5%	37.5%	50.0%	0.0%	NW	0
Hispanic	11.1%	50.0%	38.9%	0.0%	White	0
White	41.8%	38.3%	17.6%	2.3%		
Other	42.9%	28.6%	28.6%	0.0%		
Chi-square, X-tab ⁶ :		.081	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEWBURYPORT POLICE DEPARTMENT**

Total Citations ¹ : 361	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		35.6%	Citations per 1000 18 + residents: 24.9		
	Passing through:		64.4%			
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 327)				ITP Stops³ (N = 134)		
Mean age				Mean age		
42.02				40.96		
Gender %				Gender %		
Female		47.1%		Female		44.8%
Male		52.9%		Male		55.2%
Non-binary		0.0%		Non-binary		0.0%
Race %		Mis/Unk ⁴ 3.4%		Race %		Mis/Unk ⁴ 3.0%
AA/Black		4.1%		AA/Black		4.6%
Hispanic		5.4%		Hispanic		6.2%
White		88.9%		White		87.7%
Other		1.6%		Other		1.5%
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	4.1%	1.7%	2.4%	AA/Black	4.1%	14.4%
Hispanic	5.4%	2.8%	2.6%	Hispanic	5.4%	14.5%
White	88.9%	92.4%	-3.5%	White	88.9%	66.4%
Other	1.6%	3.9%	-2.3%	Other	1.6%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops²				ITP Stops³		
Race	N	Daylight	Darkness	Race	N	Daylight
NW	33	10.3%	13.2%	NW	N/A	N/A
White	266	89.7%	86.8%	White	N/A	N/A
Chi-square, X-tab ⁶ :		.494	not sig.	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		.569	not sig.	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	46.2%	15.4%	23.1%	15.4%	NW	0
Hispanic	68.4%	10.5%	21.1%	0.0%	White	1
White	59.8%	21.2%	13.5%	5.5%		
Other	80.0%	0.0%	20.0%	0.0%		
Chi-square, X-tab ⁶ :		.496	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEWTON POLICE DEPARTMENT**

Total Citations ¹ : 1,976	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	38.9%	Citations per 1000	
	Passing through:	61.1%	18 + residents:	28.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,818)				ITP Stops ³ (N = 797)			
Mean age				Mean age			
43.34				42.02			
Gender %				Gender %			
Female 41.6%				Female 40.1%			
Male 58.4%				Male 59.8%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 4.6%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 9.3%				AA/Black 8.6%			
Hispanic 6.7%				Hispanic 5.4%			
White 74.6%				White 76.1%			
Other 9.4%				Other 9.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.3%	3.0%	6.3%	AA/Black	9.3%	14.4%	-5.1%
Hispanic	6.7%	4.9%	1.8%	Hispanic	6.7%	14.5%	-7.8%
White	74.6%	73.7%	0.9%	White	74.6%	66.4%	8.2%
Other	9.4%	18.4%	-9.0%	Other	9.4%	4.6%	4.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	416	24.5%	30.0%	NW	173	21.9%	30.3%
White	1,204	75.5%	70.0%	White	539	78.1%	69.7%
Chi-square, X-tab ⁶ : .034* sig.				Chi-square, X-tab ⁶ : .018* sig.			
Odds ratio Exp(B) ⁷ : .718* sig.				Odds ratio Exp(B) ⁷ : .622 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	83.3%	6.3%	9.8%	0.6%	NW	3	N/A
Hispanic	68.8%	5.6%	23.6%	2.1%	White	5	N/A
White	87.1%	7.1%	5.6%	0.2%			
Other	84.5%	7.5%	6.3%	1.7%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORFOLK POLICE DEPARTMENT**

Total Citations ¹ : 1,013	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.3%	Citations per 1000	
	Passing through:	77.7%	18 + residents:	107.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 967)				ITP Stops ³ (N = 451)			
Mean age				Mean age			
37.36				36.64			
Gender %				Gender %			
Female 32.7%				Female 31.6%			
Male 67.3%				Male 68.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.1%				Race % Mis/Unk ⁴ 2.9%			
AA/Black 6.8%				AA/Black 4.8%			
Hispanic 8.2%				Hispanic 8.4%			
White 81.9%				White 83.3%			
Other 3.1%				Other 3.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.8%	7.4%	-0.6%	AA/Black	6.8%	14.4%	-7.6%
Hispanic	8.2%	7.6%	0.6%	Hispanic	8.2%	14.5%	-6.3%
White	81.9%	83.2%	-1.3%	White	81.9%	66.4%	15.5%
Other	3.1%	3.1%	0.0%	Other	3.1%	4.6%	-1.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	163	15.1%	28.4%	NW	67	16.1%	16.7%
White	746	84.9%	71.6%	White	346	83.9%	83.3%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.920	not sig.
Odds ratio Exp(B) ⁷ :		.443*	sig.	Odds ratio Exp(B) ⁷ :		1.490	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	59.1%	10.6%	18.2%	12.1%	NW	0	N/A
Hispanic	31.2%	5.2%	49.4%	14.3%	White	0	N/A
White	77.2%	8.6%	7.3%	6.9%			
Other	93.1%	6.9%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH ADAMS POLICE DEPARTMENT**

Total Citations ¹ : 496	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	57.6%	Citations per 1000	
	Passing through:	42.4%	18 + residents:	47.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 396)				ITP Stops ³ (N = 135)			
Mean age				Mean age			
35.28				34.44			
Gender %				Gender %			
Female 36.8%				Female 40.3%			
Male 62.9%				Male 59.0%			
Non-binary 0.3%				Non-binary 0.7%			
Race % Mis/Unk ⁴ 3.3%				Race % Mis/Unk ⁴ 3.7%			
AA/Black 9.4%				AA/Black 10.8%			
Hispanic 1.6%				Hispanic 1.5%			
White 88.8%				White 86.9%			
Other 0.3%				Other 0.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.4%	1.7%	7.7%	AA/Black	9.4%	14.4%	-5.0%
Hispanic	1.6%	6.6%	-5.0%	Hispanic	1.6%	14.5%	-12.9%
White	88.8%	86.0%	2.8%	White	88.8%	66.4%	22.4%
Other	0.3%	6.9%	-6.6%	Other	0.3%	4.6%	-4.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	8.8%	15.0%	NW	16	16.7%	12.5%
White	282	91.2%	85.0%	White	98	83.3%	87.5%
Chi-square, X-tab ⁶ : .088 not sig.				Chi-square, X-tab ⁶ : .537 not sig.			
Odds ratio Exp(B) ⁷ : .523 not sig.				Odds ratio Exp(B) ⁷ : .794 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	26.2%	9.5%	57.1%	7.1%	NW	1	
Hispanic	75.0%	0.0%	25.0%	0.0%	White	3	
White	45.0%	13.0%	33.7%	8.3%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-square, X-tab ⁶ : .109 not sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORTH ANDOVER POLICE DEPARTMENT

Total Citations ¹ : 508	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		26.8%	Citations per 1000			
	Passing through:		73.2%	18 + residents:		21.5	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 478)			ITP Stops³ (N = 112)				
Mean age			Mean age				
35.95			35.21				
Gender %			Gender %				
Female 32.6%			Female 23.6%				
Male 67.4%			Male 76.4%				
Non-binary 0.0%			Non-binary 0.0%				
Race %		Mis/Unk ⁴	Race %		Mis/Unk ⁴		
AA/Black		5.7%	AA/Black		6.3%		
Hispanic		26.1%	Hispanic		6.7%		
White		64.7%	White		21.0%		
Other		3.5%	Other		70.5%		
					1.9%		
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race		City Dem	% Dif	Motorist Race		% Dif	
AA/Black	5.7%	3.6%	2.1%	AA/Black	5.7%	-8.7%	
Hispanic	26.1%	7.6%	18.5%	Hispanic	26.1%	11.6%	
White	64.7%	81.1%	-16.4%	White	64.7%	-1.7%	
Other	3.5%	8.5%	-5.0%	Other	3.5%	-1.1%	
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	148	36.4%	31.7%	NW	N/A	N/A	N/A
White	269	63.6%	68.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.424	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.212	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	53.6%	25.0%	21.4%	0.0%	NW	0	N/A
Hispanic	55.6%	21.8%	14.5%	8.1%	White	0	N/A
White	57.6%	23.4%	14.2%	4.7%			
Other	56.3%	25.0%	12.5%	6.3%		Counts	Percent
Chi-square, X-tab ⁶ :		.861	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH ATTLEBORO POLICE DEPARTMENT**

Total Citations ¹ : 769	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	32.4%	Citations per 1000	
	Passing through:	67.6%	18 + residents:	34.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 488)				ITP Stops ³ (N = 162)			
Mean age				Mean age			
35.28				35.97			
Gender %				Gender %			
Female		37.5%		Female		31.5%	
Male		62.1%		Male		67.9%	
Non-binary		0.4%		Non-binary		0.6%	
Race %		Mis/Unk ⁴ 5.5%		Race %		Mis/Unk ⁴ 3.1%	
AA/Black		13.9%		AA/Black		15.9%	
Hispanic		11.5%		Hispanic		10.8%	
White		72.7%		White		71.3%	
Other		2.0%		Other		1.9%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.9%	2.0%	11.9%	AA/Black	13.9%	14.4%	-0.5%
Hispanic	11.5%	5.6%	5.9%	Hispanic	11.5%	14.5%	-3.0%
White	72.7%	84.2%	-11.5%	White	72.7%	66.4%	6.3%
Other	2.0%	9.1%	-7.1%	Other	2.0%	4.6%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	117	24.0%	32.7%	NW	37	29.0%	20.5%
White	296	76.0%	67.3%	White	102	71.0%	79.5%
Chi-square, X-tab ⁶ :		.051	not sig.	Chi-square, X-tab ⁶ :		.309	not sig.
Odds ratio Exp(B) ⁷ :		.620*	sig.	Odds ratio Exp(B) ⁷ :		1.785	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	34.8%	27.0%	34.8%	3.4%	NW	2
Hispanic	29.3%	25.3%	38.7%	6.7%	White	3
White	32.7%	32.9%	26.9%	7.6%		
Other	50.0%	21.4%	28.6%	0.0%		
Chi-square, X-tab ⁶ :		.265	not sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH READING POLICE DEPARTMENT**

Total Citations ¹ : 213	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		26.2%	Citations per 1000			
	Passing through:		73.8%	18 + residents: 17.2			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 172)			ITP Stops³ (N = N/A)				
Mean age			Mean age				
38.94			N/A				
Gender %			Gender %				
Female 32.2%			Female N/A				
Male 67.8%			Male N/A				
Non-binary 0.0%			Non-binary N/A				
Race %		Mis/Unk ⁴	2.9%	Race %		Mis/Unk ⁴	N/A
AA/Black			4.8%	AA/Black			N/A
Hispanic			13.8%	Hispanic			N/A
White			79.6%	White			N/A
Other			1.8%	Other			N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.8%	1.3%	N/A	AA/Black	4.8%	14.4%	-9.6%
Hispanic	13.8%	2.0%	N/A	Hispanic	13.8%	14.5%	-0.7%
White	79.6%	89.3%	N/A	White	79.6%	66.4%	13.2%
Other	1.8%	7.0%	N/A	Other	1.8%	4.6%	-2.8%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	31	20.0%	23.1%	NW	N/A	N/A	N/A
White	120	80.0%	76.9%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.724	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.965	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	45.5%	9.1%	45.5%	0.0%	NW	0	N/A
Hispanic	16.0%	32.0%	52.0%	0.0%	White	0	N/A
White	50.6%	11.3%	29.2%	8.9%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.005*	sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHAMPTON POLICE DEPARTMENT**

Total Citations ¹ : 1,494	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.5%	Citations per 1000	
	Passing through:	73.5%	18 + residents:	62.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,359)				ITP Stops ³ (N = 441)			
Mean age				Mean age			
37.96				37.58			
Gender %				Gender %			
Female 45.1%				Female 48.2%			
Male 54.9%				Male 51.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.8%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 6.2%				AA/Black 5.7%			
Hispanic 1.9%				Hispanic 2.3%			
White 90.7%				White 90.5%			
Other 1.2%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.2%	2.2%	4.0%	AA/Black	6.2%	14.4%	-8.2%
Hispanic	1.9%	8.7%	-6.8%	Hispanic	1.9%	14.5%	-12.6%
White	90.7%	82.2%	8.5%	White	90.7%	66.4%	24.3%
Other	1.2%	7.7%	-6.5%	Other	1.2%	4.6%	-3.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	115	7.4%	11.4%	NW	33	8.7%	8.2%
White	1,146	92.6%	88.6%	White	354	91.3%	91.8%
Chi-square, X-tab ⁶ :		.015*	sig.	Chi-square, X-tab ⁶ :		.866	not sig.
Odds ratio Exp(B) ⁷ :		.607*	sig.	Odds ratio Exp(B) ⁷ :		.860	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	46.2%	16.5%	25.3%	12.1%	NW	0	N/A
Hispanic	43.3%	10.0%	43.3%	3.3%	White	2	N/A
White	69.4%	14.0%	12.2%	4.3%			
Other	66.7%	19.0%	9.5%	4.8%		Counts	Percent
Chi-square, X-tab ⁶ :		.000	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 3,295	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.7%	Citations per 1000	
	Passing through:	78.3%	18 + residents:	285.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,152)				ITP Stops ³ (N = 1,118)			
Mean age				Mean age			
38.73				38.89			
Gender %				Gender %			
Female 42.6%				Female 41.3%			
Male 57.4%				Male 58.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.4%				Race % Mis/Unk ⁴ 0.2%			
AA/Black 8.5%				AA/Black 8.9%			
Hispanic 10.8%				Hispanic 10.2%			
White 68.8%				White 66.6%			
Other 11.9%				Other 14.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.5%	3.2%	5.3%	AA/Black	8.5%	14.4%	-5.9%
Hispanic	10.8%	2.7%	8.1%	Hispanic	10.8%	14.5%	-3.7%
White	68.8%	82.7%	-13.9%	White	68.8%	66.4%	2.4%
Other	11.9%	11.6%	0.3%	Other	11.9%	4.6%	7.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	940	27.3%	42.9%	NW	335	33.6%	32.3%
White	2,089	72.7%	57.1%	White	674	66.4%	67.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .700 not sig.			
Odds ratio Exp(B) ⁷ : .472* sig.				Odds ratio Exp(B) ⁷ : .897 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.6%	15.4%	7.9%	1.1%	NW	4	N/A
Hispanic	67.0%	17.6%	12.6%	2.7%	White	0	N/A
White	81.1%	14.6%	3.2%	1.1%			
Other	83.5%	14.1%	2.1%	0.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000 sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHBRIDGE POLICE DEPARTMENT**

Total Citations ¹ : 939	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	15.1%	Citations per 1000	
	Passing through:	84.9%	18 + residents:	72.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 897)				ITP Stops ³ (N = 462)			
Mean age				Mean age			
36.23				35.73			
Gender %				Gender %			
Female 36.4%				Female 33.8%			
Male 63.6%				Male 66.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ 2.6%			
AA/Black 5.0%				AA/Black 4.7%			
Hispanic 7.5%				Hispanic 8.4%			
White 85.7%				White 84.7%			
Other 1.8%				Other 2.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	5.0%	2.0%	3.0%	AA/Black	5.0%	14.4% -9.4%
Hispanic	7.5%	6.2%	1.3%	Hispanic	7.5%	14.5% -7.0%
White	85.7%	87.4%	-1.7%	White	85.7%	66.4% 19.3%
Other	1.8%	5.3%	-3.5%	Other	1.8%	4.6% -2.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	109	11.7%	15.6%	NW	53	13.6%	12.2%
White	723	88.3%	84.4%	White	351	86.4%	87.8%
Chi-square, X-tab ⁶ : .114 <i>not sig.</i>				Chi-square, X-tab ⁶ : .709 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .620* <i>sig.</i>				Odds ratio Exp(B) ⁷ : .829 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.3%	2.2%	10.9%	8.7%	NW	0	N/A
Hispanic	74.2%	4.5%	13.6%	7.6%	White	0	N/A
White	83.4%	3.5%	7.5%	5.6%			
Other	81.3%	0.0%	12.5%	6.3%		Counts	Percent
Chi-square, X-tab ⁶ : .688 <i>not sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHFIELD POLICE DEPARTMENT**

Total Citations ¹ : 395	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		9.0%	Citations per 1000			
	Passing through:		91.0%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 389)				ITP Stops³ (N = 124)			
Mean age				Mean age			
39.69				38.6			
Gender %				Gender %			
Female		28.9%		Female		25.8%	
Male		71.1%		Male		74.2%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 1.3%		Race %		Mis/Unk ⁴ 2.4%	
AA/Black		2.9%		AA/Black		5.0%	
Hispanic		1.6%		Hispanic		1.7%	
White		93.8%		White		93.4%	
Other		1.8%		Other		0.0%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.9%	N/A	N/A	AA/Black	2.9%	14.4%	-11.5%
Hispanic	1.6%	N/A	N/A	Hispanic	1.6%	14.5%	-12.9%
White	93.8%	N/A	N/A	White	93.8%	66.4%	27.4%
Other	1.8%	N/A	N/A	Other	1.8%	4.6%	-2.8%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	90.9%	0.0%	9.1%	0.0%	NW	0	N/A
Hispanic	50.0%	50.0%	0.0%	0.0%	White	0	N/A
White	72.9%	20.5%	6.3%	0.3%			
Other	87.5%	12.5%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .602				not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTON POLICE DEPARTMENT**

Total Citations ¹ : 672	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	34.7%	Citations per 1000	
	Passing through:	65.3%	18 + residents:	40.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 619)				ITP Stops ³ (N = 237)			
Mean age				Mean age			
37.69				37.66			
Gender %				Gender %			
Female 39.8%				Female 33.9%			
Male 60.2%				Male 66.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.4%				Race % Mis/Unk ⁴ 4.6%			
AA/Black 5.6%				AA/Black 6.6%			
Hispanic 3.0%				Hispanic 4.4%			
White 89.4%				White 87.6%			
Other 2.0%				Other 1.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.6%	4.1%	1.5%	AA/Black	5.6%	14.4%	-8.8%
Hispanic	3.0%	2.7%	0.3%	Hispanic	3.0%	14.5%	-11.5%
White	89.4%	90.3%	-0.9%	White	89.4%	66.4%	23.0%
Other	2.0%	3.0%	-1.0%	Other	2.0%	4.6%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	10.4%	12.8%	NW	28	13.8%	12.5%
White	485	89.6%	87.2%	White	181	86.2%	87.5%
Chi-square, X-tab ⁶ :		.416	not sig.	Chi-square, X-tab ⁶ :		.800	not sig.
Odds ratio Exp(B) ⁷ :		.793	not sig.	Odds ratio Exp(B) ⁷ :		1.241	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.5%	7.5%	7.5%	2.5%	NW	0	N/A
Hispanic	57.1%	14.3%	14.3%	14.3%	White	2	N/A
White	84.0%	7.9%	6.8%	1.2%			
Other	92.3%	7.7%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.002*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORWELL POLICE DEPARTMENT**

Total Citations ¹ : 286	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		27.8%	Citations per 1000			
	Passing through:		72.2%	18 + residents:		35.3	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 266)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
39.38				N/A			
Gender %				Gender %			
Female		50.8%		Female		N/A	
Male		49.2%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.9%				N/A	
AA/Black		2.7%		AA/Black		N/A	
Hispanic		4.6%		Hispanic		N/A	
White		90.4%		White		N/A	
Other		2.3%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.7%	0.3%	N/A	AA/Black	2.7%	14.4%	-11.7%
Hispanic	4.6%	2.3%	N/A	Hispanic	4.6%	14.5%	-9.9%
White	90.4%	94.5%	N/A	White	90.4%	66.4%	24.0%
Other	2.3%	2.7%	N/A	Other	2.3%	4.6%	-2.3%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	9.4%	12.5%	NW	N/A	N/A	N/A
White	226	90.6%	87.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.514	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.606	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.1%	14.3%	28.6%	0.0%	NW	0	N/A
Hispanic	69.2%	0.0%	30.8%	0.0%	White	0	N/A
White	83.5%	4.3%	10.6%	1.6%			
Other	83.3%	16.7%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.219	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORWOOD POLICE DEPARTMENT**

Total Citations ¹ : 1,409	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	37.2%	Citations per 1000	
	Passing through:	62.8%	18 + residents:	59.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,279)				ITP Stops ³ (N = 552)			
Mean age				Mean age			
41.62				41.28			
Gender %				Gender %			
Female		36.7%		Female		38.9%	
Male		63.2%		Male		61.1%	
Non-binary		0.1%		Non-binary		0.0%	
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 1.3%			
AA/Black		14.9%		AA/Black		16.0%	
Hispanic		10.7%		Hispanic		9.0%	
White		67.1%		White		66.4%	
Other		7.4%		Other		8.6%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.9%	7.2%	7.7%	AA/Black	14.9%	14.4%	0.5%
Hispanic	10.7%	6.8%	3.9%	Hispanic	10.7%	14.5%	-3.8%
White	67.1%	80.4%	-13.3%	White	67.1%	66.4%	0.7%
Other	7.4%	7.1%	0.3%	Other	7.4%	4.6%	2.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	390	29.0%	37.8%	NW	160	32.5%	33.5%
White	807	71.0%	62.2%	White	324	67.5%	66.5%
Chi-square, X-tab ⁶ :		.001*	sig.	Chi-square, X-tab ⁶ :		.830	not sig.
Odds ratio Exp(B) ⁷ :		.640*	sig.	Odds ratio Exp(B) ⁷ :		.598	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.9%	9.7%	14.0%	1.4%	NW	6	N/A
Hispanic	60.0%	10.6%	22.5%	6.9%	White	13	N/A
White	81.7%	8.1%	7.1%	3.1%			
Other	88.8%	7.1%	4.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
OAK BLUFFS POLICE DEPARTMENT**

Total Citations ¹ : 275	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		31.0%	Citations per 1000			
	Passing through:		69.0%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 204)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
38.43				N/A			
Gender %				Gender %			
Female		32.0%		Female		N/A	
Male		68.0%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴ 5.4%		Race %		Mis/Unk ⁴ N/A	
AA/Black		13.5%		AA/Black		N/A	
Hispanic		1.6%		Hispanic		N/A	
White		85.0%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	13.5%	N/A	N/A	AA/Black	13.5%	14.4%	-0.9%
Hispanic	1.6%	N/A	N/A	Hispanic	1.6%	14.5%	-12.9%
White	85.0%	N/A	N/A	White	85.0%	66.4%	18.6%
Other	0.0%	N/A	N/A	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	11.6%	20.0%	NW	N/A	N/A	N/A
White	158	88.4%	80.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.136	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.548	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.5%	9.1%	24.2%	12.1%	NW	1	N/A
Hispanic	25.0%	25.0%	50.0%	0.0%	White	8	N/A
White	39.9%	14.3%	29.6%	16.1%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.610	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
OAKHAM POLICE DEPARTMENT**

Total Citations ¹ : 510	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	3.8%	Citations per 1000	
	Passing through:	96.2%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 503)				ITP Stops ³ (N = 210)			
Mean age				Mean age			
36.82				36.65			
Gender %				Gender %			
Female 38.2%				Female 29.2%			
Male 61.8%				Male 70.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.4%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 4.7%				AA/Black 3.4%			
Hispanic 7.5%				Hispanic 9.1%			
White 86.8%				White 85.1%			
Other 1.0%				Other 2.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.7%	N/A	N/A	AA/Black	4.7%	14.4%	-9.7%
Hispanic	7.5%	N/A	N/A	Hispanic	7.5%	14.5%	-7.0%
White	86.8%	N/A	N/A	White	86.8%	66.4%	20.4%
Other	1.0%	N/A	N/A	Other	1.0%	4.6%	-3.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	12.4%	13.8%	NW	26	14.4%	13.6%
White	391	87.6%	86.2%	White	159	85.6%	86.4%
Chi-square, X-tab ⁶ :		.667	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.870	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.892	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.884	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.9%	8.7%	30.4%	0.0%	NW	1	N/A
Hispanic	67.6%	13.5%	18.9%	0.0%	White	7	N/A
White	75.6%	13.7%	9.3%	1.4%			
Other	80.0%	20.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.115	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ORANGE POLICE DEPARTMENT**

Total Citations ¹ : 438	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		45.0%	Citations per 1000			
	Passing through:		55.0%	18 + residents:		71.7	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 400)				ITP Stops³ (N = 141)			
Mean age				Mean age			
36.13				38.21			
Gender %				Gender %			
Female		42.0%		Female		41.8%	
Male		58.0%		Male		58.2%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		2.3%				1.4%	
AA/Black		3.3%		AA/Black		2.9%	
Hispanic		1.0%		Hispanic		0.7%	
White		94.9%		White		95.7%	
Other		0.8%		Other		0.7%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.3%	0.6%	2.7%	AA/Black	3.3%	14.4%	-11.1%
Hispanic	1.0%	2.5%	-1.5%	Hispanic	1.0%	14.5%	-13.5%
White	94.9%	94.7%	0.2%	White	94.9%	66.4%	28.5%
Other	0.8%	3.0%	-2.2%	Other	0.8%	4.6%	-3.8%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	18	5.9%	3.5%	NW	N/A	N/A	N/A
White	343	94.1%	96.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		303	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.535	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	38.5%	0.0%	38.5%	23.1%	NW	2	N/A
Hispanic	75.0%	25.0%	0.0%	0.0%	White	5	N/A
White	38.7%	24.5%	29.2%	7.6%			
Other	66.7%	0.0%	0.0%	33.3%		Counts	Percent
Chi-square, X-tab ⁶ :		.102	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ORLEANS POLICE DEPARTMENT**

Total Citations ¹ : 175	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		18.4%	Citations per 1000		
	Passing through:		81.6%	18 + residents: 35.6		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 125)				ITP Stops³ (N = N/A)		
Mean age				Mean age		
40.11				N/A		
Gender %				Gender %		
Female		31.2%		Female		N/A
Male		68.8%		Male		N/A
Non-binary		0.0%		Non-binary		N/A
Race %		Mis/Unk ⁴ 3.2%		Race %		Mis/Unk ⁴ N/A
AA/Black		8.3%		AA/Black		N/A
Hispanic		3.3%		Hispanic		N/A
White		87.6%		White		N/A
Other		0.8%		Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	8.3%	3.6%	N/A	AA/Black	8.3%	14.4% -6.1%
Hispanic	3.3%	1.9%	N/A	Hispanic	3.3%	14.5% -11.2%
White	87.6%	93.4%	N/A	White	87.6%	66.4% 21.2%
Other	0.8%	1.8%	N/A	Other	0.8%	4.6% -3.8%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops²				ITP Stops³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	14	15.0%	10.4%	NW	N/A	N/A N/A
White	94	85.0%	89.6%	White	N/A	N/A N/A
Chi-square, X-tab ⁶ :		.481	not sig.	Chi-square, X-tab ⁶ :		N/A N/A
Odds ratio Exp(B) ⁷ :		1.421	not sig.	Odds ratio Exp(B) ⁷ :		N/A N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	63.6%	9.1%	9.1%	18.2%	NW	0 N/A
Hispanic	60.0%	0.0%	40.0%	0.0%	White	0 N/A
White	51.9%	13.6%	26.0%	8.4%		
Other	0.0%	100.0%	0.0%	0.0%		Counts Percent
Chi-square, X-tab ⁶ :		.292	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
OXFORD POLICE DEPARTMENT**

Total Citations ¹ : 684	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.8%	Citations per 1000	
	Passing through:	82.2%	18 + residents:	62.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 607)				ITP Stops ³ (N = 205)			
Mean age				Mean age			
37.77				36.83			
Gender %				Gender %			
Female 35.3%				Female 30.2%			
Male 64.5%				Male 69.3%			
Non-binary 0.2%				Non-binary 0.5%			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 7.6%				AA/Black 5.5%			
Hispanic 5.2%				Hispanic 5.5%			
White 85.0%				White 87.1%			
Other 2.2%				Other 2.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.6%	2.0%	5.6%	AA/Black	7.6%	14.4%	-6.8%
Hispanic	5.2%	5.6%	-0.4%	Hispanic	5.2%	14.5%	-9.3%
White	85.0%	87.9%	-2.9%	White	85.0%	66.4%	18.6%
Other	2.2%	5.9%	-3.7%	Other	2.2%	4.6%	-2.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	75	11.2%	22.8%	NW	25	12.2%	16.0%
White	475	88.8%	77.2%	White	154	87.8%	84.0%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.465	not sig.
Odds ratio Exp(B) ⁷ :		.422*	sig.	Odds ratio Exp(B) ⁷ :		.346	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.5%	6.5%	30.4%	6.5%	NW	0	N/A
Hispanic	52.6%	2.6%	34.2%	10.5%	White	3	N/A
White	65.4%	10.2%	17.4%	7.0%			
Other	87.5%	6.3%	0.0%	6.3%		Counts	Percent
Chi-square, X-tab ⁶ :		.037*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PALMER POLICE DEPARTMENT**

Total Citations ¹ : 553	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.4%	Citations per 1000	
	Passing through:	78.6%	18 + residents:	55.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 437)				ITP Stops ³ (N = 180)			
Mean age				Mean age			
37.77				38.47			
Gender %				Gender %			
Female 35.5%				Female 36.5%			
Male 64.5%				Male 63.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.5%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 8.5%				AA/Black 7.3%			
Hispanic 8.0%				Hispanic 10.7%			
White 80.8%				White 79.2%			
Other 2.8%				Other 2.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.5%	2.2%	6.3%	AA/Black	8.5%	14.4%	-5.9%
Hispanic	8.0%	4.5%	3.5%	Hispanic	8.0%	14.5%	-6.5%
White	80.8%	87.4%	-6.6%	White	80.8%	66.4%	14.4%
Other	2.8%	7.1%	-4.3%	Other	2.8%	4.6%	-1.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	77	15.6%	23.7%	NW	35	15.8%	28.2%
White	305	84.4%	76.3%	White	131	84.2%	71.8%
Chi-square, X-tab ⁶ : .049* <i>sig.</i>				Chi-square, X-tab ⁶ : .053 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .621 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .434 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	12.5%	30.0%	7.5%	NW	0	N/A
Hispanic	51.3%	2.6%	28.2%	17.9%	White	7	N/A
White	49.9%	6.0%	27.1%	17.1%			
Other	75.0%	16.7%	8.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .183 <i>not sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PAXTON POLICE DEPARTMENT**

Total Citations ¹ : 1,638	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	8.5%	Citations per 1000	
	Passing through:	91.5%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,631)				ITP Stops ³ (N = 534)			
Mean age				Mean age			
35.88				35.89			
Gender %				Gender %			
Female 43.6%				Female 40.3%			
Male 56.4%				Male 59.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 2.6%			
AA/Black 7.5%				AA/Black 4.2%			
Hispanic 8.6%				Hispanic 8.1%			
White 82.2%				White 86.2%			
Other 1.7%				Other 1.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.5%	N/A	N/A	AA/Black	7.5%	14.4%	-6.9%
Hispanic	8.6%	N/A	N/A	Hispanic	8.6%	14.5%	-5.9%
White	82.2%	N/A	N/A	White	82.2%	66.4%	15.8%
Other	1.7%	N/A	N/A	Other	1.7%	4.6%	-2.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	281	14.7%	25.3%	NW	67	14.3%	13.5%
White	1,286	85.3%	74.7%	White	412	85.7%	86.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .818 not sig.			
Odds ratio Exp(B) ⁷ : .487* sig.				Odds ratio Exp(B) ⁷ : .446* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.3%	15.8%	9.2%	1.7%	NW	1	N/A
Hispanic	59.4%	9.4%	29.7%	1.4%	White	3	N/A
White	77.6%	14.4%	7.1%	0.9%			
Other	71.4%	17.9%	10.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PEABODY POLICE DEPARTMENT**

Total Citations ¹ : 1,779	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	34.4%	Citations per 1000	
	Passing through:	65.6%	18 + residents:	40.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,646)				ITP Stops ³ (N = 475)			
Mean age				Mean age			
39.94				37.92			
Gender %				Gender %			
Female 39.4%				Female 37.5%			
Male 60.6%				Male 62.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 7.5%				AA/Black 5.3%			
Hispanic 15.9%				Hispanic 17.4%			
White 74.1%				White 75.3%			
Other 2.5%				Other 1.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.5%	3.8%	3.7%	AA/Black	7.5%	14.4%	-6.9%
Hispanic	15.9%	9.9%	6.0%	Hispanic	15.9%	14.5%	1.4%
White	74.1%	82.7%	-8.6%	White	74.1%	66.4%	7.7%
Other	2.5%	4.2%	-1.7%	Other	2.5%	4.6%	-2.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	400	24.1%	30.7%	NW	100	17.9%	32.5%
White	1,161	75.9%	69.3%	White	326	82.1%	67.5%
Chi-square, X-tab ⁶ : .013* sig.				Chi-square, X-tab ⁶ : .001* sig.			
Odds ratio Exp(B) ⁷ : .832 not sig.				Odds ratio Exp(B) ⁷ : .456 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.4%	21.5%	20.8%	2.3%	NW	1	N/A
Hispanic	44.9%	24.6%	26.1%	4.3%	White	11	N/A
White	60.2%	17.1%	18.4%	4.4%			
Other	61.0%	24.4%	12.2%	2.4%		Counts	Percent
Chi-square, X-tab ⁶ : .001* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PEMBROKE POLICE DEPARTMENT**

Total Citations ¹ : 254	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		29.8%	Citations per 1000			
	Passing through:		70.2%	18 + residents:		17.4	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 226)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
34.67				N/A			
Gender %				Gender %			
Female		28.6%		Female		N/A	
Male		71.4%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		2.2%				N/A	
AA/Black		4.5%		AA/Black		N/A	
Hispanic		2.3%		Hispanic		N/A	
White		93.2%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.5%	0.6%	N/A	AA/Black	4.5%	14.4%	-9.9%
Hispanic	2.3%	1.5%	N/A	Hispanic	2.3%	14.5%	-12.2%
White	93.2%	93.5%	N/A	White	93.2%	66.4%	26.8%
Other	0.0%	3.7%	N/A	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	14	5.9%	11.8%	NW	N/A	N/A	N/A
White	173	94.1%	88.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.173	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.418	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	33.3%	16.7%	33.3%	16.7%	NW	0	N/A
Hispanic	20.0%	40.0%	40.0%	0.0%	White	9	N/A
White	48.3%	24.6%	20.7%	6.5%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.441	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PEPPERELL POLICE DEPARTMENT**

Total Citations ¹ : 333	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		27.9%	Citations per 1000 18 + residents: 34.9			
	Passing through:		72.1%				
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 301)				ITP Stops³ (N = 143)			
Mean age				Mean age			
32.89				32.81			
Gender %				Gender %			
Female		29.4%		Female		27.5%	
Male		70.6%		Male		72.5%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.0%				4.9%	
AA/Black		4.1%		AA/Black		0.0%	
Hispanic		3.1%		Hispanic		2.9%	
White		91.8%		White		95.6%	
Other		1.0%		Other		1.5%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.1%	0.8%	3.3%	AA/Black	4.1%	14.4%	-10.3%
Hispanic	3.1%	2.0%	1.1%	Hispanic	3.1%	14.5%	-11.4%
White	91.8%	93.0%	-1.2%	White	91.8%	66.4%	25.4%
Other	1.0%	4.1%	-3.1%	Other	1.0%	4.6%	-3.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	6.8%	11.3%	NW	N/A	N/A	N/A
White	245	93.2%	88.7%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.195	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.556	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.7%	8.3%	25.0%	0.0%	NW	0	N/A
Hispanic	20.0%	10.0%	60.0%	10.0%	White	0	N/A
White	69.4%	6.4%	20.5%	3.7%			
Other	50.0%	0.0%	50.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.120	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PETERSHAM POLICE DEPARTMENT**

Total Citations ¹ : 183	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		7.9%	Citations per 1000			
	Passing through:		92.1%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 178)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
41.77				N/A			
Gender %				Gender %			
Female		40.4%		Female		N/A	
Male		59.6%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		0.0%				N/A	
AA/Black		3.4%		AA/Black		N/A	
Hispanic		1.1%		Hispanic		N/A	
White		94.9%		White		N/A	
Other		0.6%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.4%	N/A	N/A	AA/Black	3.4%	14.4%	-11.0%
Hispanic	1.1%	N/A	N/A	Hispanic	1.1%	14.5%	-13.4%
White	94.9%	N/A	N/A	White	94.9%	66.4%	28.5%
Other	0.6%	N/A	N/A	Other	0.6%	4.6%	-4.0%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	83.3%	16.7%	0.0%	0.0%	NW	0	N/A
Hispanic	0.0%	100.0%	0.0%	0.0%	White	4	N/A
White	67.6%	28.9%	3.5%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .359 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PHILLIPSTON POLICE DEPARTMENT**

Total Citations ¹ : 132	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		23.4%	Citations per 1000			
	Passing through:		76.6%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 124)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
36.16				N/A			
Gender %				Gender %			
Female		37.9%		Female		N/A	
Male		62.1%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		4.0%				N/A	
AA/Black		2.5%		AA/Black		N/A	
Hispanic		0.8%		Hispanic		N/A	
White		96.6%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.5%	N/A	N/A	AA/Black	2.5%	14.4%	-11.9%
Hispanic	0.8%	N/A	N/A	Hispanic	0.8%	14.5%	-13.7%
White	96.6%	N/A	N/A	White	96.6%	66.4%	30.2%
Other	0.0%	N/A	N/A	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	33.3%	33.3%	33.3%	0.0%	NW	1	N/A
Hispanic	0.0%	0.0%	0.0%	100.0%	White	1	N/A
White	68.3%	11.4%	20.3%	0.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .064 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PITTSFIELD POLICE DEPARTMENT**

Total Citations ¹ : 2,711	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	62.0%	Citations per 1000	
	Passing through:	38.0%	18 + residents:	78.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,501)				ITP Stops ³ (N = 842)			
Mean age				Mean age			
39.78				37.97			
Gender %				Gender %			
Female 40.3%				Female 39.3%			
Male 59.7%				Male 60.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.6%				Race % Mis/Unk ⁴ 2.7%			
AA/Black 13.3%				AA/Black 13.4%			
Hispanic 3.4%				Hispanic 2.3%			
White 82.7%				White 83.6%			
Other 0.5%				Other 0.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.3%	4.5%	8.8%	AA/Black	13.3%	14.4%	-1.1%
Hispanic	3.4%	6.8%	-3.4%	Hispanic	3.4%	14.5%	-11.1%
White	82.7%	83.3%	-0.6%	White	82.7%	66.4%	16.3%
Other	0.5%	6.5%	-6.0%	Other	0.5%	4.6%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	374	13.3%	25.2%	NW	124	14.8%	19.2%
White	1,863	86.7%	74.8%	White	624	85.2%	80.8%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.113	not sig.
Odds ratio Exp(B) ⁷ :		.365*	sig.	Odds ratio Exp(B) ⁷ :		.846	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.6%	16.0%	24.9%	2.4%	NW	4	N/A
Hispanic	77.2%	9.8%	10.9%	2.2%	White	10	N/A
White	75.4%	14.7%	8.1%	1.9%			
Other	80.0%	6.7%	6.7%	6.7%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PLAINVILLE POLICE DEPARTMENT**

Total Citations ¹ : 209	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		17.0%	Citations per 1000 18 + residents: N/A			
	Passing through:		83.0%				
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 188)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
38.88				N/A			
Gender %				Gender %			
Female		42.6%		Female		N/A	
Male		57.4%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴ 3.7%		Race %		Mis/Unk ⁴ N/A	
AA/Black		4.4%		AA/Black		N/A	
Hispanic		6.1%		Hispanic		N/A	
White		87.8%		White		N/A	
Other		1.7%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.4%	4.8%	N/A	AA/Black	4.4%	14.4%	-10.0%
Hispanic	6.1%	4.5%	N/A	Hispanic	6.1%	14.5%	-8.4%
White	87.8%	87.9%	N/A	White	87.8%	66.4%	21.4%
Other	1.7%	4.9%	N/A	Other	1.7%	4.6%	-2.9%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	14.0%	10.6%	NW	N/A	N/A	N/A
White	151	86.0%	89.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.513	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.581	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.6%	22.2%	22.2%	0.0%	NW	0	N/A
Hispanic	75.0%	16.7%	8.3%	0.0%	White	1	N/A
White	63.4%	23.4%	10.3%	2.9%			
Other	25.0%	50.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.804	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PLYMOUTH POLICE DEPARTMENT**

Total Citations ¹ : 2,930	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	57.0%	Citations per 1000	
	Passing through:	43.0%	18 + residents:	58.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,754)				ITP Stops ³ (N = 1,215)			
Mean age				Mean age			
37.65				38.67			
Gender %				Gender %			
Female 41.3%				Female 39.5%			
Male 58.6%				Male 60.4%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 3.3%				Race % Mis/Unk ⁴ 3.4%			
AA/Black 6.6%				AA/Black 5.5%			
Hispanic 0.6%				Hispanic 0.8%			
White 92.2%				White 93.0%			
Other 0.5%				Other 0.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.6%	1.9%	4.7%	AA/Black	6.6%	14.4%	-7.8%
Hispanic	0.6%	2.4%	-1.8%	Hispanic	0.6%	14.5%	-13.9%
White	92.2%	91.6%	0.6%	White	92.2%	66.4%	25.8%
Other	0.5%	3.8%	-3.3%	Other	0.5%	4.6%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	165	6.6%	7.8%	NW	68	7.1%	5.8%
White	2,144	93.4%	92.2%	White	964	92.9%	94.2%
Chi-square, X-tab ⁶ : .235 <i>not sig.</i>				Chi-square, X-tab ⁶ : .396 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .797 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : 1.119 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.4%	17.8%	16.8%	2.1%	NW	3	N/A
Hispanic	41.2%	47.1%	11.8%	0.0%	White	34	N/A
White	80.5%	11.2%	8.0%	0.3%			
Other	78.6%	21.4%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PLYMPTON POLICE DEPARTMENT**

Total Citations ¹ : 125	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		7.8%	Citations per 1000			
	Passing through:		92.2%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 102)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
32.53				N/A			
Gender %				Gender %			
Female		34.7%		Female		N/A	
Male		64.4%		Male		N/A	
Non-binary		1.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.9%				N/A	
AA/Black		7.1%		AA/Black		N/A	
Hispanic		3.1%		Hispanic		N/A	
White		89.8%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.1%	N/A	N/A	AA/Black	7.1%	14.4%	-7.3%
Hispanic	3.1%	N/A	N/A	Hispanic	3.1%	14.5%	-11.4%
White	89.8%	N/A	N/A	White	89.8%	66.4%	23.4%
Other	0.0%	N/A	N/A	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.5%	37.5%	0.0%	0.0%	NW	1	N/A
Hispanic	66.7%	33.3%	0.0%	0.0%	White	6	N/A
White	45.9%	32.1%	19.3%	2.8%			
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .572 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PRINCETON POLICE DEPARTMENT

Total Citations ¹ : 431	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	10.4%	Citations per 1000	
	Passing through:	89.6%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 413)				ITP Stops ³ (N = 199)			
Mean age				Mean age			
37.15				36.57			
Gender %				Gender %			
Female 32.8%				Female 32.7%			
Male 67.0%				Male 67.3%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.1%				Race % Mis/Unk ⁴ 4.0%			
AA/Black 5.6%				AA/Black 5.8%			
Hispanic 2.8%				Hispanic 3.7%			
White 89.6%				White 88.5%			
Other 2.0%				Other 2.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.6%	N/A	N/A	AA/Black	5.6%	14.4%	-8.8%
Hispanic	2.8%	N/A	N/A	Hispanic	2.8%	14.5%	-11.7%
White	89.6%	N/A	N/A	White	89.6%	66.4%	23.2%
Other	2.0%	N/A	N/A	Other	2.0%	4.6%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	7.7%	13.2%	NW	19	10.7%	11.8%
White	328	92.3%	86.8%	White	149	89.3%	88.2%
Chi-square, X-tab ⁶ :		.090	not sig.	Chi-square, X-tab ⁶ :		.813	not sig.
Odds ratio Exp(B) ⁷ :		.529	not sig.	Odds ratio Exp(B) ⁷ :		.775	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.9%	17.4%	21.7%	0.0%	NW	0	N/A
Hispanic	64.3%	21.4%	14.3%	0.0%	White	0	N/A
White	76.6%	18.3%	3.5%	1.6%			
Other	55.6%	33.3%	11.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.015*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PROVINCETOWN POLICE DEPARTMENT**

Total Citations ¹ : 329	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		22.2%	Citations per 1000			
	Passing through:		77.8%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 307)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
43.25				N/A			
Gender %				Gender %			
Female		27.4%		Female		N/A	
Male		72.6%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.3%				N/A	
AA/Black		13.8%		AA/Black		N/A	
Hispanic		2.7%		Hispanic		N/A	
White		81.8%		White		N/A	
Other		2.4%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	13.8%	N/A	N/A	AA/Black	13.8%	14.4%	-0.6%
Hispanic	2.7%	N/A	N/A	Hispanic	2.7%	14.5%	-11.8%
White	81.8%	N/A	N/A	White	81.8%	66.4%	15.4%
Other	2.4%	N/A	N/A	Other	2.4%	4.6%	-2.2%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	14.7%	26.9%	NW	N/A	N/A	N/A
White	221	85.3%	73.1%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.013*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.461*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	46.5%	23.3%	20.9%	9.3%	NW	0	N/A
Hispanic	22.2%	33.3%	33.3%	11.1%	White	4	N/A
White	45.6%	22.4%	20.8%	11.2%			
Other	85.7%	14.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.612	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
QUINCY POLICE DEPARTMENT**

Total Citations ¹ : 3,149	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	40.9%	Citations per 1000	
	Passing through:	59.1%	18 + residents:	39

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,891)				ITP Stops ³ (N = 1,123)			
Mean age				Mean age			
39.97				39.38			
Gender %				Gender %			
Female 37.6%				Female 36.8%			
Male 62.4%				Male 63.0%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 15.9%				AA/Black 16.5%			
Hispanic 5.1%				Hispanic 4.2%			
White 60.9%				White 61.1%			
Other 18.1%				Other 18.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.9%	5.1%	10.8%	AA/Black	15.9%	14.4%	1.5%
Hispanic	5.1%	3.1%	2.0%	Hispanic	5.1%	14.5%	-9.4%
White	60.9%	59.0%	1.9%	White	60.9%	66.4%	-5.5%
Other	18.1%	32.6%	-14.5%	Other	18.1%	4.6%	13.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	967	38.5%	36.7%	NW	387	41.2%	33.0%
White	1,571	61.5%	63.3%	White	621	58.8%	67.0%
Chi-square, X-tab ⁶ :		.446	not sig.	Chi-square, X-tab ⁶ :		.011*	sig.
Odds ratio Exp(B) ⁷ :		1.068	not sig.	Odds ratio Exp(B) ⁷ :		1.406	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.1%	4.8%	11.9%	3.2%	NW	19	N/A
Hispanic	71.0%	3.1%	18.5%	7.4%	White	14	N/A
White	85.8%	3.7%	8.8%	1.7%			
Other	89.3%	5.5%	5.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT RANDOLPH POLICE DEPARTMENT

Total Citations ¹ : 971	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	36.0%	Citations per 1000	
	Passing through:	64.0%	18 + residents:	35.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 873)				ITP Stops ³ (N = 421)			
Mean age				Mean age			
38.67				37.92			
Gender %				Gender %			
Female 33.7%				Female 31.3%			
Male 66.3%				Male 68.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		7.4%				10.7%	
AA/Black		54.5%		AA/Black		50.3%	
Hispanic		13.2%		Hispanic		18.1%	
White		25.0%		White		24.5%	
Other		7.3%		Other		7.2%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	54.5%	44.7%	9.8%	AA/Black	54.5%	14.4%	40.1%
Hispanic	13.2%	8.8%	4.4%	Hispanic	13.2%	14.5%	-1.3%
White	25.0%	29.4%	-4.4%	White	25.0%	66.4%	-41.4%
Other	7.3%	16.5%	-9.2%	Other	7.3%	4.6%	2.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	546	73.3%	78.8%	NW	254	74.5%	77.6%
White	182	26.7%	21.2%	White	82	25.5%	22.4%
Chi-square, X-tab ⁶ :		.116	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.537	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.672	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.831	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.5%	13.9%	16.9%	0.8%	NW	2	N/A
Hispanic	69.3%	18.4%	12.3%	0.0%	White	1	N/A
White	76.1%	11.1%	11.9%	0.9%			
Other	73.4%	17.2%	9.4%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.289	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
RAYNHAM POLICE DEPARTMENT**

Total Citations ¹ : 423	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.4%	Citations per 1000	
	Passing through:	86.6%	18 + residents:	37.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 329)				ITP Stops ³ (N = 124)			
Mean age				Mean age			
32.7				32.17			
Gender %				Gender %			
Female 24.5%				Female 31.1%			
Male 75.5%				Male 68.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.0%				Race % Mis/Unk ⁴ 5.6%			
AA/Black 24.7%				AA/Black 12.0%			
Hispanic 5.7%				Hispanic 3.4%			
White 69.0%				White 83.8%			
Other 0.6%				Other 0.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	24.7%	1.7%	23.0%	AA/Black	24.7%	14.4%	10.3%
Hispanic	5.7%	2.0%	3.7%	Hispanic	5.7%	14.5%	-8.8%
White	69.0%	93.3%	-24.3%	White	69.0%	66.4%	2.6%
Other	0.6%	3.2%	-2.6%	Other	0.6%	4.6%	-4.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	91	23.8%	36.1%	NW	17	11.4%	18.2%
White	204	76.2%	63.9%	White	93	88.6%	81.8%
Chi-square, X-tab ⁶ :		.024*	sig.	Chi-square, X-tab ⁶ :		.332	not sig.
Odds ratio Exp(B) ⁷ :		.507*	sig.	Odds ratio Exp(B) ⁷ :		.543	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	24.2%	24.2%	37.4%	14.1%	NW	7	
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 ⁶ :		.122	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
READING POLICE DEPARTMENT**

Total Citations ¹ : 734	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.0%	Citations per 1000	
	Passing through:	75.0%	18 + residents:	38.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 661)				ITP Stops ³ (N = 298)			
Mean age				Mean age			
40.52				40.86			
Gender %				Gender %			
Female		36.1%		Female		37.6%	
Male		63.9%		Male		62.4%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.4%				0.3%	
AA/Black		7.7%		AA/Black		6.1%	
Hispanic		6.1%		Hispanic		6.1%	
White		83.3%		White		85.5%	
Other		2.9%		Other		2.4%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.7%	0.4%	7.3%	AA/Black	7.7%	14.4%	-6.7%
Hispanic	6.1%	3.0%	3.1%	Hispanic	6.1%	14.5%	-8.4%
White	83.3%	91.1%	-7.8%	White	83.3%	66.4%	16.9%
Other	2.9%	5.7%	-2.8%	Other	2.9%	4.6%	-1.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	103	16.2%	18.6%	NW	39	13.9%	14.8%
White	504	83.8%	81.4%	White	234	86.1%	85.2%
Chi-square, X-tab ⁶ :		.475	not sig.	Chi-square, X-tab ⁶ :		.840	not sig.
Odds ratio Exp(B) ⁷ :		.776	not sig.	Odds ratio Exp(B) ⁷ :		1.300	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.4%	5.3%	19.3%	0.0%	NW	0	N/A
Hispanic	51.0%	6.1%	32.7%	10.2%	White	2	N/A
White	79.0%	3.2%	13.6%	4.2%			
Other	89.5%	0.0%	10.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.002	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
REHOBOTH POLICE DEPARTMENT**

Total Citations ¹ : 706	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.0%	Citations per 1000	
	Passing through:	80.0%	18 + residents:	72.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 636)				ITP Stops ³ (N = 257)			
Mean age				Mean age			
34.59				34.07			
Gender %				Gender %			
Female 34.1%				Female 32.2%			
Male 65.6%				Male 67.1%			
Non-binary 0.3%				Non-binary 0.8%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 14.5%				AA/Black 10.6%			
Hispanic 2.9%				Hispanic 3.1%			
White 81.0%				White 85.0%			
Other 1.6%				Other 1.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.5%	0.7%	13.8%	AA/Black	14.5%	14.4%	0.1%
Hispanic	2.9%	2.8%	0.1%	Hispanic	2.9%	14.5%	-11.6%
White	81.0%	92.4%	-11.4%	White	81.0%	66.4%	14.6%
Other	1.6%	4.4%	-2.8%	Other	1.6%	4.6%	-3.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	110	16.4%	24.4%	NW	34	13.5%	17.1%
White	462	83.6%	75.6%	White	197	86.5%	82.9%
Chi-square, X-tab ⁶ :		.021*	sig.	Chi-square, X-tab ⁶ :		.473	not sig.
Odds ratio Exp(B) ⁷ :		.671	not sig.	Odds ratio Exp(B) ⁷ :		.400	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	45.3%	14.7%	36.8%	3.2%	NW	0	N/A
Hispanic	21.1%	26.3%	52.6%	0.0%	White	2	N/A
White	53.8%	21.0%	22.2%	3.0%			
Other	30.0%	30.0%	40.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.007*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
REVERE POLICE DEPARTMENT**

Total Citations ¹ : 1,589	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	34.6%	Citations per 1000	
	Passing through:	65.4%	18 + residents:	37.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,422)				ITP Stops ³ (N = 593)			
Mean age				Mean age			
37.46				36.71			
Gender %				Gender %			
Female 28.3%				Female 29.2%			
Male 71.6%				Male 70.6%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 6.2%				Race % Mis/Unk ⁴ 6.2%			
AA/Black 10.3%				AA/Black 9.0%			
Hispanic 39.7%				Hispanic 44.2%			
White 44.6%				White 41.0%			
Other 5.4%				Other 5.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.3%	5.5%	4.8%	AA/Black	10.3%	14.4%	-4.1%
Hispanic	39.7%	33.6%	6.1%	Hispanic	39.7%	14.5%	25.2%
White	44.6%	53.3%	-8.7%	White	44.6%	66.4%	-21.8%
Other	5.4%	10.5%	-5.1%	Other	5.4%	4.6%	0.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	672	53.9%	60.8%	NW	301	60.7%	58.7%
White	528	46.1%	39.2%	White	200	39.3%	41.3%
Chi-square, X-tab ⁶ : .026* sig.				Chi-square, X-tab ⁶ : .675 not sig.			
Odds ratio Exp(B) ⁷ : .723* sig.				Odds ratio Exp(B) ⁷ : 1.247 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	52.8%	16.4%	26.4%	4.4%	NW	105	N/A
Hispanic	48.2%	18.4%	31.7%	1.7%	White	84	N/A
White	54.3%	21.1%	23.5%	1.1%			
Other	67.6%	23.0%	8.1%	1.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROCHESTER POLICE DEPARTMENT**

Total Citations ¹ : 439	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		15.8%	Citations per 1000			
	Passing through:		84.2%	18 + residents: 102.5			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 399)				ITP Stops³ (N = 134)			
Mean age				Mean age			
34.62				32.77			
Gender %				Gender %			
Female		30.2%		Female		24.6%	
Male		69.8%		Male		75.4%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 7.0%		Race %		Mis/Unk ⁴ 6.0%	
AA/Black		7.0%		AA/Black		8.7%	
Hispanic		3.5%		Hispanic		4.8%	
White		88.9%		White		86.5%	
Other		0.5%		Other		0.0%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.0%	0.6%	6.4%	AA/Black	7.0%	14.4%	-7.4%
Hispanic	3.5%	0.6%	2.9%	Hispanic	3.5%	14.5%	-11.0%
White	88.9%	97.4%	-8.5%	White	88.9%	66.4%	22.5%
Other	0.5%	1.1%	-0.6%	Other	0.5%	4.6%	-4.1%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	15.5%	6.3%	NW	N/A	N/A	N/A
White	296	84.5%	93.7%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .009* sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 2.457* sig.				Odds ratio Exp(B) ⁷ : N/A N/A			
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.7%	18.5%	37.0%	3.7%	NW	0	N/A
Hispanic	43.8%	12.5%	37.5%	6.3%	White	1	N/A
White	48.6%	25.0%	20.6%	5.8%			
Other	66.7%	33.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .545 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROCKLAND POLICE DEPARTMENT**

Total Citations ¹ : 715	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.9%	Citations per 1000	
	Passing through:	73.1%	18 + residents:	51

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 642)				ITP Stops ³ (N = 275)			
Mean age				Mean age			
36				34.72			
Gender %				Gender %			
Female 34.9%				Female 36.2%			
Male 65.1%				Male 63.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.1%				Race % Mis/Unk ⁴ 7.3%			
AA/Black 9.5%				AA/Black 10.6%			
Hispanic 1.1%				Hispanic 1.2%			
White 88.5%				White 87.1%			
Other 0.8%				Other 1.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.5%	3.0%	6.5%	AA/Black	9.5%	14.4%	-4.9%
Hispanic	1.1%	3.1%	-2.0%	Hispanic	1.1%	14.5%	-13.4%
White	88.5%	91.5%	-3.0%	White	88.5%	66.4%	22.1%
Other	0.8%	1.6%	-0.8%	Other	0.8%	4.6%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	63	10.8%	12.5%	NW	29	14.3%	11.0%
White	493	89.2%	87.5%	White	193	85.7%	89.0%
Chi-square, X-tab ⁶ :		.554	not sig.	Chi-square, X-tab ⁶ :		.480	not sig.
Odds ratio Exp(B) ⁷ :		.796	not sig.	Odds ratio Exp(B) ⁷ :		1.937	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	66.7%	9.5%	20.6%	3.2%	NW	1
Hispanic	14.3%	0.0%	57.1%	28.6%	White	6
White	74.0%	6.6%	15.0%	4.3%		
Other	100.0%	0.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.003*	sig.			
					Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROCKPORT POLICE DEPARTMENT**

Total Citations ¹ : 235	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		40.1%	Citations per 1000			
	Passing through:		59.9%	18 + residents: 37.8			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 223)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
48.57				N/A			
Gender %				Gender %			
Female		43.5%		Female		N/A	
Male		56.1%		Male		N/A	
Non-binary		0.4%		Non-binary		N/A	
Race %		Mis/Unk ⁴ 0.4%		Race %		Mis/Unk ⁴ N/A	
AA/Black		3.2%		AA/Black		N/A	
Hispanic		4.1%		Hispanic		N/A	
White		91.0%		White		N/A	
Other		1.8%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.2%	0.1%	N/A	AA/Black	3.2%	14.4%	-11.2%
Hispanic	4.1%	0.7%	N/A	Hispanic	4.1%	14.5%	-10.4%
White	91.0%	96.5%	N/A	White	91.0%	66.4%	24.6%
Other	1.8%	1.2%	N/A	Other	1.8%	4.6%	-2.8%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	18	7.7%	15.0%	NW	N/A	N/A	N/A
White	178	92.3%	85.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.153	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.490	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.1%	14.3%	28.6%	0.0%	NW	0	N/A
Hispanic	50.0%	25.0%	25.0%	0.0%	White	0	N/A
White	73.9%	8.1%	16.1%	1.9%			
Other	75.0%	0.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.635	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROWLEY POLICE DEPARTMENT**

Total Citations ¹ : 418	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		13.2%	Citations per 1000		
	Passing through:		86.8%	18 + residents: 82.6		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 402)				ITP Stops³ (N = 124)		
Mean age				Mean age		
38.31				39.54		
Gender %				Gender %		
Female		35.3%		Female		31.4%
Male		64.7%		Male		68.6%
Non-binary		0.0%		Non-binary		0.0%
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		1.0%				0.8%
AA/Black		1.5%		AA/Black		1.6%
Hispanic		9.3%		Hispanic		9.8%
White		88.4%		White		88.6%
Other		0.8%		Other		0.0%
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	1.5%	1.2%	0.3%	AA/Black	1.5%	14.4%
Hispanic	9.3%	0.8%	8.5%	Hispanic	9.3%	14.5%
White	88.4%	95.4%	-7.0%	White	88.4%	66.4%
Other	0.8%	2.7%	-1.9%	Other	0.8%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops²				ITP Stops³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	41	11.3%	9.6%	NW	N/A	N/A
White	339	88.7%	90.4%	White	N/A	N/A
Chi-square, X-tab ⁶ :		.639	not sig.	Chi-square, X-tab ⁶ :		N/A N/A
Odds ratio Exp(B) ⁷ :		1.285	not sig.	Odds ratio Exp(B) ⁷ :		N/A N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	14.3%	28.6%	28.6%	28.6%	NW	0
Hispanic	18.4%	13.2%	63.2%	5.3%	White	0
White	48.4%	30.1%	16.9%	4.6%		
Other	100.0%	0.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.000* sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROYALSTON POLICE DEPARTMENT**

Total Citations ¹ : 125	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		7.8%	Citations per 1000			
	Passing through:		92.2%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 102)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
32.53				N/A			
Gender %				Gender %			
Female		34.7%		Female		N/A	
Male		64.4%		Male		N/A	
Non-binary		1.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.9%				N/A	
AA/Black		7.1%		AA/Black		N/A	
Hispanic		3.1%		Hispanic		N/A	
White		89.8%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.1%	N/A	N/A	AA/Black	7.1%	14.4%	-7.3%
Hispanic	3.1%	N/A	N/A	Hispanic	3.1%	14.5%	-11.4%
White	89.8%	N/A	N/A	White	89.8%	66.4%	23.4%
Other	0.0%	N/A	N/A	Other	0.0%	4.6%	-4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.5%	37.5%	0.0%	0.0%	NW	1	N/A
Hispanic	66.7%	33.3%	0.0%	0.0%	White	6	N/A
White	45.9%	32.1%	19.3%	2.8%			
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.572 not sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
RUSSELL POLICE DEPARTMENT**

Total Citations ¹ : 1,209	ZIP Code Match Analysis			Stop Rate by City/Town Population							
	Intown motorist:		7.3%	Citations per 1000							
	Passing through:		92.7%	18 + residents:		N/A					
¹ Total citations issued by department, including multiple-citation encounters and crashes											
All Stops² (N = 1,205)				ITP Stops³ (N = 480)							
Mean age				Mean age							
45.19				42.95							
Gender %				Gender %							
Female		45.8%		Female		44.9%					
Male		54.2%		Male		55.1%					
Non-binary		0.0%		Non-binary		0.0%					
Race %		Mis/Unk ⁴ 5.8%		Race %		Mis/Unk ⁴ 5.4%					
AA/Black		1.3%		AA/Black		1.5%					
Hispanic		2.6%		Hispanic		1.3%					
White		95.5%		White		96.5%					
Other		0.5%		Other		0.7%					
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes											
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)											
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)											
Comparative Analyses											
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵							
Motorist Race		City Dem		% Dif		Motorist Race		State Avg		% Dif	
AA/Black	1.3%	N/A	N/A	AA/Black	1.3%	14.4%	-13.1%				
Hispanic	2.6%	N/A	N/A	Hispanic	2.6%	14.5%	-11.9%				
White	95.5%	N/A	N/A	White	95.5%	66.4%	29.1%				
Other	0.5%	N/A	N/A	Other	0.5%	4.6%	-4.1%				
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments											
VoD Analyses											
All Stops²				ITP Stops³							
Race		N		Daylight		Darkness					
NW	49	4.7%	3.6%	NW	N/A	N/A	N/A				
White	1,029	95.3%	96.4%	White	N/A	N/A	N/A				
Chi-square, X-tab ⁶ :		.553 not sig.		Chi-square, X-tab ⁶ :		N/A N/A					
Odds ratio Exp(B) ⁷ :		1.190 not sig.		Odds ratio Exp(B) ⁷ :		N/A N/A					
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone											
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.											
Citation Outcomes by Race⁸											
	Warning	Civil	Criminal	Arrest		Search?					
AA/Black	66.7%	13.3%	20.0%	0.0%	NW	0	N/A				
Hispanic	80.0%	13.3%	6.7%	0.0%	White	3	N/A				
White	88.0%	10.3%	1.7%	0.0%							
Other	50.0%	33.3%	16.7%	0.0%		Counts	Percent				
Chi-square, X-tab ⁶ :		.000* sig.									
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes											

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT RUTLAND POLICE DEPARTMENT

Total Citations ¹ : 943	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.5%	Citations per 1000	
	Passing through:	77.5%	18 + residents:	144.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 924)				ITP Stops ³ (N = 201)			
Mean age				Mean age			
36.86				35.2			
Gender %				Gender %			
Female 35.5%				Female 30.7%			
Male 64.4%				Male 69.3%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 6.5%				AA/Black 4.0%			
Hispanic 7.5%				Hispanic 9.0%			
White 83.6%				White 81.9%			
Other 2.4%				Other 5.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.5%	0.0%	6.5%	AA/Black	6.5%	14.4%	-7.9%
Hispanic	7.5%	3.3%	4.2%	Hispanic	7.5%	14.5%	-7.0%
White	83.6%	92.1%	-8.5%	White	83.6%	66.4%	17.2%
Other	2.4%	5.6%	-3.2%	Other	2.4%	4.6%	-2.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	147	14.6%	20.1%	NW	34	16.7%	20.0%
White	745	85.4%	79.9%	White	151	83.3%	80.0%
Chi-square, X-tab ⁶ : .038* <i>sig.</i>				Chi-square, X-tab ⁶ : .558 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .799 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .564 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	83.1%	3.4%	13.6%	0.0%	NW	0	N/A
Hispanic	68.1%	4.3%	24.6%	2.9%	White	0	N/A
White	70.8%	13.6%	12.2%	3.3%			
Other	56.5%	8.7%	21.7%	13.0%		Counts	Percent
Chi-square, X-tab ⁶ : .001* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SALEM POLICE DEPARTMENT**

Total Citations ¹ : 5,318	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	33.9%	Citations per 1000	
	Passing through:	66.1%	18 + residents:	146.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,945)				ITP Stops ³ (N = 1,815)			
Mean age				Mean age			
37.52				37.3			
Gender %				Gender %			
Female 41.3%				Female 41.3%			
Male 58.6%				Male 58.6%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 4.2%				Race % Mis/Unk ⁴ 4.0%			
AA/Black 8.1%				AA/Black 8.5%			
Hispanic 15.7%				Hispanic 14.9%			
White 74.6%				White 75.5%			
Other 1.5%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.1%	6.6%	1.5%	AA/Black	8.1%	14.4%	-6.3%
Hispanic	15.7%	17.8%	-2.1%	Hispanic	15.7%	14.5%	1.2%
White	74.6%	71.8%	2.8%	White	74.6%	66.4%	8.2%
Other	1.5%	6.9%	-5.4%	Other	1.5%	4.6%	-3.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,104	21.4%	33.6%	NW	374	21.7%	28.6%
White	3,304	78.6%	66.4%	White	1,175	78.3%	71.4%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .002* sig.			
Odds ratio Exp(B) ⁷ : .532* sig.				Odds ratio Exp(B) ⁷ : .600* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.4%	26.3%	7.1%	3.2%	NW	8	N/A
Hispanic	53.5%	36.3%	6.2%	4.0%	White	4	N/A
White	59.2%	35.4%	3.5%	2.0%			
Other	57.7%	41.0%	1.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SALISBURY POLICE DEPARTMENT**

Total Citations ¹ : 936	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.5%	Citations per 1000	
	Passing through:	77.5%	18 + residents:	144

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 895)				ITP Stops ³ (N = 463)			
Mean age				Mean age			
40.32				40.26			
Gender %				Gender %			
Female 36.8%				Female 34.0%			
Male 63.2%				Male 66.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.7%				Race % Mis/Unk ⁴ 1.9%			
AA/Black 2.3%				AA/Black 2.0%			
Hispanic 7.9%				Hispanic 8.6%			
White 88.2%				White 88.1%			
Other 1.6%				Other 1.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.3%	0.7%	1.6%	AA/Black	2.3%	14.4%	-12.1%
Hispanic	7.9%	3.6%	4.3%	Hispanic	7.9%	14.5%	-6.6%
White	88.2%	92.8%	-4.6%	White	88.2%	66.4%	21.8%
Other	1.6%	2.4%	-0.8%	Other	1.6%	4.6%	-3.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	98	10.5%	13.6%	NW	50	13.2%	10.8%
White	725	89.5%	86.4%	White	363	86.8%	89.2%
Chi-square, X-tab ⁶ :		.181	not sig.	Chi-square, X-tab ⁶ :		.445	not sig.
Odds ratio Exp(B) ⁷ :		.668	not sig.	Odds ratio Exp(B) ⁷ :		.997	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	47.6%	9.5%	33.3%	9.5%	NW	1	
Hispanic	60.6%	5.6%	25.4%	8.5%	White	12	
White	66.5%	16.6%	14.6%	2.4%			
Other	62.5%	6.3%	25.0%	6.3%	Counts	Percent	
Chi-square, X-tab ⁶ :		.001*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SANDWICH POLICE DEPARTMENT**

Total Citations ¹ : 1,090	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.3%	Citations per 1000	
	Passing through:	82.7%	18 + residents:	65.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,029)				ITP Stops ³ (N = 408)			
Mean age				Mean age			
39.81				38.78			
Gender %				Gender %			
Female 43.0%				Female 40.7%			
Male 57.0%				Male 59.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.6%				Race % Mis/Unk ⁴ 0.2%			
AA/Black 5.8%				AA/Black 5.7%			
Hispanic 1.8%				Hispanic 2.0%			
White 90.5%				White 89.9%			
Other 2.0%				Other 2.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.8%	1.0%	4.8%	AA/Black	5.8%	14.4%	-8.6%
Hispanic	1.8%	2.1%	-0.3%	Hispanic	1.8%	14.5%	-12.7%
White	90.5%	93.0%	-2.5%	White	90.5%	66.4%	24.1%
Other	2.0%	2.8%	-0.8%	Other	2.0%	4.6%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	95	7.9%	14.0%	NW	40	8.8%	13.5%
White	864	92.1%	86.0%	White	319	91.2%	86.5%
Chi-square, X-tab ⁶ : .003* sig.				Chi-square, X-tab ⁶ : .162 not sig.			
Odds ratio Exp(B) ⁷ : .499* sig.				Odds ratio Exp(B) ⁷ : .875 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	47.6%	17.5%	30.2%	4.8%	NW	0	
Hispanic	68.4%	5.3%	15.8%	10.5%	White	3	
White	66.5%	16.1%	12.0%	5.4%			
Other	85.0%	10.0%	5.0%	0.0%			
Chi-square, X-tab ⁶ : .004* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SAUGUS POLICE DEPARTMENT

Total Citations ¹ : 275	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		20.7%	Citations per 1000				
	Passing through:		79.3%	18 + residents:		11.7		
¹ Total citations issued by department, including multiple-citation encounters and crashes								
All Stops²			(N = 193)			ITP Stops³	(N = N/A)	
Mean age			35.52			Mean age		N/A
Gender %			Female 23.8%			Gender %		N/A
			Male 76.2%			Female		N/A
			Non-binary 0.0%			Male		N/A
Race % Mis/Unk ⁴			AA/Black 12.6%			Non-binary		N/A
			Hispanic 8.7%			Race % Mis/Unk ⁴		N/A
			White 77.0%			AA/Black		N/A
			Other 1.6%			Hispanic		N/A
						White		N/A
						Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	12.6%	2.1%	N/A	AA/Black	12.6%	14.4%	-1.8%	
Hispanic	8.7%	8.6%	N/A	Hispanic	8.7%	14.5%	-5.8%	
White	77.0%	83.3%	N/A	White	77.0%	66.4%	10.6%	
Other	1.6%	5.8%	N/A	Other	1.6%	4.6%	-3.0%	
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops ²				ITP Stops ³				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	38	18.1%	28.4%	NW	N/A	N/A	N/A	
White	122	81.9%	71.6%	White	N/A	N/A	N/A	
Chi-square, X-tab ⁶ :		.126	<i>not sig.</i>	Chi-square, X-tab ⁶ :		N/A	N/A	
Odds ratio Exp(B) ⁷ :		.557	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		N/A	N/A	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race⁸								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	35.7%	17.9%	46.4%	0.0%	NW	4	N/A	
Hispanic	22.2%	7.4%	63.0%	7.4%	White	11	N/A	
White	22.0%	24.0%	50.0%	4.0%				
Other	75.0%	0.0%	0.0%	25.0%		Counts	Percent	
Chi-square, X-tab ⁶ :		.023*	<i>sig.</i>					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes								

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SCITUATE POLICE DEPARTMENT**

Total Citations ¹ : 193	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		58.4%	Citations per 1000			
	Passing through:		41.6%	18 + residents:		13	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops²			(N = 161)				
Mean age			ITP Stops ³				
37.16			(N = N/A)				
Gender %			Mean age				
			N/A				
Female 35.4%			Gender %				
Male 64.6%			Female N/A				
Non-binary 0.0%			Male N/A				
Race % Mis/Unk ⁴ 12.4%			Non-binary N/A				
AA/Black 0.7%			Race % Mis/Unk ⁴ N/A				
Hispanic 2.8%			AA/Black N/A				
White 95.0%			Hispanic N/A				
Other 1.4%			White N/A				
			Other N/A				
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	0.7%	0.7%	0.0%	AA/Black	0.7%	14.4%	-13.7%
Hispanic	2.8%	1.0%	1.8%	Hispanic	2.8%	14.5%	-11.7%
White	95.0%	95.3%	-0.3%	White	95.0%	66.4%	28.6%
Other	1.4%	1.6%	-0.2%	Other	1.4%	4.6%	-3.2%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	0.0%	0.0%	50.0%	NW	0	N/A
Hispanic	20.0%	0.0%	80.0%	0.0%	White	2	N/A
White	47.2%	23.3%	15.3%	14.1%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.020* sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SEEKONK POLICE DEPARTMENT**

Total Citations ¹ : 1,612	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.7%	Citations per 1000	
	Passing through:	79.3%	18 + residents:	130.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,356)				ITP Stops ³ (N = 479)			
Mean age				Mean age			
37.32				37.18			
Gender %				Gender %			
Female 35.1%				Female 31.1%			
Male 64.9%				Male 68.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.0%				Race % Mis/Unk ⁴ 0.6%			
AA/Black 13.8%				AA/Black 11.1%			
Hispanic 6.3%				Hispanic 5.7%			
White 79.0%				White 82.1%			
Other 0.9%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.8%	1.0%	12.8%	AA/Black	13.8%	14.4%	-0.6%
Hispanic	6.3%	2.5%	3.8%	Hispanic	6.3%	14.5%	-8.2%
White	79.0%	92.3%	-13.3%	White	79.0%	66.4%	12.6%
Other	0.9%	4.6%	-3.7%	Other	0.9%	4.6%	-3.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	271	15.5%	30.7%	NW	80	15.1%	23.8%
White	984	84.5%	69.3%	White	341	84.9%	76.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .023* sig.			
Odds ratio Exp(B) ⁷ : .464* sig.				Odds ratio Exp(B) ⁷ : .609 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.7%	12.4%	15.2%	6.7%	NW	0	N/A
Hispanic	57.7%	16.3%	20.2%	5.8%	White	3	N/A
White	73.0%	17.4%	7.7%	1.9%			
Other	46.7%	40.0%	13.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHARON POLICE DEPARTMENT**

Total Citations ¹ : 1,484	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	30.3%	Citations per 1000	
	Passing through:	69.7%	18 + residents:	107.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,451)				ITP Stops ³ (N = 555)			
Mean age				Mean age			
39.76				38.04			
Gender %				Gender %			
Female 40.5%				Female 36.9%			
Male 59.4%				Male 62.9%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 1.8%				Race % Mis/Unk ⁴ 2.4%			
AA/Black 15.4%				AA/Black 14.6%			
Hispanic 5.0%				Hispanic 5.7%			
White 70.9%				White 70.9%			
Other 8.6%				Other 8.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.4%	2.6%	12.8%	AA/Black	15.4%	14.4%	1.0%
Hispanic	5.0%	5.4%	-0.4%	Hispanic	5.0%	14.5%	-9.5%
White	70.9%	73.1%	-2.2%	White	70.9%	66.4%	4.5%
Other	8.6%	18.5%	-9.9%	Other	8.6%	4.6%	4.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	393	26.2%	38.5%	NW	141	30.4%	26.2%
White	953	73.8%	61.5%	White	341	69.6%	73.8%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .363 not sig.			
Odds ratio Exp(B) ⁷ : .580* sig.				Odds ratio Exp(B) ⁷ : .859 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	86.2%	5.8%	5.8%	2.2%	NW	1	N/A
Hispanic	81.1%	8.1%	10.8%	0.0%	White	1	N/A
White	93.3%	4.4%	2.1%	0.2%			
Other	93.0%	7.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHEFFIELD POLICE DEPARTMENT**

Total Citations ¹ : 364	ZIP Code Match Analysis			Stop Rate by City/Town Population											
	Intown motorist: 15.8%			Citations per 1000											
	Passing through: 84.2%			18 + residents: N/A											
¹ Total citations issued by department, including multiple-citation encounters and crashes															
All Stops² (N = 342)				ITP Stops³ (N = 103)											
Mean age				Mean age											
43.55				39.54											
Gender %				Gender %											
Female 34.9%				Female 23.3%											
Male 65.1%				Male 76.7%											
Non-binary 0.0%				Non-binary 0.0%											
Race %		Mis/Unk ⁴ 4.4%		Race %		Mis/Unk ⁴ 3.9%									
AA/Black 4.6%				AA/Black 5.1%											
Hispanic 5.8%				Hispanic 5.1%											
White 88.1%				White 88.9%											
Other 1.5%				Other 0.7%											
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes															
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)															
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)															
Comparative Analyses															
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵											
Motorist Race		City Dem		% Dif		Motorist Race		State Avg		% Dif					
AA/Black	4.6%	N/A	N/A	AA/Black	4.6%	14.4%	-9.8%								
Hispanic	5.8%	N/A	N/A	Hispanic	5.8%	14.5%	-8.7%								
White	88.1%	N/A	N/A	White	88.1%	66.4%	21.7%								
Other	1.5%	N/A	N/A	Other	1.5%	4.6%	-3.1%								
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments															
VoD Analyses															
All Stops²				ITP Stops³											
Race		N		Daylight		Darkness		Race		N		Daylight		Darkness	
NW	35	11.8%	12.3%	NW	N/A	N/A	N/A								
White	258	88.2%	87.7%	White	N/A	N/A	N/A								
Chi-square, X-tab ⁶ :		.896 not sig.		Chi-square, X-tab ⁶ :		N/A N/A									
Odds ratio Exp(B) ⁷ :		.774 not sig.		Odds ratio Exp(B) ⁷ :		N/A N/A									
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone															
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.															
Citation Outcomes by Race⁸															
	Warning	Civil	Criminal	Arrest		Search?									
AA/Black	66.7%	13.3%	20.0%	0.0%	NW	1	N/A								
Hispanic	63.2%	15.8%	15.8%	5.3%	White	3	N/A								
White	65.2%	18.1%	15.2%	1.6%											
Other	40.0%	60.0%	0.0%	0.0%		Counts	Percent								
Chi-square, X-tab ⁶ :		.508 not sig.													
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes															

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHELBURNE POLICE DEPARTMENT**

Total Citations ¹ : 334	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		5.5%	Citations per 1000			
	Passing through:		94.5%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 311)				ITP Stops³ (N = 157)			
Mean age				Mean age			
37.95				38.92			
Gender %				Gender %			
Female		26.8%		Female		30.6%	
Male		73.2%		Male		69.4%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 4.5%		Race %		Mis/Unk ⁴ 3.2%	
AA/Black		1.7%		AA/Black		2.0%	
Hispanic		3.0%		Hispanic		2.0%	
White		93.6%		White		93.4%	
Other		1.7%		Other		2.6%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.7%	N/A	N/A	AA/Black	1.7%	14.4%	-12.7%
Hispanic	3.0%	N/A	N/A	Hispanic	3.0%	14.5%	-11.5%
White	93.6%	N/A	N/A	White	93.6%	66.4%	27.2%
Other	1.7%	N/A	N/A	Other	1.7%	4.6%	-2.9%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	4.2%	9.2%	NW	N/A	N/A	N/A
White	267	95.8%	90.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.090	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.382	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.0%	40.0%	0.0%	0.0%	NW	0	N/A
Hispanic	10.0%	40.0%	50.0%	0.0%	White	2	N/A
White	76.7%	13.3%	8.3%	1.7%			
Other	40.0%	60.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHERBORN POLICE DEPARTMENT**

Total Citations ¹ : 2,058	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	10.2%	Citations per 1000	
	Passing through:	89.8%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,010)				ITP Stops ³ (N = 625)			
Mean age				Mean age			
39.67				39.2			
Gender %				Gender %			
Female 40.6%				Female 38.2%			
Male 59.4%				Male 61.8%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.6%				Race % Mis/Unk ⁴ 0.5%			
AA/Black 8.3%				AA/Black 7.8%			
Hispanic 10.1%				Hispanic 11.9%			
White 76.8%				White 74.9%			
Other 4.8%				Other 5.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.3%	N/A	N/A	AA/Black	8.3%	14.4%	-6.1%
Hispanic	10.1%	N/A	N/A	Hispanic	10.1%	14.5%	-4.4%
White	76.8%	N/A	N/A	White	76.8%	66.4%	10.4%
Other	4.8%	N/A	N/A	Other	4.8%	4.6%	0.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	447	20.6%	28.5%	NW	137	25.3%	24.3%
White	1,488	79.4%	71.5%	White	414	74.7%	75.7%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.784	not sig.
Odds ratio Exp(B) ⁷ :		.640*	sig.	Odds ratio Exp(B) ⁷ :		.933	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.3%	17.4%	9.3%	2.9%	NW	3	N/A
Hispanic	44.2%	19.1%	34.9%	1.9%	White	1	N/A
White	81.4%	11.1%	6.9%	0.5%			
Other	83.3%	15.6%	1.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHIRLEY POLICE DEPARTMENT**

Total Citations ¹ : 433	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.9%	Citations per 1000	
	Passing through:	77.1%	18 + residents:	64.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 423)				ITP Stops ³ (N = 203)			
Mean age				Mean age			
39.16				37.3			
Gender %				Gender %			
Female 39.3%				Female 38.3%			
Male 60.7%				Male 61.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.5%				Race % Mis/Unk ⁴ 3.4%			
AA/Black 9.3%				AA/Black 8.7%			
Hispanic 12.7%				Hispanic 11.2%			
White 75.5%				White 77.0%			
Other 2.5%				Other 3.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.3%	8.5%	0.8%	AA/Black	9.3%	14.4%	-5.1%
Hispanic	12.7%	9.8%	2.9%	Hispanic	12.7%	14.5%	-1.8%
White	75.5%	74.9%	0.6%	White	75.5%	66.4%	9.1%
Other	2.5%	7.1%	-4.6%	Other	2.5%	4.6%	-2.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	90	24.6%	20.5%	NW	37	23.3%	17.5%
White	288	75.4%	79.5%	White	136	76.7%	82.5%
Chi-square, X-tab ⁶ : .466 not sig.				Chi-square, X-tab ⁶ : .387 not sig.			
Odds ratio Exp(B) ⁷ : 1.243 not sig.				Odds ratio Exp(B) ⁷ : 1.832 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.5%	20.5%	12.8%	5.1%	NW	2	N/A
Hispanic	55.8%	28.8%	13.5%	1.9%	White	4	N/A
White	70.3%	24.0%	5.0%	0.6%			
Other	70.0%	30.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .059 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHREWSBURY POLICE DEPARTMENT**

Total Citations ¹ : 1,945	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.7%	Citations per 1000	
	Passing through:	76.3%	18 + residents:	65.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,874)				ITP Stops ³ (N = 859)			
Mean age				Mean age			
35.26				35.54			
Gender %				Gender %			
Female 33.8%				Female 33.7%			
Male 66.0%				Male 66.1%			
Non-binary 0.2%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 4.7%				Race % Mis/Unk ⁴ 4.9%			
AA/Black 15.8%				AA/Black 15.2%			
Hispanic 15.7%				Hispanic 15.1%			
White 58.5%				White 59.5%			
Other 10.0%				Other 10.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.8%	3.0%	12.8%	AA/Black	15.8%	14.4%	1.4%
Hispanic	15.7%	4.8%	10.9%	Hispanic	15.7%	14.5%	1.2%
White	58.5%	69.9%	-11.4%	White	58.5%	66.4%	-7.9%
Other	10.0%	22.8%	-12.8%	Other	10.0%	4.6%	5.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	686	36.9%	45.8%	NW	298	38.6%	41.5%
White	983	63.1%	54.2%	White	449	61.4%	58.5%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.421	not sig.
Odds ratio Exp(B) ⁷ :		.695*	sig.	Odds ratio Exp(B) ⁷ :		.783	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.3%	17.2%	6.2%	1.4%	NW	9	N/A
Hispanic	73.3%	14.9%	5.7%	6.1%	White	2	N/A
White	76.3%	15.8%	4.4%	3.5%			
Other	71.3%	26.0%	1.1%	1.7%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SHUTESBURY POLICE DEPARTMENT

Total Citations ¹ : 108	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		4.7%	Citations per 1000		
	Passing through:		95.3%	18 + residents:		N/A
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops²			(N = 106)		ITP Stops³	
Mean age			30.57		(N = N/A)	
Gender %			Female 36.5%		N/A	
Male 63.5%			Non-binary 0.0%		N/A	
Race % Mis/Unk ⁴			6.6%		N/A	
AA/Black 8.1%			Hispanic 0.0%		N/A	
White 83.8%			Other 8.1%		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		% Dif
AA/Black	8.1%	N/A	N/A	AA/Black	8.1%	14.4%
Hispanic	0.0%	N/A	N/A	Hispanic	0.0%	14.5%
White	83.8%	N/A	N/A	White	83.8%	66.4%
Other	8.1%	N/A	N/A	Other	8.1%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight
NW	N/A	N/A	N/A	NW	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0
Hispanic	62.5%	37.5%	0.0%	0.0%	White	0
White	72.9%	24.7%	2.4%	0.0%		
Other	100.0%	0.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.430	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOMERSET POLICE DEPARTMENT**

Total Citations ¹ : 3,291	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	36.0%	Citations per 1000	
	Passing through:	64.0%	18 + residents:	223.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,048)				ITP Stops ³ (N = 1,225)			
Mean age				Mean age			
38.99				38.28			
Gender %				Gender %			
Female 44.2%				Female 41.4%			
Male 55.8%				Male 58.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.7%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 4.0%				AA/Black 3.8%			
Hispanic 2.7%				Hispanic 1.8%			
White 92.4%				White 92.9%			
Other 0.9%				Other 1.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.0%	0.5%	3.5%	AA/Black	4.0%	14.4%	-10.4%
Hispanic	2.7%	0.9%	1.8%	Hispanic	2.7%	14.5%	-11.8%
White	92.4%	97.5%	-5.1%	White	92.4%	66.4%	26.0%
Other	0.9%	0.8%	0.1%	Other	0.9%	4.6%	-3.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	221	6.5%	11.1%	NW	79	6.2%	9.4%
White	2,687	93.5%	88.9%	White	1,020	93.8%	90.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .056 not sig.			
Odds ratio Exp(B) ⁷ : .647* sig.				Odds ratio Exp(B) ⁷ : .646 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.2%	17.8%	12.4%	1.6%	NW	0	N/A
Hispanic	53.6%	18.6%	27.8%	0.0%	White	2	N/A
White	72.7%	21.5%	5.1%	0.7%			
Other	61.3%	29.0%	9.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOMERVILLE POLICE DEPARTMENT**

Total Citations ¹ : 8,501	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.8%	Citations per 1000	
	Passing through:	74.2%	18 + residents:	118.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 8,319)				ITP Stops ³ (N = 1,419)			
Mean age				Mean age			
40.71				38.88			
Gender %				Gender %			
Female 36.5%				Female 35.8%			
Male 63.4%				Male 64.2%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.9%				Race % Mis/Unk ⁴ 3.1%			
AA/Black 13.2%				AA/Black 14.8%			
Hispanic 8.5%				Hispanic 6.9%			
White 71.5%				White 70.3%			
Other 6.9%				Other 7.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	13.2%	6.2%	7.0%	AA/Black	13.2%	14.4% -1.2%
Hispanic	8.5%	12.4%	-3.9%	Hispanic	8.5%	14.5% -6.0%
White	71.5%	68.2%	3.3%	White	71.5%	66.4% 5.1%
Other	6.9%	14.8%	-7.9%	Other	6.9%	4.6% 2.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,017	27.6%	35.4%	NW	343	26.5%	38.4%
White	5,157	72.4%	64.6%	White	863	73.5%	61.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .001* sig.			
Odds ratio Exp(B) ⁷ : .699* sig.				Odds ratio Exp(B) ⁷ : .463* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	94.5%	3.9%	1.2%	0.4%	NW	8	N/A
Hispanic	92.9%	6.2%	0.7%	0.1%	White	20	N/A
White	94.6%	4.9%	0.4%	0.1%			
Other	94.7%	5.1%	0.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .003* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTH HADLEY POLICE DEPARTMENT**

Total Citations ¹ : 759	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.4%	Citations per 1000	
	Passing through:	70.6%	18 + residents:	50

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 703)				ITP Stops ³ (N = 256)			
Mean age				Mean age			
36.19				36.46			
Gender %				Gender %			
Female 43.7%				Female 40.6%			
Male 56.3%				Male 59.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 7.5%				AA/Black 7.9%			
Hispanic 4.9%				Hispanic 5.5%			
White 86.7%				White 85.4%			
Other 1.0%				Other 1.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.5%	1.8%	5.7%	AA/Black	7.5%	14.4%	-6.9%
Hispanic	4.9%	6.4%	-1.5%	Hispanic	4.9%	14.5%	-9.6%
White	86.7%	84.8%	1.9%	White	86.7%	66.4%	20.3%
Other	1.0%	8.2%	-7.2%	Other	1.0%	4.6%	-3.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	90	13.0%	15.3%	NW	36	16.1%	14.6%
White	572	87.0%	84.7%	White	195	83.9%	85.4%
Chi-square, X-tab ⁶ : .453 sig.				Chi-square, X-tab ⁶ : .768 not sig.			
Odds ratio Exp(B) ⁷ : .994 sig.				Odds ratio Exp(B) ⁷ : 1.448 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	64.8%	9.3%	14.8%	11.1%	NW	2	
Hispanic	46.5%	14.0%	30.2%	9.3%	White	12	
White	68.6%	12.6%	15.9%	2.9%			
Other	71.4%	0.0%	14.3%	14.3%			
Chi-square, X-tab ⁶ : .006* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHAMPTON POLICE DEPARTMENT**

Total Citations ¹ : 293	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		27.1%	Citations per 1000			
	Passing through:		72.9%	18 + residents: 57.2			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 273)				ITP Stops³ (N = 100)			
Mean age				Mean age			
34.35				31.32			
Gender %				Gender %			
Female		46.2%		Female		43.4%	
Male		53.8%		Male		56.6%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 3.3%		Race %		Mis/Unk ⁴ 3.0%	
AA/Black		1.9%		AA/Black		1.0%	
Hispanic		6.4%		Hispanic		9.4%	
White		90.5%		White		88.5%	
Other		1.1%		Other		1.0%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.9%	0.4%	1.5%	AA/Black	1.9%	14.4%	-12.5%
Hispanic	6.4%	0.0%	6.4%	Hispanic	6.4%	14.5%	-8.1%
White	90.5%	95.6%	-5.1%	White	90.5%	66.4%	24.1%
Other	1.1%	3.9%	-2.8%	Other	1.1%	4.6%	-3.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	24	7.3%	18.8%	NW	N/A	N/A	N/A
White	229	92.7%	81.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.015* sig.		Chi-square, X-tab ⁶ :		N/A N/A	
Odds ratio Exp(B) ⁷ :		.332* sig.		Odds ratio Exp(B) ⁷ :		N/A N/A	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.0%	0.0%	20.0%	0.0%	NW	0	N/A
Hispanic	70.6%	23.5%	0.0%	5.9%	White	1	N/A
White	69.9%	16.2%	11.6%	2.3%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.740 not sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 3,188	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.1%	Citations per 1000	
	Passing through:	88.9%	18 + residents:	423.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,135)				ITP Stops ³ (N = 1,409)			
Mean age				Mean age			
38.04				39.47			
Gender %				Gender %			
Female 35.1%				Female 35.7%			
Male 64.9%				Male 64.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.3%				Race % Mis/Unk ⁴ 0.2%			
AA/Black 10.6%				AA/Black 6.8%			
Hispanic 17.7%				Hispanic 18.0%			
White 60.2%				White 62.7%			
Other 11.5%				Other 12.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.6%	0.7%	9.9%	AA/Black	10.6%	14.4%	-3.8%
Hispanic	17.7%	3.9%	13.8%	Hispanic	17.7%	14.5%	3.2%
White	60.2%	79.2%	-19.0%	White	60.2%	66.4%	-6.2%
Other	11.5%	15.5%	-4.0%	Other	11.5%	4.6%	6.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,186	30.7%	53.0%	NW	466	33.5%	44.1%
White	1,802	69.3%	47.0%	White	805	66.5%	55.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .380* sig.				Odds ratio Exp(B) ⁷ : .559* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.8%	16.7%	9.0%	1.5%	NW	179	39.3%
Hispanic	73.1%	13.5%	11.9%	1.6%	White	277	60.7%
White	85.0%	10.5%	3.5%	1.1%			
Other	86.3%	9.6%	3.6%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHBRIDGE POLICE DEPARTMENT**

Total Citations ¹ : 956	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	55.0%	Citations per 1000	
	Passing through:	45.0%	18 + residents:	73.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 829)				ITP Stops ³ (N = 271)			
Mean age				Mean age			
33.74				33.35			
Gender %				Gender %			
Female 29.4%				Female 32.3%			
Male 70.3%				Male 67.7%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 6.4%				AA/Black 6.4%			
Hispanic 25.3%				Hispanic 28.2%			
White 67.9%				White 64.3%			
Other 0.4%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.4%	3.4%	3.0%	AA/Black	6.4%	14.4%	-8.0%
Hispanic	25.3%	32.9%	-7.6%	Hispanic	25.3%	14.5%	10.8%
White	67.9%	62.9%	5.0%	White	67.9%	66.4%	1.5%
Other	0.4%	4.8%	-4.4%	Other	0.4%	4.6%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	243	25.5%	40.9%	NW	90	35.5%	38.0%
White	514	74.5%	59.1%	White	156	64.5%	62.0%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.691	not sig.
Odds ratio Exp(B) ⁷ :		.545*	sig.	Odds ratio Exp(B) ⁷ :		1.556	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	37.3%	11.9%	44.1%	6.8%	NW	12	N/A
Hispanic	34.3%	15.3%	46.2%	4.2%	White	12	N/A
White	46.3%	21.7%	28.9%	3.1%			
Other	0.0%	33.3%	66.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHWICK POLICE DEPARTMENT**

Total Citations ¹ : 790	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		28.0%	Citations per 1000 18 + residents: 101.1			
	Passing through:		72.0%				
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 749)				ITP Stops³ (N = 201)			
Mean age				Mean age			
36.89				35.62			
Gender %				Gender %			
Female		35.5%		Female		35.5%	
Male		64.4%		Male		64.5%	
Non-binary		0.1%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		0.5%				1.0%	
AA/Black		3.8%		AA/Black		4.0%	
Hispanic		4.2%		Hispanic		4.0%	
White		90.7%		White		91.5%	
Other		1.3%		Other		0.5%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.8%	0.1%	3.7%	AA/Black	3.8%	14.4%	-10.6%
Hispanic	4.2%	3.5%	0.7%	Hispanic	4.2%	14.5%	-10.3%
White	90.7%	92.8%	-2.1%	White	90.7%	66.4%	24.3%
Other	1.3%	3.6%	-2.3%	Other	1.3%	4.6%	-3.3%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	10.5%	7.6%	NW	17	18.3%	4.9%
White	650	89.5%	92.4%	White	166	81.7%	95.1%
Chi-square, X-tab ⁶ :		.190	not sig.	Chi-square, X-tab ⁶ :		.003*	sig.
Odds ratio Exp(B) ⁷ :		1.449	not sig.	Odds ratio Exp(B) ⁷ :		4.878*	sig.
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	86.2%	6.9%	6.9%	0.0%	NW	0	N/A
Hispanic	55.9%	17.6%	14.7%	11.8%	White	1	N/A
White	76.8%	11.2%	9.6%	2.4%			
Other	90.0%	10.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.034*		sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SPENCER POLICE DEPARTMENT**

Total Citations ¹ : 650	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	30.1%	Citations per 1000	
	Passing through:	69.9%	18 + residents:	64.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 618)				ITP Stops ³ (N = 186)			
Mean age				Mean age			
34.88				35.17			
Gender %				Gender %			
Female 40.7%				Female 39.8%			
Male 59.3%				Male 60.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.5%				Race % Mis/Unk ⁴ 4.3%			
AA/Black 7.4%				AA/Black 7.3%			
Hispanic 9.9%				Hispanic 6.7%			
White 80.7%				White 83.1%			
Other 2.1%				Other 2.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.4%	1.0%	6.4%	AA/Black	7.4%	14.4%	-7.0%
Hispanic	9.9%	3.3%	6.6%	Hispanic	9.9%	14.5%	-4.6%
White	80.7%	90.0%	-9.3%	White	80.7%	66.4%	14.3%
Other	2.1%	5.8%	-3.7%	Other	2.1%	4.6%	-2.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	108	14.1%	27.3%	NW	26	16.2%	17.6%
White	452	85.9%	72.7%	White	130	83.8%	82.4%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .819 not sig.			
Odds ratio Exp(B) ⁷ : .448* sig.				Odds ratio Exp(B) ⁷ : .784 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.1%	18.2%	22.7%	0.0%	NW	0	N/A
Hispanic	50.0%	12.5%	32.8%	4.7%	White	1	N/A
White	66.9%	16.8%	12.0%	4.3%			
Other	58.3%	16.7%	16.7%	8.3%		Counts	Percent
Chi-square, X-tab ⁶ : .004* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SPRINGFIELD POLICE DEPARTMENT**

Total Citations ¹ : 11,666	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	68.2%	Citations per 1000	
	Passing through:	31.8%	18 + residents:	101

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 10,833)				ITP Stops ³ (N = 3,481)			
Mean age				Mean age			
36.71				36.7			
Gender %				Gender %			
Female 39.5%				Female 39.6%			
Male 60.4%				Male 60.4%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 4.4%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 27.6%				AA/Black 26.7%			
Hispanic 22.7%				Hispanic 25.2%			
White 48.3%				White 46.8%			
Other 1.4%				Other 1.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	27.6%	20.9%	6.7%	AA/Black	27.6%	14.4%	13.2%
Hispanic	22.7%	45.0%	-22.3%	Hispanic	22.7%	14.5%	8.2%
White	48.3%	31.2%	17.1%	White	48.3%	66.4%	-18.1%
Other	1.4%	7.6%	-6.2%	Other	1.4%	4.6%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,753	52.5%	53.9%	NW	1,654	53.9%	52.6%
White	4,215	47.5%	46.1%	White	1,450	46.1%	47.4%
Chi-square, X-tab ⁶ :		.184	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.480	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.927	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.899	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.0%	28.5%	11.5%	0.0%	NW	26	N/A
Hispanic	63.9%	34.1%	1.9%	0.1%	White	24	N/A
White	58.7%	30.5%	10.7%	0.0%			
Other	61.7%	35.1%	3.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STERLING POLICE DEPARTMENT**

Total Citations ¹ : 433	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.0%	Citations per 1000	
	Passing through:	75.0%	18 + residents:	69

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 405)				ITP Stops ³ (N = 196)			
Mean age				Mean age			
35.96				38.4			
Gender %				Gender %			
Female 33.7%				Female 38.4%			
Male 66.1%				Male 61.1%			
Non-binary 0.3%				Non-binary 0.5%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 2.6%			
AA/Black 4.3%				AA/Black 3.1%			
Hispanic 8.9%				Hispanic 9.4%			
White 85.5%				White 86.9%			
Other 1.3%				Other 0.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.3%	1.3%	3.0%	AA/Black	4.3%	14.4%	-10.1%
Hispanic	8.9%	5.1%	3.8%	Hispanic	8.9%	14.5%	-5.6%
White	85.5%	92.4%	-6.9%	White	85.5%	66.4%	19.1%
Other	1.3%	1.5%	-0.2%	Other	1.3%	4.6%	-3.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	56	13.5%	19.6%	NW	25	10.1%	20.9%
White	307	86.5%	80.4%	White	151	89.9%	79.1%
Chi-square, X-tab ⁶ : .137 not sig.				Chi-square, X-tab ⁶ : .046* sig.			
Odds ratio Exp(B) ⁷ : .574 not sig.				Odds ratio Exp(B) ⁷ : .279* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.6%	16.7%	27.8%	0.0%	NW	1	N/A
Hispanic	40.5%	16.2%	43.2%	0.0%	White	0	N/A
White	68.3%	15.4%	14.0%	2.2%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .002* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STOCKBRIDGE POLICE DEPARTMENT**

Total Citations ¹ : 707	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.8%	Citations per 1000	
	Passing through:	93.2%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 676)				ITP Stops ³ (N = 245)			
Mean age				Mean age			
45.73				42.15			
Gender %				Gender %			
Female 44.7%				Female 38.4%			
Male 55.1%				Male 61.2%			
Non-binary 0.1%				Non-binary 0.4%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 4.3%				AA/Black 5.8%			
Hispanic 1.6%				Hispanic 2.9%			
White 92.8%				White 90.5%			
Other 1.2%				Other 0.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.3%	N/A	N/A	AA/Black	4.3%	14.4%	-10.1%
Hispanic	1.6%	N/A	N/A	Hispanic	1.6%	14.5%	-12.9%
White	92.8%	N/A	N/A	White	92.8%	66.4%	26.4%
Other	1.2%	N/A	N/A	Other	1.2%	4.6%	-3.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	5.5%	12.2%	NW	19	6.5%	16.7%
White	576	94.5%	87.8%	White	190	93.5%	83.3%
Chi-square, X-tab ⁶ :		.008*	sig.	Chi-square, X-tab ⁶ :		.025*	sig.
Odds ratio Exp(B) ⁷ :		.526	not sig.	Odds ratio Exp(B) ⁷ :		.877	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.6%	30.3%	9.1%	3.0%	NW	6	N/A
Hispanic	58.8%	0.0%	35.3%	5.9%	White	2	N/A
White	87.2%	8.3%	4.2%	0.3%			
Other	75.0%	0.0%	12.5%	12.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STONEHAM POLICE DEPARTMENT**

Total Citations ¹ : 414	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		29.5%	Citations per 1000			
	Passing through:		70.5%	18 + residents: 20.7			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 397)				ITP Stops³ (N = 127)			
Mean age				Mean age			
41.64				41.98			
Gender %				Gender %			
Female		34.3%		Female		27.0%	
Male		65.7%		Male		73.0%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 5.5%		Race %		Mis/Unk ⁴ 2.4%	
AA/Black		6.9%		AA/Black		4.0%	
Hispanic		2.4%		Hispanic		0.8%	
White		88.0%		White		90.3%	
Other		2.7%		Other		4.8%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.9%	3.0%	3.9%	AA/Black	6.9%	14.4%	-7.5%
Hispanic	2.4%	3.3%	-0.9%	Hispanic	2.4%	14.5%	-12.1%
White	88.0%	87.7%	0.3%	White	88.0%	66.4%	21.6%
Other	2.7%	5.6%	-2.9%	Other	2.7%	4.6%	-1.9%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	41	11.5%	13.8%	NW	N/A	N/A	N/A
White	298	88.5%	86.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.573	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.792	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.6%	0.0%	17.9%	3.6%	NW	1	N/A
Hispanic	54.4%	0.0%	45.5%	0.0%	White	2	N/A
White	83.1%	4.5%	11.3%	1.2%			
Other	91.7%	0.0%	8.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.075	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STOUGHTON POLICE DEPARTMENT**

Total Citations ¹ : 1,572	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.6%	Citations per 1000	
	Passing through:	71.4%	18 + residents:	67.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,384)				ITP Stops ³ (N = 315)			
Mean age				Mean age			
39.6				39.73			
Gender %				Gender %			
Female 37.7%				Female 37.4%			
Male 62.1%				Male 62.6%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.9%				Race % Mis/Unk ⁴ 7.0%			
AA/Black 37.2%				AA/Black 36.5%			
Hispanic 4.8%				Hispanic 4.4%			
White 54.8%				White 54.9%			
Other 3.2%				Other 4.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	37.2%	15.0%	22.2%	AA/Black	37.2%	14.4%	22.8%
Hispanic	4.8%	3.8%	1.0%	Hispanic	4.8%	14.5%	-9.7%
White	54.8%	71.5%	-16.7%	White	54.8%	66.4%	-11.6%
Other	3.2%	8.9%	-5.7%	Other	3.2%	4.6%	-1.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	549	44.1%	49.6%	NW	115	44.3%	46.3%
White	665	55.9%	50.4%	White	141	55.7%	53.8%
Chi-square, X-tab ⁶ : .121 not sig.				Chi-square, X-tab ⁶ : .773 not sig.			
Odds ratio Exp(B) ⁷ : .813 not sig.				Odds ratio Exp(B) ⁷ : .847 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	62.7%	16.5%	19.5%	1.3%	NW	2	
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 ⁶ : .009* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT STOW POLICE DEPARTMENT

Total Citations ¹ : 435	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.0%	Citations per 1000	
	Passing through:	78.0%	18 + residents:	81.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 422)				ITP Stops ³ (N = 212)			
Mean age				Mean age			
40.26				41.59			
Gender %				Gender %			
Female 33.8%				Female 31.3%			
Male 66.2%				Male 68.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		2.4%				1.4%	
AA/Black		2.7%		AA/Black		1.0%	
Hispanic		4.9%		Hispanic		6.2%	
White		88.3%		White		91.9%	
Other		4.1%		Other		1.0%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.7%	0.0%	2.7%	AA/Black	2.7%	14.4%	-11.7%
Hispanic	4.9%	2.9%	2.0%	Hispanic	4.9%	14.5%	-9.6%
White	88.3%	88.4%	-0.1%	White	88.3%	66.4%	21.9%
Other	4.1%	5.7%	-1.6%	Other	4.1%	4.6%	-0.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	46	11.9%	11.2%	NW	15	5.7%	10.2%
White	349	88.1%	88.8%	White	178	94.3%	89.8%
Chi-square, X-tab ⁶ :		.829	not sig.	Chi-square, X-tab ⁶ :		.243	not sig.
Odds ratio Exp(B) ⁷ :		.958	not sig.	Odds ratio Exp(B) ⁷ :		.695	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	90.9%	9.1%	0.0%	0.0%	NW	0	N/A
Hispanic	59.1%	9.1%	27.3%	4.5%	White	0	N/A
White	86.9%	5.3%	7.0%	0.8%			
Other	76.5%	11.8%	11.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.024* sig.					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STURBRIDGE POLICE DEPARTMENT**

Total Citations ¹ : 3,350	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.9%	Citations per 1000	
	Passing through:	86.1%	18 + residents:	466.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,238)				ITP Stops ³ (N = 1,076)			
Mean age				Mean age			
36.78				37.17			
Gender %				Gender %			
Female 38.2%				Female 39.4%			
Male 61.7%				Male 60.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.9%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 7.6%				AA/Black 6.2%			
Hispanic 12.4%				Hispanic 13.3%			
White 77.4%				White 78.8%			
Other 2.6%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.6%	0.8%	6.8%	AA/Black	7.6%	14.4%	-6.8%
Hispanic	12.4%	3.0%	9.4%	Hispanic	12.4%	14.5%	-2.1%
White	77.4%	92.2%	-14.8%	White	77.4%	66.4%	11.0%
Other	2.6%	3.4%	-0.8%	Other	2.6%	4.6%	-2.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	684	17.9%	30.8%	NW	200	20.9%	21.9%
White	2,316	82.1%	69.2%	White	738	79.1%	78.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .704 not sig.			
Odds ratio Exp(B) ⁷ : .516* sig.				Odds ratio Exp(B) ⁷ : 1.110 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.5%	13.8%	20.9%	2.8%	NW	7	N/A
Hispanic	63.0%	10.3%	24.5%	2.2%	White	14	N/A
White	82.0%	9.2%	7.3%	1.5%			
Other	65.1%	27.7%	7.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SUDBURY POLICE DEPARTMENT**

Total Citations ¹ : 1,507	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.6%	Citations per 1000	
	Passing through:	70.4%	18 + residents:	106.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,473)				ITP Stops ³ (N = 677)			
Mean age				Mean age			
39.91				41.63			
Gender %				Gender %			
Female 38.5%				Female 35.3%			
Male 61.5%				Male 64.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 8.9%				AA/Black 8.1%			
Hispanic 12.3%				Hispanic 11.2%			
White 72.9%				White 74.1%			
Other 5.9%				Other 6.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.9%	1.8%	7.1%	AA/Black	8.9%	14.4%	-5.5%
Hispanic	12.3%	2.5%	9.8%	Hispanic	12.3%	14.5%	-2.2%
White	72.9%	82.5%	-9.6%	White	72.9%	66.4%	6.5%
Other	5.9%	13.3%	-7.4%	Other	5.9%	4.6%	1.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	360	22.4%	32.7%	NW	149	20.5%	30.4%
White	998	77.6%	67.3%	White	450	79.5%	69.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .005* sig.			
Odds ratio Exp(B) ⁷ : .578* sig.				Odds ratio Exp(B) ⁷ : .514* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.6%	13.3%	9.6%	1.5%	NW	0	N/A
Hispanic	66.5%	10.3%	21.1%	2.2%	White	0	N/A
White	87.2%	9.0%	3.2%	0.6%			
Other	91.9%	5.8%	2.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SUNDERLAND POLICE DEPARTMENT**

Total Citations ¹ : 439	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 12.2%			Citations per 1000			
	Passing through: 87.8%			18 + residents: N/A			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 419)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
38.06				N/A			
Gender %				Gender %			
Female 51.8%				Female N/A			
Male 48.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ N/A			
AA/Black 5.3%				AA/Black N/A			
Hispanic 1.2%				Hispanic N/A			
White 90.8%				White N/A			
Other 2.7%				Other N/A			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.3%	N/A	N/A	AA/Black	5.3%	14.4%	-9.1%
Hispanic	1.2%	N/A	N/A	Hispanic	1.2%	14.5%	-13.3%
White	90.8%	N/A	N/A	White	90.8%	66.4%	24.4%
Other	2.7%	N/A	N/A	Other	2.7%	4.6%	-1.9%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	9.1%	9.8%	NW	N/A	N/A	N/A
White	344	90.9%	90.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.835	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.829	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.0%	4.0%	12.0%	12.0%	NW	4	N/A
Hispanic	16.7%	33.3%	50.0%	0.0%	White	9	N/A
White	71.7%	10.0%	17.0%	1.3%			
Other	72.7%	18.2%	9.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.002*	sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SUTTON POLICE DEPARTMENT**

Total Citations ¹ : 909	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	7.2%	Citations per 1000	
	Passing through:	92.8%	18 + residents:	124.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 859)				ITP Stops ³ (N = 287)			
Mean age				Mean age			
34.18				34.55			
Gender %				Gender %			
Female 29.6%				Female 26.2%			
Male 70.4%				Male 73.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 9.6%				AA/Black 8.5%			
Hispanic 12.0%				Hispanic 10.6%			
White 77.1%				White 80.3%			
Other 1.3%				Other 0.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.6%	2.2%	7.4%	AA/Black	9.6%	14.4%	-4.8%
Hispanic	12.0%	1.6%	10.4%	Hispanic	12.0%	14.5%	-2.5%
White	77.1%	92.3%	-15.2%	White	77.1%	66.4%	10.7%
Other	1.3%	3.8%	-2.5%	Other	1.3%	4.6%	-3.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	173	20.5%	26.5%	NW	43	15.6%	20.2%
White	599	79.5%	73.5%	White	206	84.4%	79.8%
Chi-square, X-tab ⁶ : .061 not sig.				Chi-square, X-tab ⁶ : .357 not sig.			
Odds ratio Exp(B) ⁷ : .700 not sig.				Odds ratio Exp(B) ⁷ : .694 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	32.2%	25.3%	36.8%	5.7%	NW	0	
Hispanic	33.0%	16.0%	41.5%	9.4%	White	4	
White	47.6%	22.1%	23.1%	7.2%			
Other	36.4%	18.2%	45.5%	0.0%			
Chi-square, X-tab ⁶ : .001* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SWAMPSCOTT POLICE DEPARTMENT

Total Citations ¹ : 1,444	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.7%	Citations per 1000	
	Passing through:	80.3%	18 + residents:	121.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,415)				ITP Stops ³ (N = 418)			
Mean age				Mean age			
39.22				40.05			
Gender %				Gender %			
Female 41.4%				Female 43.3%			
Male 58.6%				Male 56.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 14.2%				AA/Black 12.8%			
Hispanic 21.1%				Hispanic 18.8%			
White 61.0%				White 66.0%			
Other 3.7%				Other 2.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.2%	1.5%	12.7%	AA/Black	14.2%	14.4%	-0.2%
Hispanic	21.1%	2.5%	18.6%	Hispanic	21.1%	14.5%	6.6%
White	61.0%	91.7%	-30.7%	White	61.0%	66.4%	-5.4%
Other	3.7%	4.3%	-0.6%	Other	3.7%	4.6%	-0.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	521	26.7%	51.1%	NW	118	29.0%	37.3%
White	818	73.3%	48.9%	White	243	71.0%	62.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .096 not sig.			
Odds ratio Exp(B) ⁷ : .326* sig.				Odds ratio Exp(B) ⁷ : .525* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	84.9%	6.5%	7.5%	1.0%	NW	0	N/A
Hispanic	69.7%	10.5%	15.6%	4.1%	White	0	N/A
White	84.7%	8.9%	5.6%	0.8%			
Other	90.4%	7.7%	1.9%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SWANSEA POLICE DEPARTMENT**

Total Citations ¹ : 1,848	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.5%	Citations per 1000	
	Passing through:	71.5%	18 + residents:	133.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,628)				ITP Stops ³ (N = 702)			
Mean age				Mean age			
38.22				37.51			
Gender %				Gender %			
Female 39.9%				Female 37.3%			
Male 60.1%				Male 62.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.6%				Race % Mis/Unk ⁴ 0.6%			
AA/Black 4.7%				AA/Black 4.2%			
Hispanic 2.2%				Hispanic 1.9%			
White 92.1%				White 92.8%			
Other 1.1%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.7%	0.2%	4.5%	AA/Black	4.7%	14.4%	-9.7%
Hispanic	2.2%	0.5%	1.7%	Hispanic	2.2%	14.5%	-12.3%
White	92.1%	96.4%	-4.3%	White	92.1%	66.4%	25.7%
Other	1.1%	2.8%	-1.7%	Other	1.1%	4.6%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	123	6.2%	11.5%	NW	46	6.9%	7.7%
White	1,429	93.8%	88.5%	White	599	93.1%	92.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .710 not sig.			
Odds ratio Exp(B) ⁷ : .481* sig.				Odds ratio Exp(B) ⁷ : .590 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.5%	3.4%	22.7%	3.4%	NW	0	N/A
Hispanic	57.1%	9.5%	33.3%	0.0%	White	1	N/A
White	87.5%	5.2%	6.1%	1.2%			
Other	91.3%	4.3%	4.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TAUNTON POLICE DEPARTMENT**

Total Citations ¹ : 679	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	46.5%	Citations per 1000	
	Passing through:	53.5%	18 + residents:	15.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 531)				ITP Stops ³ (N = 132)			
Mean age				Mean age			
35.54				36.5			
Gender %				Gender %			
Female 35.6%				Female 33.6%			
Male 64.2%				Male 66.4%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 4.5%			
AA/Black 20.2%				AA/Black 20.6%			
Hispanic 1.0%				Hispanic 1.6%			
White 78.8%				White 77.8%			
Other 0.0%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	20.2%	8.8%	11.4%	AA/Black	20.2%	14.4%	5.8%
Hispanic	1.0%	9.0%	-8.0%	Hispanic	1.0%	14.5%	-13.5%
White	78.8%	75.0%	3.8%	White	78.8%	66.4%	12.4%
Other	0.0%	5.9%	-5.9%	Other	0.0%	4.6%	-4.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	99	20.6%	23.6%	NW	27	26.2%	20.0%
White	352	79.4%	76.4%	White	88	73.8%	80.0%
Chi-square, X-tab ⁶ : .447 not sig.				Chi-square, X-tab ⁶ : .440 not sig.			
Odds ratio Exp(B) ⁷ : .793 not sig.				Odds ratio Exp(B) ⁷ : 2.375 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	46.5%	12.4%	37.2%	3.9%	NW	5	N/A
Hispanic	0.0%	27.3%	72.7%	0.0%	White	14	N/A
White	50.1%	13.6%	29.9%	6.5%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .010* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TEMPLETON POLICE DEPARTMENT

Total Citations ¹ : 567	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		10.8%	Citations per 1000		
	Passing through:		89.2%	18 + residents:		87
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 535)			ITP Stops³ (N = 220)			
Mean age			Mean age			
35.17			36.69			
Gender %			Gender %			
Female 39.9%			Female 37.4%			
Male 60.1%			Male 62.6%			
Non-binary 0.0%			Non-binary 0.0%			
Race %		Mis/Unk ⁴	Race %		Mis/Unk ⁴	
AA/Black		2.9%	AA/Black		1.9%	
Hispanic		2.5%	Hispanic		3.3%	
White		94.3%	White		94.4%	
Other		0.4%	Other		0.5%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	2.9%	0.0%	2.9%	AA/Black	2.9%	14.4% -11.5%
Hispanic	2.5%	2.9%	-0.4%	Hispanic	2.5%	14.5% -12.0%
White	94.3%	94.6%	-0.3%	White	94.3%	66.4% 27.9%
Other	0.4%	2.5%	-2.1%	Other	0.4%	4.6% -4.2%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	30	5.7%	7.5%	NW	N/A	N/A N/A
White	461	94.3%	92.5%	White	N/A	N/A N/A
Chi-square, X-tab ⁶ :		.465	not sig.	Chi-square, X-tab ⁶ :		N/A N/A
Odds ratio Exp(B) ⁷ :		.642	not sig.	Odds ratio Exp(B) ⁷ :		N/A N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search? Counts Percent
AA/Black	50.0%	18.8%	31.3%	0.0%	NW	0 N/A
Hispanic	33.3%	26.7%	40.0%	0.0%	White	6 N/A
White	67.3%	16.5%	13.1%	3.1%		
Other	50.0%	50.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.042*	sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TEWKSBURY POLICE DEPARTMENT**

Total Citations ¹ : 4,373	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.3%	Citations per 1000	
	Passing through:	71.7%	18 + residents:	174

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,218)				ITP Stops ³ (N = 1,120)			
Mean age				Mean age			
39.08				40.16			
Gender %				Gender %			
Female 40.5%				Female 35.9%			
Male 59.4%				Male 64.0%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 8.5%				AA/Black 8.1%			
Hispanic 11.4%				Hispanic 9.8%			
White 75.3%				White 77.0%			
Other 4.9%				Other 5.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.5%	2.4%	6.1%	AA/Black	8.5%	14.4%	-5.9%
Hispanic	11.4%	2.2%	9.2%	Hispanic	11.4%	14.5%	-3.1%
White	75.3%	90.1%	-14.8%	White	75.3%	66.4%	8.9%
Other	4.9%	5.2%	-0.3%	Other	4.9%	4.6%	0.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	966	21.4%	33.4%	NW	218	22.0%	22.4%
White	2,980	78.6%	66.6%	White	765	78.0%	77.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .881 not sig.			
Odds ratio Exp(B) ⁷ : .536* sig.				Odds ratio Exp(B) ⁷ : .920 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	88.4%	3.6%	6.3%	1.7%	NW	2	N/A
Hispanic	79.5%	7.1%	9.7%	3.7%	White	8	N/A
White	87.9%	6.2%	3.3%	2.6%			
Other	91.4%	4.8%	3.3%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TISBURY POLICE DEPARTMENT**

Total Citations ¹ : 233	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		44.7%	Citations per 1000			
	Passing through:		55.3%	18 + residents: N/A			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops²			(N = 197)				
Mean age			Mean age				
38.65			N/A				
Gender %			Gender %				
Female 34.9%			Female N/A				
Male 65.1%			Male N/A				
Non-binary 0.0%			Non-binary N/A				
Race % Mis/Unk ⁴ 2.5%			Race % Mis/Unk ⁴ N/A				
AA/Black 6.3%			AA/Black N/A				
Hispanic 0.5%			Hispanic N/A				
White 91.7%			White N/A				
Other 1.6%			Other N/A				
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.3%	N/A	N/A	AA/Black	6.3%	14.4%	-8.1%
Hispanic	0.5%	N/A	N/A	Hispanic	0.5%	14.5%	-14.0%
White	91.7%	N/A	N/A	White	91.7%	66.4%	25.3%
Other	1.6%	N/A	N/A	Other	1.6%	4.6%	-3.0%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	9.7%	7.8%	NW	N/A	N/A	N/A
White	161	90.3%	92.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :			.668	not sig.		Chi-square, X-tab ⁶ :	
Odds ratio Exp(B) ⁷ :			1.530	not sig.		Odds ratio Exp(B) ⁷ :	
				N/A		N/A	
				N/A		N/A	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	28.6%	14.3%	50.0%	7.1%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	1	N/A
White	35.7%	14.5%	37.7%	12.1%			
Other	66.7%	0.0%	0.0%	33.3%		Counts	Percent
Chi-square, X-tab ⁶ :			.526	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TOLLAND POLICE DEPARTMENT**

Total Citations ¹ : 163	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		3.7%	Citations per 1000 18 + residents: N/A					
	Passing through:		96.3%						
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops² (N = 161)				ITP Stops³ (N = N/A)					
Mean age				Mean age					
40.84				N/A					
Gender %				Gender %					
Female		19.7%		Female		N/A			
Male		79.6%		Male		N/A			
Non-binary		0.6%		Non-binary		N/A			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴			
		4.3%				N/A			
AA/Black		5.2%		AA/Black		N/A			
Hispanic		6.5%		Hispanic		N/A			
White		86.4%		White		N/A			
Other		1.9%		Other		N/A			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		5.2%	N/A	#VALUE!	AA/Black		5.2%	14.4%	-9.2%
Hispanic		6.5%	N/A	#VALUE!	Hispanic		6.5%	14.5%	-8.0%
White		86.4%	N/A	#VALUE!	White		86.4%	66.4%	20.0%
Other		1.9%	N/A	#VALUE!	Other		1.9%	4.6%	-2.7%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
VoD Analyses									
All Stops²				ITP Stops³					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		N/A	N/A	N/A	NW		N/A	N/A	N/A
White		N/A	N/A	N/A	White		N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race⁸									
		Warning	Civil	Criminal	Arrest	NW	Search?		
AA/Black		25.0%	12.5%	62.5%	0.0%	White	0	N/A	
Hispanic		20.0%	50.0%	30.0%	0.0%		3	N/A	
White		43.7%	44.4%	10.4%	1.5%				
Other		33.3%	66.7%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab ⁶ :		.012*	sig.						
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TOPSFIELD POLICE DEPARTMENT**

Total Citations ¹ : 648	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	132.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 632)				ITP Stops ³ (N = 312)			
Mean age				Mean age			
40.27				41.36			
Gender %				Gender %			
Female 34.6%				Female 36.3%			
Male 65.2%				Male 63.4%			
Non-binary 0.2%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 1.9%			
AA/Black 4.3%				AA/Black 3.3%			
Hispanic 10.6%				Hispanic 11.4%			
White 83.5%				White 84.0%			
Other 1.6%				Other 1.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.3%	0.1%	4.2%	AA/Black	4.3%	14.4%	-10.1%
Hispanic	10.6%	1.7%	8.9%	Hispanic	10.6%	14.5%	-3.9%
White	83.5%	94.8%	-11.3%	White	83.5%	66.4%	17.1%
Other	1.6%	3.4%	-1.8%	Other	1.6%	4.6%	-3.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	93	13.8%	19.9%	NW	41	14.9%	15.1%
White	495	86.2%	80.1%	White	233	85.1%	84.9%
Chi-square, X-tab ⁶ :		.055	not sig.	Chi-square, X-tab ⁶ :		.960	not sig.
Odds ratio Exp(B) ⁷ :		.457*	sig.	Odds ratio Exp(B) ⁷ :		.278	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.1%	0.0%	22.2%	3.7%	NW	0	N/A
Hispanic	43.7%	8.5%	35.2%	12.7%	White	0	N/A
White	79.1%	8.8%	7.9%	4.1%			
Other	90.0%	10.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TOWNSEND POLICE DEPARTMENT

Total Citations ¹ : 267	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		25.2%	Citations per 1000 18 + residents: 35.6		
	Passing through:		74.8%			
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 242)			ITP Stops³ (N = 119)			
Mean age			Mean age			
36			35.18			
Gender %			Gender %			
Female		35.5%	Female		31.1%	
Male		64.5%	Male		68.9%	
Non-binary		0.0%	Non-binary		0.0%	
Race %		Mis/Unk⁴ 1.7%	Race %		Mis/Unk⁴ 1.7%	
AA/Black		3.8%	AA/Black		4.3%	
Hispanic		5.5%	Hispanic		3.4%	
White		90.3%	White		92.3%	
Other		0.4%	Other		0.0%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	3.8%	0.9%	2.9%	AA/Black	3.8%	14.4%
Hispanic	5.5%	3.2%	2.3%	Hispanic	5.5%	14.5%
White	90.3%	94.4%	-4.1%	White	90.3%	66.4%
Other	0.4%	1.6%	-1.2%	Other	0.4%	4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	21	9.4%	10.0%	NW	N/A	N/A
White	197	90.6%	90.0%	White	N/A	N/A
Chi-square, X-tab ⁶ :		.889	not sig.	Chi-square, X-tab ⁶ :		N/A
Odds ratio Exp(B) ⁷ :		1.214	not sig.	Odds ratio Exp(B) ⁷ :		N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	30.0%	40.0%	30.0%	0.0%	NW	1
Hispanic	33.3%	40.0%	26.7%	0.0%	White	0
White	52.3%	29.5%	10.1%	8.0%		
Other	100.0%	0.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.222	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TRURO POLICE DEPARTMENT

Total Citations ¹ : 196	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		5.6%	Citations per 1000 18 + residents:		
	Passing through:		94.4%	N/A		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 177)			ITP Stops³ (N = N/A)			
Mean age			Mean age			
40.8			N/A			
Gender %			Gender %			
Female 29.4%			Female N/A			
Male 70.6%			Male N/A			
Non-binary 0.0%			Non-binary N/A			
Race % Mis/Unk ⁴ 2.3%			Race % Mis/Unk ⁴ N/A			
AA/Black 8.7%			AA/Black N/A			
Hispanic 3.5%			Hispanic N/A			
White 84.4%			White N/A			
Other 3.5%			Other N/A			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	8.7%	N/A	N/A	AA/Black	8.7%	14.4% -5.7%
Hispanic	3.5%	N/A	N/A	Hispanic	3.5%	14.5% -11.0%
White	84.4%	N/A	N/A	White	84.4%	66.4% 18.0%
Other	3.5%	N/A	N/A	Other	3.5%	4.6% -1.1%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	26	17.2%	15.0%	NW	N/A	N/A N/A
White	130	82.8%	85.0%	White	N/A	N/A N/A
Chi-square, X-tab ⁶ : .743 not sig.			Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 1.126 not sig.			Odds ratio Exp(B) ⁷ : N/A N/A			
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	29.4%	41.2%	29.4%	0.0%	NW	0 N/A
Hispanic	25.0%	25.0%	50.0%	0.0%	White	1 N/A
White	42.5%	23.8%	26.9%	6.9%		
Other	0.0%	100.0%	0.0%	0.0%		Counts Percent
Chi-square, X-tab ⁶ : .008* sig.						
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TYNGSBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 310	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.8%	Citations per 1000	
	Passing through:	82.2%	18 + residents:	30.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 286)				ITP Stops ³ (N = 116)			
Mean age				Mean age			
34.38				35.22			
Gender %				Gender %			
Female		33.2%		Female		37.9%	
Male		66.8%		Male		62.1%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 3.8%		Race %		Mis/Unk ⁴ 3.4%	
AA/Black		8.0%		AA/Black		7.1%	
Hispanic		9.8%		Hispanic		10.7%	
White		74.2%		White		73.2%	
Other		8.0%		Other		8.9%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	8.0%	0.9%	7.1%	AA/Black	8.0%	14.4% -6.4%
Hispanic	9.8%	4.5%	5.3%	Hispanic	9.8%	14.5% -4.7%
White	74.2%	83.6%	-9.4%	White	74.2%	66.4% 7.8%
Other	8.0%	10.9%	-2.9%	Other	8.0%	4.6% 3.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	65	23.8%	27.2%	NW	27	31.1%	18.6%
White	190	76.2%	72.8%	White	77	68.9%	81.4%
Chi-square, X-tab ⁶ :		.539	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.151	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.879	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		2.839	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.0%	18.5%	11.1%	7.4%	NW	2	N/A
Hispanic	53.6%	32.1%	3.6%	10.7%	White	0	N/A
White	72.5%	12.8%	10.6%	4.1%			
Other	79.2%	12.5%	4.2%	4.2%		Counts	Percent
Chi-square, X-tab ⁶ :		.175	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
UPTON POLICE DEPARTMENT**

Total Citations ¹ : 1,348	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.2%	Citations per 1000	
	Passing through:	88.8%	18 + residents:	222.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,291)				ITP Stops ³ (N = 580)			
Mean age				Mean age			
36.98				36.98			
Gender %				Gender %			
Female 33.8%				Female 32.7%			
Male 66.2%				Male 67.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.7%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 6.1%				AA/Black 4.7%			
Hispanic 14.3%				Hispanic 13.7%			
White 73.4%				White 76.7%			
Other 6.2%				Other 4.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.1%	7.6%	-1.5%	AA/Black	6.1%	14.4%	-8.3%
Hispanic	14.3%	3.6%	10.7%	Hispanic	14.3%	14.5%	-0.2%
White	73.4%	80.2%	-6.8%	White	73.4%	66.4%	7.0%
Other	6.2%	9.4%	-3.2%	Other	6.2%	4.6%	1.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	330	25.8%	28.1%	NW	124	26.2%	22.3%
White	889	74.2%	71.9%	White	393	73.8%	77.7%
Chi-square, X-tab ⁶ :		.369	not sig.	Chi-square, X-tab ⁶ :		.296	not sig.
Odds ratio Exp(B) ⁷ :		.876	not sig.	Odds ratio Exp(B) ⁷ :		1.162	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	67.5%	16.9%	13.3%	2.4%	NW	1
Hispanic	45.2%	15.6%	37.6%	1.6%	White	1
White	73.5%	17.1%	7.0%	2.4%		
Other	74.1%	21.0%	4.9%	0.0%		
Chi-square, X-tab ⁶ :		.000*	sig.			
					Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT UXBRIDGE POLICE DEPARTMENT

Total Citations ¹ : 455	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.1%	Citations per 1000	
	Passing through:	70.9%	18 + residents:	40.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 402)				ITP Stops ³ (N = 162)			
Mean age				Mean age			
37.06				36.37			
Gender %				Gender %			
Female 37.3%				Female 31.7%			
Male 62.7%				Male 68.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		2.5%				1.9%	
AA/Black		8.9%		AA/Black		6.9%	
Hispanic		4.8%		Hispanic		5.0%	
White		84.7%		White		87.4%	
Other		1.5%		Other		0.6%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.9%	1.9%	7.0%	AA/Black	8.9%	14.4%	-5.5%
Hispanic	4.8%	1.7%	3.1%	Hispanic	4.8%	14.5%	-9.7%
White	84.7%	94.9%	-10.2%	White	84.7%	66.4%	18.3%
Other	1.5%	1.4%	0.1%	Other	1.5%	4.6%	-3.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	59	14.8%	18.3%	NW	20	20.3%	9.3%
White	309	85.2%	81.7%	White	119	79.7%	90.7%
Chi-square, X-tab ⁶ :		.374	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.066	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.753	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		2.867	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	31.7%	14.6%	48.8%	4.9%	NW	2	N/A
Hispanic	26.1%	8.7%	52.2%	13.0%	White	2	N/A
White	60.7%	12.0%	21.9%	5.3%			
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000* <i>sig.</i>					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WAKEFIELD POLICE DEPARTMENT**

Total Citations ¹ : 1,140	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.1%	Citations per 1000	
	Passing through:	64.9%	18 + residents:	52.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,018)				ITP Stops ³ (N = 606)			
Mean age				Mean age			
39.91				39.83			
Gender %				Gender %			
Female 39.0%				Female 39.4%			
Male 61.0%				Male 60.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 4.7%				AA/Black 4.2%			
Hispanic 3.3%				Hispanic 3.2%			
White 90.0%				White 90.5%			
Other 2.0%				Other 2.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.7%	1.8%	2.9%	AA/Black	4.7%	14.4%	-9.7%
Hispanic	3.3%	3.5%	-0.2%	Hispanic	3.3%	14.5%	-11.2%
White	90.0%	91.0%	-1.0%	White	90.0%	66.4%	23.6%
Other	2.0%	3.8%	-1.8%	Other	2.0%	4.6%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	95	9.2%	11.8%	NW	53	9.5%	10.3%
White	844	90.8%	88.2%	White	490	90.5%	89.7%
Chi-square, X-tab ⁶ :		.203	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.776	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.641	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.590	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	90.2%	3.9%	5.9%	0.0%	NW	0	N/A
Hispanic	68.4%	5.3%	21.1%	5.3%	White	0	N/A
White	88.7%	6.0%	2.9%	2.5%			
Other	90.5%	4.8%	4.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WALPOLE POLICE DEPARTMENT**

Total Citations ¹ : 2,689	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.8%	Citations per 1000	
	Passing through:	74.2%	18 + residents:	143.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,645)				ITP Stops ³ (N = 859)			
Mean age				Mean age			
41.33				39.67			
Gender %				Gender %			
Female 43.4%				Female 39.2%			
Male 56.6%				Male 60.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.1%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 8.9%				AA/Black 11.0%			
Hispanic 5.4%				Hispanic 7.1%			
White 81.1%				White 76.4%			
Other 4.6%				Other 5.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.9%	2.1%	6.8%	AA/Black	8.9%	14.4%	-5.5%
Hispanic	5.4%	7.9%	-2.5%	Hispanic	5.4%	14.5%	-9.1%
White	81.1%	82.2%	-1.1%	White	81.1%	66.4%	14.7%
Other	4.6%	7.0%	-2.4%	Other	4.6%	4.6%	0.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	470	16.3%	28.4%	NW	186	21.8%	28.9%
White	2,007	83.7%	71.6%	White	591	78.2%	71.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .035* sig.			
Odds ratio Exp(B) ⁷ : .493* sig.				Odds ratio Exp(B) ⁷ : .726 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.1%	6.0%	8.1%	3.8%	NW	4	N/A
Hispanic	83.2%	3.5%	10.5%	2.8%	White	2	N/A
White	93.8%	2.3%	3.4%	0.6%			
Other	95.8%	4.2%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WALTHAM POLICE DEPARTMENT**

Total Citations ¹ : 2,509	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	42.5%	Citations per 1000	
	Passing through:	59.5%	18 + residents:	46.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,049)				ITP Stops ³ (N = 669)			
Mean age				Mean age			
39.71				38.76			
Gender %				Gender %			
Female 40.3%				Female 42.8%			
Male 59.6%				Male 56.9%			
Non-binary 0.1%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 11.5%				AA/Black 10.1%			
Hispanic 8.6%				Hispanic 8.8%			
White 71.5%				White 71.0%			
Other 8.3%				Other 10.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.5%	7.1%	4.4%	AA/Black	11.5%	14.4%	-2.9%
Hispanic	8.6%	13.6%	-5.0%	Hispanic	8.6%	14.5%	-5.9%
White	71.5%	65.9%	5.6%	White	71.5%	66.4%	5.1%
Other	8.3%	15.9%	-7.6%	Other	8.3%	4.6%	3.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	537	27.7%	32.3%	NW	172	29.0%	27.0%
White	1,366	72.3%	67.7%	White	431	71.0%	73.0%
Chi-square, X-tab ⁶ : .146 <i>not sig.</i>				Chi-square, X-tab ⁶ : .655 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .672* <i>sig.</i>				Odds ratio Exp(B) ⁷ : .662 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.9%	5.4%	15.1%	1.6%	NW	3	N/A
Hispanic	65.9%	10.6%	23.4%	0.0%	White	5	N/A
White	87.9%	6.6%	5.1%	0.4%			
Other	81.0%	16.4%	2.6%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WARE POLICE DEPARTMENT**

Total Citations ¹ : 545	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	39.4%	Citations per 1000	
	Passing through:	60.6%	18 + residents:	70.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 520)				ITP Stops ³ (N = 191)			
Mean age				Mean age			
36.26				35.1			
Gender %				Gender %			
Female 33.7%				Female 28.4%			
Male 66.3%				Male 71.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.8%				Race % Mis/Unk ⁴ 3.1%			
AA/Black 8.9%				AA/Black 9.2%			
Hispanic 6.7%				Hispanic 4.9%			
White 83.8%				White 84.9%			
Other 0.6%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.9%	1.3%	7.6%	AA/Black	8.9%	14.4%	-5.5%
Hispanic	6.7%	7.7%	-1.0%	Hispanic	6.7%	14.5%	-7.8%
White	83.8%	89.3%	-5.5%	White	83.8%	66.4%	17.4%
Other	0.6%	2.6%	-2.0%	Other	0.6%	4.6%	-4.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	74	14.4%	18.1%	NW	25	18.4%	10.9%
White	386	85.6%	81.9%	White	137	81.6%	89.1%
Chi-square, X-tab ⁶ : .283 not sig.				Chi-square, X-tab ⁶ : .201 not sig.			
Odds ratio Exp(B) ⁷ : .700 not sig.				Odds ratio Exp(B) ⁷ : 1.346 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	28.9%	13.3%	35.6%	22.2%	NW	0	
Hispanic	44.1%	8.8%	32.4%	14.7%	White	5	
White	46.1%	20.6%	18.6%	14.7%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-square, X-tab ⁶ : .025* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WAREHAM POLICE DEPARTMENT

Total Citations ¹ : 457	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		16.3%	Citations per 1000		
	Passing through:		83.7%	18 + residents: 24.5		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 376)			ITP Stops³ (N = 149)			
Mean age			Mean age			
38.29			38.39			
Gender %			Gender %			
Female 30.2%			Female 32.0%			
Male 69.8%			Male 68.0%			
Non-binary 0.0%			Non-binary 0.0%			
Race %		Mis/Unk ⁴	Race %		Mis/Unk ⁴	
AA/Black		17.0%	AA/Black		18.2%	
Hispanic		3.1%	Hispanic		4.2%	
White		78.8%	White		76.2%	
Other		1.1%	Other		1.4%	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	17.0%	2.7%	14.3%	AA/Black	17.0%	14.4% 2.6%
Hispanic	3.1%	3.6%	-0.5%	Hispanic	3.1%	14.5% -11.4%
White	78.8%	84.5%	-5.7%	White	78.8%	66.4% 12.4%
Other	1.1%	6.3%	-5.2%	Other	1.1%	4.6% -3.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	70	18.8%	27.4%	NW	32	23.2% 33.3%
White	259	81.2%	72.6%	White	94	76.8% 66.7%
Chi-square, X-tab ⁶ :		.085	not sig.	Chi-square, X-tab ⁶ :		.285 not sig.
Odds ratio Exp(B) ⁷ :		.577	not sig.	Odds ratio Exp(B) ⁷ :		.410 not sig.
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	34.8%	20.3%	34.8%	10.1%	NW	1 N/A
Hispanic	50.0%	16.7%	8.3%	25.0%	White	8 N/A
White	43.1%	20.4%	26.1%	10.5%		
Other	100.0%	0.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.201	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WARREN POLICE DEPARTMENT**

Total Citations ¹ : 763	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.7%	Citations per 1000	
	Passing through:	77.3%	18 + residents:	188.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 750)				ITP Stops ³ (N = 371)			
Mean age				Mean age			
35.66				35.51			
Gender %				Gender %			
Female 34.2%				Female 36.9%			
Male 65.5%				Male 62.8%			
Non-binary 0.3%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 3.3%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 3.0%				AA/Black 2.2%			
Hispanic 4.7%				Hispanic 5.5%			
White 91.6%				White 92.3%			
Other 0.7%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.0%	0.6%	2.4%	AA/Black	3.0%	14.4%	-11.4%
Hispanic	4.7%	1.2%	3.5%	Hispanic	4.7%	14.5%	-9.8%
White	91.6%	95.6%	-4.0%	White	91.6%	66.4%	25.2%
Other	0.7%	2.5%	-1.8%	Other	0.7%	4.6%	-3.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	8.2%	8.5%	NW	25	7.2%	8.8%
White	580	91.8%	91.5%	White	289	92.8%	91.2%
Chi-square, X-tab ⁶ : .891 <i>not sig.</i>				Chi-square, X-tab ⁶ : .588 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : 1.047 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : 1.335 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.3%	4.5%	18.2%	0.0%	NW	0	N/A
Hispanic	79.4%	8.8%	11.8%	0.0%	White	0	N/A
White	82.7%	9.6%	7.2%	0.4%			
Other	40.0%	40.0%	20.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .227 <i>not sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WARWICK POLICE DEPARTMENT**

Total Citations ¹ : 237	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 28.7%			Citations per 1000			
	Passing through: 71.3%			18 + residents: N/A			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 231)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
40.48				N/A			
Gender %				Gender %			
Female 35.1%				Female N/A			
Male 64.9%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.3%				N/A	
AA/Black		0.9%		AA/Black		N/A	
Hispanic		1.8%		Hispanic		N/A	
White		97.4%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race		City Dem		Motorist Race		State Avg	
		% Dif				% Dif	
AA/Black		0.9%		AA/Black		0.9%	
		N/A				14.4%	
		N/A				-13.5%	
Hispanic		1.8%		Hispanic		1.8%	
		N/A				14.5%	
		N/A				-12.7%	
White		97.4%		White		97.4%	
		N/A				66.4%	
		N/A				31.0%	
Other		0.0%		Other		0.0%	
		N/A				4.6%	
		N/A				-4.6%	
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race		N		Race		N	
		Daylight				Daylight	
		Darkness				Darkness	
NW		N/A		NW		N/A	
		N/A				N/A	
White		N/A		White		N/A	
		N/A				N/A	
Chi-square, X-tab ⁶ :		N/A		Chi-square, X-tab ⁶ :		N/A	
Odds ratio Exp(B) ⁷ :		N/A		Odds ratio Exp(B) ⁷ :		N/A	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	50.0%	0.0%	0.0%	NW	2	N/A
Hispanic	50.0%	33.3%	16.7%	0.0%	White	2	N/A
White	60.2%	33.6%	6.2%	0.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .841 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WATERTOWN POLICE DEPARTMENT**

Total Citations ¹ : 497	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		24.1%	Citations per 1000		
	Passing through:		75.9%	18 + residents: 16.3		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 424)				ITP Stops³ (N = 140)		
Mean age				Mean age		
37.67				37.04		
Gender %				Gender %		
Female		35.9%		Female		36.0%
Male		64.1%		Male		64.0%
Non-binary		0.0%		Non-binary		0.0%
Race %		Mis/Unk ⁴ 1.2%		Race %		Mis/Unk ⁴ 0.0%
AA/Black		14.8%		AA/Black		10.0%
Hispanic		12.6%		Hispanic		9.3%
White		60.4%		White		67.1%
Other		12.2%		Other		13.6%
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	14.8%	1.6%	13.2%	AA/Black	14.8%	14.4% 0.4%
Hispanic	12.6%	9.2%	3.4%	Hispanic	12.6%	14.5% -1.9%
White	60.4%	76.4%	-16.0%	White	60.4%	66.4% -6.0%
Other	12.2%	12.7%	-0.5%	Other	12.2%	4.6% 7.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops²				ITP Stops³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	151	35.5%	44.8%	NW	N/A	N/A N/A
White	249	64.5%	55.2%	White	N/A	N/A N/A
Chi-square, X-tab ⁶ :		.103	not sig.	Chi-square, X-tab ⁶ :		N/A N/A
Odds ratio Exp(B) ⁷ :		.802	not sig.	Odds ratio Exp(B) ⁷ :		N/A N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	70.4%	5.6%	21.1%	2.8%	NW	0 N/A
Hispanic	58.2%	10.4%	26.9%	4.5%	White	0 N/A
White	75.3%	14.3%	8.3%	2.0%		
Other	75.5%	17.0%	5.7%	1.9%		Counts Percent
Chi-square, X-tab ⁶ :		.000*	sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WAYLAND POLICE DEPARTMENT**

Total Citations ¹ : 209	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		13.5%	Citations per 1000			
	Passing through:		86.5%	18 + residents: 20.6			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 163)			ITP Stops³ (N = N/A)				
Mean age			Mean age				
42.31			N/A				
Gender %			Gender %				
Female 39.9%			Female N/A				
Male 60.1%			Male N/A				
Non-binary 0.0%			Non-binary N/A				
Race %		Mis/Unk ⁴	6.7%	Race %		Mis/Unk ⁴	N/A
AA/Black			5.3%	AA/Black			N/A
Hispanic			13.2%	Hispanic			N/A
White			70.4%	White			N/A
Other			11.1%	Other			N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.3%	0.7%	4.6%	AA/Black	5.3%	14.4%	-9.1%
Hispanic	13.2%	4.8%	8.4%	Hispanic	13.2%	14.5%	-1.3%
White	70.4%	79.6%	-9.2%	White	70.4%	66.4%	4.0%
Other	11.1%	15.0%	-3.9%	Other	11.1%	4.6%	6.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	38	23.7%	45.8%	NW	N/A	N/A	N/A
White	100	76.3%	54.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :			.027* sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :			.273* sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	25.0%	25.0%	0.0%	NW	0	N/A
Hispanic	29.4%	2.9%	64.7%	2.9%	White	1	N/A
White	73.7%	8.8%	16.1%	1.5%			
Other	66.7%	11.1%	22.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :			.000* sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEBSTER POLICE DEPARTMENT**

Total Citations ¹ : 1,375	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	41.4%	Citations per 1000	
	Passing through:	58.6%	18 + residents:	101.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,290)				ITP Stops ³ (N = 486)			
Mean age				Mean age			
36.71				36.7			
Gender %				Gender %			
Female 38.0%				Female 39.9%			
Male 62.0%				Male 60.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 8.2%				AA/Black 5.4%			
Hispanic 16.6%				Hispanic 16.2%			
White 72.5%				White 76.3%			
Other 2.7%				Other 2.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.2%	4.9%	3.3%	AA/Black	8.2%	14.4%	-6.2%
Hispanic	16.6%	12.1%	4.5%	Hispanic	16.6%	14.5%	2.1%
White	72.5%	80.0%	-7.5%	White	72.5%	66.4%	6.1%
Other	2.7%	4.1%	-1.4%	Other	2.7%	4.6%	-1.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	324	24.1%	30.1%	NW	92	18.8%	24.5%
White	864	75.9%	69.9%	White	327	81.2%	75.5%
Chi-square, X-tab ⁶ :		.020*	sig.	Chi-square, X-tab ⁶ :		.165	not sig.
Odds ratio Exp(B) ⁷ :		.802	not sig.	Odds ratio Exp(B) ⁷ :		.604	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	39.1%	8.7%	45.2%	7.0%	NW	2	N/A
Hispanic	47.7%	5.9%	43.2%	3.2%	White	7	N/A
White	63.4%	7.7%	22.1%	6.8%			
Other	80.6%	5.6%	11.1%	2.8%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WELLESLEY POLICE DEPARTMENT**

Total Citations ¹ : 2,329	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.6%	Citations per 1000	
	Passing through:	83.4%	18 + residents:	108.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,179)				ITP Stops ³ (N = 827)			
Mean age				Mean age			
40.38				41.54			
Gender %				Gender %			
Female 35.0%				Female 37.5%			
Male 64.9%				Male 62.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 8.9%				AA/Black 8.0%			
Hispanic 8.5%				Hispanic 7.1%			
White 74.4%				White 76.3%			
Other 8.2%				Other 8.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.9%	2.9%	6.0%	AA/Black	8.9%	14.4%	-5.5%
Hispanic	8.5%	5.1%	3.4%	Hispanic	8.5%	14.5%	-6.0%
White	74.4%	76.6%	-2.2%	White	74.4%	66.4%	8.0%
Other	8.2%	15.9%	-7.7%	Other	8.2%	4.6%	3.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	518	22.6%	34.1%	NW	173	20.7%	28.0%
White	1,521	77.4%	65.9%	White	575	79.3%	72.0%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .025* sig.			
Odds ratio Exp(B) ⁷ : .555* sig.				Odds ratio Exp(B) ⁷ : .495* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.2%	7.2%	10.1%	2.4%	NW	1	N/A
Hispanic	75.3%	13.9%	9.3%	1.5%	White	0	N/A
White	84.9%	10.4%	3.6%	1.1%			
Other	82.1%	15.3%	1.1%	1.6%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WELLFLEET POLICE DEPARTMENT**

Total Citations ¹ : 570	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.3%	Citations per 1000	
	Passing through:	87.7%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 563)				ITP Stops ³ (N = 266)			
Mean age				Mean age			
41.93				40.89			
Gender %				Gender %			
Female		35.5%		Female		36.1%	
Male		64.5%		Male		63.9%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.8%				1.5%	
AA/Black		9.8%		AA/Black		8.4%	
Hispanic		4.5%		Hispanic		5.0%	
White		83.4%		White		84.7%	
Other		2.4%		Other		1.9%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.8%	N/A	N/A	AA/Black	9.8%	14.4%	-4.6%
Hispanic	4.5%	N/A	N/A	Hispanic	4.5%	14.5%	-10.0%
White	83.4%	N/A	N/A	White	83.4%	66.4%	17.0%
Other	2.4%	N/A	N/A	Other	2.4%	4.6%	-2.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	79	14.8%	17.6%	NW	32	11.8%	19.6%
White	434	85.2%	82.4%	White	206	88.2%	80.4%
Chi-square, X-tab ⁶ :		.477	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.146	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.826	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.816	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	85.2%	5.6%	9.3%	0.0%	NW	0	N/A
Hispanic	76.0%	8.0%	16.0%	0.0%	White	0	N/A
White	86.8%	6.4%	5.8%	1.1%			
Other	76.9%	23.1%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.203	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WENHAM POLICE DEPARTMENT

Total Citations ¹ : 267	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		5.2%	Citations per 1000			
	Passing through:		94.8%	18 + residents:		60	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 251)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
39.71				N/A			
Gender %				Gender %			
Female		44.8%		Female		N/A	
Male		55.2%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		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	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.7%	2.7%	1.0%	AA/Black	3.7%	14.4%	-10.7%
Hispanic	6.2%	5.4%	0.8%	Hispanic	6.2%	14.5%	-8.3%
White	87.8%	87.8%	0.0%	White	87.8%	66.4%	21.4%
Other	2.5%	4.5%	-2.0%	Other	2.5%	4.6%	-2.1%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	10.3%	20.5%	NW	N/A	N/A	N/A
White	188	89.7%	79.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.077	<i>not sig.</i>	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.470	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.0%	20.0%	40.0%	0.0%	NW	0	N/A
Hispanic	25.0%	18.8%	50.0%	6.3%	White	2	N/A
White	60.4%	12.4%	25.3%	1.8%			
Other	83.3%	0.0%	16.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.205	<i>not sig.</i>				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST BOYLSTON POLICE DEPARTMENT**

Total Citations ¹ : 299	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.7%	Citations per 1000	
	Passing through:	86.3%	18 + residents:	42.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 291)				ITP Stops ³ (N = 107)			
Mean age				Mean age			
38.67				38.52			
Gender %				Gender %			
Female 45.0%				Female 46.7%			
Male 55.0%				Male 53.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.1%				Race % Mis/Unk ⁴ 1.9%			
AA/Black 7.1%				AA/Black 4.8%			
Hispanic 11.7%				Hispanic 11.4%			
White 75.9%				White 76.2%			
Other 5.3%				Other 7.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.1%	6.3%	0.8%	AA/Black	7.1%	14.4%	-7.3%
Hispanic	11.7%	12.3%	-0.6%	Hispanic	11.7%	14.5%	-2.8%
White	75.9%	79.4%	-3.5%	White	75.9%	66.4%	9.5%
Other	5.3%	3.9%	1.4%	Other	5.3%	4.6%	0.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	63	24.3%	20.7%	NW	20	22.6%	18.8%
White	205	75.7%	79.3%	White	74	77.4%	81.3%
Chi-square, X-tab ⁶ :		.568	not sig.	Chi-square, X-tab ⁶ :		.667	not sig.
Odds ratio Exp(B) ⁷ :		1.517	not sig.	Odds ratio Exp(B) ⁷ :		1.041	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.0%	5.0%	30.0%	0.0%	NW	0	N/A
Hispanic	81.8%	6.1%	12.1%	0.0%	White	2	N/A
White	80.2%	7.2%	12.2%	0.5%			
Other	86.7%	13.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.477	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST BRIDGEWATER POLICE DEPARTMENT**

Total Citations ¹ : 2,150	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.7%	Citations per 1000	
	Passing through:	93.3%	18 + residents:	373.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,111)				ITP Stops ³ (N = 837)			
Mean age				Mean age			
35.5				34.96			
Gender %				Gender %			
Female 38.3%				Female 37.2%			
Male 61.7%				Male 62.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 29.1%				AA/Black 29.3%			
Hispanic 7.5%				Hispanic 6.3%			
White 62.2%				White 63.0%			
Other 1.2%				Other 1.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	29.1%	1.8%	27.3%	AA/Black	29.1%	14.4%
Hispanic	7.5%	3.1%	4.4%	Hispanic	7.5%	14.5%
White	62.2%	92.8%	-30.6%	White	62.2%	66.4%
Other	1.2%	2.3%	-1.1%	Other	1.2%	4.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	748	35.3%	45.0%	NW	269	36.7%	36.9%
White	1,234	64.7%	55.0%	White	463	63.3%	63.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .964 not sig.			
Odds ratio Exp(B) ⁷ : .630* sig.				Odds ratio Exp(B) ⁷ : .939 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.0%	14.8%	15.4%	1.8%	NW	71	36.2%
Hispanic	63.1%	11.3%	24.4%	1.3%	White	125	63.8%
White	73.8%	16.6%	7.5%	2.1%			
Other	79.2%	16.7%	4.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WEST BROOKFIELD POLICE DEPARTMENT

Total Citations ¹ : 196	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		5.6%	Citations per 1000		
	Passing through:		94.4%	18 + residents:		N/A
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops²			(N = 177)		ITP Stops³	
Mean age			40.8		Mean age	
Gender %			Female 29.4%		N/A	
			Male 70.6%		N/A	
			Non-binary 0.0%		N/A	
Race %		Mis/Unk ⁴	2.3%		N/A	
AA/Black			8.7%		N/A	
Hispanic			3.5%		N/A	
White			84.4%		N/A	
Other			3.5%		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg
AA/Black		8.7%	N/A	AA/Black		14.4%
Hispanic		3.5%	N/A	Hispanic		14.5%
White		84.4%	N/A	White		66.4%
Other		3.5%	N/A	Other		4.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race		N	Daylight	Darkness	Race	
NW		26	17.2%	15.0%	N/A	
White		130	82.8%	85.0%	N/A	
Chi-square, X-tab ⁶ :			.743	not sig.	N/A	
Odds ratio Exp(B) ⁷ :			1.126	not sig.	N/A	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
		Warning	Civil	Criminal	Arrest	Search?
AA/Black		29.4%	41.2%	29.4%	0.0%	0
Hispanic		25.0%	25.0%	50.0%	0.0%	1
White		42.5%	23.8%	26.9%	6.9%	Counts
Other		0.0%	100.0%	0.0%	0.0%	Percent
Chi-square, X-tab ⁶ :			.008*	sig.		
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST NEWBURY POLICE DEPARTMENT**

Total Citations ¹ : 421	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.5%	Citations per 1000	
	Passing through:	79.5%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 409)				ITP Stops ³ (N = 184)			
Mean age				Mean age			
36.06				36.81			
Gender %				Gender %			
Female 31.6%				Female 24.6%			
Male 68.4%				Male 75.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ 2.7%			
AA/Black 4.8%				AA/Black 5.6%			
Hispanic 11.3%				Hispanic 9.5%			
White 83.1%				White 84.4%			
Other 0.8%				Other 0.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.8%	N/A	N/A	AA/Black	4.8%	14.4%	-9.6%
Hispanic	11.3%	N/A	N/A	Hispanic	11.3%	14.5%	-3.2%
White	83.1%	N/A	N/A	White	83.1%	66.4%	16.7%
Other	0.8%	N/A	N/A	Other	0.8%	4.6%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	62	14.4%	20.4%	NW	25	12.7%	19.7%
White	300	85.6%	79.6%	White	130	87.3%	80.3%
Chi-square, X-tab ⁶ :		.131	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.231	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.615	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.518	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	26.3%	31.6%	36.8%	5.3%	NW	0	N/A
Hispanic	42.2%	28.9%	26.7%	2.2%	White	6	N/A
White	47.7%	31.0%	18.1%	3.2%			
Other	66.7%	0.0%	0.0%	33.3%		Counts	Percent
Chi-square, X-tab ⁶ :		.059	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST SPRINGFIELD POLICE DEPARTMENT**

Total Citations ¹ : 1,306	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.0%	Citations per 1000	
	Passing through:	74.0%	18 + residents:	57.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,226)				ITP Stops ³ (N = 397)			
Mean age				Mean age			
35.41				34.05			
Gender %				Gender %			
Female 40.9%				Female 38.2%			
Male 59.0%				Male 61.8%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 6.2%				Race % Mis/Unk ⁴ 2.3%			
AA/Black 14.1%				AA/Black 11.3%			
Hispanic 10.5%				Hispanic 17.5%			
White 73.2%				White 67.8%			
Other 2.2%				Other 3.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.1%	3.2%	10.9%	AA/Black	14.1%	14.4%	-0.3%
Hispanic	10.5%	10.6%	-0.1%	Hispanic	10.5%	14.5%	-4.0%
White	73.2%	79.6%	-6.4%	White	73.2%	66.4%	6.8%
Other	2.2%	7.5%	-5.3%	Other	2.2%	4.6%	-2.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	253	22.3%	35.4%	NW	118	32.6%	32.5%
White	722	77.7%	64.6%	White	244	67.4%	67.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .982 not sig.			
Odds ratio Exp(B) ⁷ : .449* sig.				Odds ratio Exp(B) ⁷ : .543 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.6%	19.0%	30.5%	0.0%	NW	1	N/A
Hispanic	72.8%	24.8%	2.4%	0.0%	White	2	N/A
White	67.9%	16.6%	15.4%	0.1%			
Other	84.6%	11.5%	3.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 5,919	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.5%	Citations per 1000	
	Passing through:	80.5%	18 + residents:	416.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,839)				ITP Stops ³ (N = 1,832)			
Mean age				Mean age			
39.08				38.77			
Gender %				Gender %			
Female 38.5%				Female 36.9%			
Male 61.5%				Male 63.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.5%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 10.5%				AA/Black 8.7%			
Hispanic 11.9%				Hispanic 11.2%			
White 66.9%				White 66.0%			
Other 10.7%				Other 14.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.5%	1.9%	8.6%	AA/Black	10.5%	14.4%	-3.9%
Hispanic	11.9%	6.2%	5.7%	Hispanic	11.9%	14.5%	-2.6%
White	66.9%	65.0%	1.9%	White	66.9%	66.4%	0.5%
Other	10.7%	27.0%	-16.3%	Other	10.7%	4.6%	6.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,860	27.1%	45.3%	NW	554	32.2%	37.3%
White	3,761	72.9%	54.7%	White	1,085	67.8%	62.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .045* sig.			
Odds ratio Exp(B) ⁷ : .466* sig.				Odds ratio Exp(B) ⁷ : .842 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	85.8%	6.1%	7.1%	1.0%	NW	78	38.8%
Hispanic	70.3%	10.4%	14.9%	4.4%	White	123	61.2%
White	89.6%	6.0%	3.4%	1.0%			
Other	93.1%	4.9%	1.6%	0.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTFIELD POLICE DEPARTMENT**

Total Citations ¹ : 3,573	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	41.8%	Citations per 1000	
	Passing through:	58.2%	18 + residents:	105.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,046)				ITP Stops ³ (N = 877)			
Mean age				Mean age			
35.85				34.94			
Gender %				Gender %			
Female 40.0%				Female 35.7%			
Male 59.9%				Male 64.2%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.9%				Race % Mis/Unk ⁴ 1.9%			
AA/Black 6.5%				AA/Black 6.5%			
Hispanic 7.4%				Hispanic 7.2%			
White 84.6%				White 84.5%			
Other 1.5%				Other 1.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.5%	1.6%	4.9%	AA/Black	6.5%	14.4%	-7.9%
Hispanic	7.4%	9.5%	-2.1%	Hispanic	7.4%	14.5%	-7.1%
White	84.6%	85.0%	-0.4%	White	84.6%	66.4%	18.2%
Other	1.5%	4.3%	-2.8%	Other	1.5%	4.6%	-3.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	435	14.4%	18.1%	NW	117	15.4%	16.1%
White	2,385	85.6%	81.9%	White	633	84.7%	83.9%
Chi-square, X-tab ⁶ :		.013*	sig.	Chi-square, X-tab ⁶ :		.796	not sig.
Odds ratio Exp(B) ⁷ :		.762*	sig.	Odds ratio Exp(B) ⁷ :		.856	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.5%	26.2%	10.4%	1.8%	NW	2	N/A
Hispanic	55.5%	37.1%	6.5%	0.8%	White	17	N/A
White	74.0%	21.2%	3.8%	1.0%			
Other	60.8%	31.4%	5.9%	2.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTFORD POLICE DEPARTMENT**

Total Citations ¹ : 3,466	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.7%	Citations per 1000	
	Passing through:	72.3%	18 + residents:	189.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,172)				ITP Stops ³ (N = 1,256)			
Mean age				Mean age			
37.32				37.48			
Gender %				Gender %			
Female 32.8%				Female 31.2%			
Male 67.1%				Male 68.6%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 6.9%				AA/Black 6.2%			
Hispanic 1.7%				Hispanic 1.9%			
White 82.9%				White 82.0%			
Other 8.6%				Other 10.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.9%	0.9%	6.0%	AA/Black	6.9%	14.4%	-7.5%
Hispanic	1.7%	1.5%	0.2%	Hispanic	1.7%	14.5%	-12.8%
White	82.9%	76.1%	6.8%	White	82.9%	66.4%	16.5%
Other	8.6%	21.6%	-13.0%	Other	8.6%	4.6%	4.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	502	16.4%	18.0%	NW	192	18.9%	16.4%
White	2,451	83.6%	82.0%	White	896	81.1%	83.6%
Chi-square, X-tab ⁶ : .284 not sig.				Chi-square, X-tab ⁶ : .274 not sig.			
Odds ratio Exp(B) ⁷ : .831 not sig.				Odds ratio Exp(B) ⁷ : 1.032 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.1%	20.3%	9.3%	1.3%	NW	0	N/A
Hispanic	69.0%	15.5%	12.1%	3.4%	White	5	N/A
White	72.1%	20.7%	6.4%	0.8%			
Other	75.9%	21.6%	2.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .008* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTMINSTER POLICE DEPARTMENT**

Total Citations ¹ : 818	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.0%	Citations per 1000	
	Passing through:	89.0%	18 + residents:	130

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 776)				ITP Stops ³ (N = 307)			
Mean age				Mean age			
34.93				35.53			
Gender %				Gender %			
Female 36.4%				Female 34.6%			
Male 63.3%				Male 65.4%			
Non-binary 0.3%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 7.7%				AA/Black 5.9%			
Hispanic 7.0%				Hispanic 4.9%			
White 84.3%				White 88.2%			
Other 1.0%				Other 1.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.7%	0.0%	7.7%	AA/Black	7.7%	14.4%	-6.7%
Hispanic	7.0%	3.3%	3.7%	Hispanic	7.0%	14.5%	-7.5%
White	84.3%	96.2%	-11.9%	White	84.3%	66.4%	17.9%
Other	1.0%	0.4%	0.6%	Other	1.0%	4.6%	-3.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	113	16.5%	14.7%	NW	31	14.6%	7.3%
White	607	83.5%	85.3%	White	243	85.4%	92.7%
Chi-square, X-tab ⁶ : .494 not sig.				Chi-square, X-tab ⁶ : .059 not sig.			
Odds ratio Exp(B) ⁷ : 1.049 not sig.				Odds ratio Exp(B) ⁷ : 1.128 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.0%	13.6%	6.8%	1.7%	NW	0	N/A
Hispanic	70.9%	7.3%	21.8%	0.0%	White	0	N/A
White	80.7%	8.3%	8.3%	2.6%			
Other	70.0%	20.0%	10.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .058 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTON POLICE DEPARTMENT**

Total Citations ¹ : 662	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.7%	Citations per 1000	
	Passing through:	82.3%	18 + residents:	73.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 612)				ITP Stops ³ (N = 304)			
Mean age				Mean age			
42.65				41.21			
Gender %				Gender %			
Female 37.3%				Female 39.5%			
Male 62.6%				Male 60.2%			
Non-binary 0.2%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 7.9%				AA/Black 7.0%			
Hispanic 13.2%				Hispanic 13.0%			
White 67.5%				White 70.1%			
Other 11.3%				Other 10.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	7.9%	1.9%	6.0%	AA/Black	7.9%	14.4% -6.5%
Hispanic	13.2%	3.8%	9.4%	Hispanic	13.2%	14.5% -1.3%
White	67.5%	76.4%	-8.9%	White	67.5%	66.4% 1.1%
Other	11.3%	16.9%	-5.6%	Other	11.3%	4.6% 6.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	182	29.2%	39.5%	NW	82	30.9%	33.3%	White	175	69.1%	66.7%
White	363	70.8%	60.5%	White	175	69.1%	66.7%	Chi-square, X-tab ⁶ :		.683	<i>not sig.</i>
Chi-square, X-tab ⁶ : .012* <i>sig.</i>				Odds ratio Exp(B) ⁷ : .614* <i>sig.</i>				Odds ratio Exp(B) ⁷ : .972 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.7%	14.5%	12.7%	0.0%	NW	1	N/A
Hispanic	53.8%	16.5%	28.6%	1.1%	White	2	N/A
White	78.7%	14.4%	6.2%	0.7%			
Other	85.9%	12.7%	1.4%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WESTPORT POLICE DEPARTMENT

Total Citations ¹ : 1,782	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		33.7%	Citations per 1000 18 + residents: 134.4		
	Passing through:		66.3%			
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 1,675)			ITP Stops³ (N = 527)			
Mean age			Mean age			
39.97			38.98			
Gender %			Gender %			
Female 41.9%			Female 42.2%			
Male 58.0%			Male 57.8%			
Non-binary 0.1%			Non-binary 0.0%			
Race %		Mis/Unk ⁴	Race %		Mis/Unk ⁴	
AA/Black 6.5%			AA/Black 4.3%			
Hispanic 1.2%			Hispanic 1.4%			
White 91.3%			White 93.6%			
Other 1.0%			Other 0.8%			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	6.5%	0.1%	6.4%	AA/Black	6.5%	14.4% -7.9%
Hispanic	1.2%	1.7%	-0.5%	Hispanic	1.2%	14.5% -13.3%
White	91.3%	97.0%	-5.7%	White	91.3%	66.4% 24.9%
Other	1.0%	1.4%	-0.4%	Other	1.0%	4.6% -3.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops ²				ITP Stops ³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	135	6.3%	13.6%	NW	31	4.1% 9.7%
White	1,354	93.7%	86.4%	White	418	95.9% 90.3%
Chi-square, X-tab ⁶ :			.000* <i>sig.</i>	Chi-square, X-tab ⁶ :		
Odds ratio Exp(B) ⁷ :			.389* <i>sig.</i>	Odds ratio Exp(B) ⁷ :		
				.355* <i>sig.</i>		
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	59.6%	19.3%	20.2%	0.9%	NW	0 N/A
Hispanic	54.5%	0.0%	40.9%	4.5%	White	4 N/A
White	74.9%	13.4%	11.1%	0.6%		
Other	88.2%	5.9%	5.9%	0.0%		Counts Percent
Chi-square, X-tab ⁶ :			.000* <i>sig.</i>			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTWOOD POLICE DEPARTMENT**

Total Citations ¹ : 2,893	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.4%	Citations per 1000	
	Passing through:	86.6%	18 + residents:	236.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,807)				ITP Stops ³ (N = 1,052)			
Mean age				Mean age			
40.34				39.86			
Gender %				Gender %			
Female 42.7%				Female 36.5%			
Male 57.2%				Male 63.3%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 4.5%			
AA/Black 16.1%				AA/Black 17.2%			
Hispanic 6.9%				Hispanic 8.1%			
White 72.1%				White 69.1%			
Other 4.9%				Other 5.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.1%	0.7%	15.4%	AA/Black	16.1%	14.4%	1.7%
Hispanic	6.9%	3.0%	3.9%	Hispanic	6.9%	14.5%	-7.6%
White	72.1%	84.4%	-12.3%	White	72.1%	66.4%	5.7%
Other	4.9%	11.4%	-6.5%	Other	4.9%	4.6%	0.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	701	25.3%	33.9%	NW	275	31.6%	31.4%
White	1,821	74.7%	66.1%	White	598	68.4%	68.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .942 not sig.			
Odds ratio Exp(B) ⁷ : .702* sig.				Odds ratio Exp(B) ⁷ : 1.621* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.7%	11.4%	6.3%	0.7%	NW	1	N/A
Hispanic	81.6%	11.1%	5.3%	2.1%	White	6	N/A
White	89.3%	7.1%	2.8%	0.8%			
Other	88.9%	6.7%	3.7%	0.7%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEYMOUTH POLICE DEPARTMENT**

Total Citations ¹ : 5,901	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	40.0%	Citations per 1000	
	Passing through:	60.0%	18 + residents:	124.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,642)				ITP Stops ³ (N = 1,813)			
Mean age				Mean age			
38.88				37.19			
Gender %				Gender %			
Female 40.7%				Female 39.1%			
Male 59.2%				Male 60.8%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 7.2%				Race % Mis/Unk ⁴ 3.9%			
AA/Black 11.5%				AA/Black 12.0%			
Hispanic 4.5%				Hispanic 5.3%			
White 81.3%				White 79.2%			
Other 2.8%				Other 3.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.5%	5.6%	5.9%	AA/Black	11.5%	14.4%	-2.9%
Hispanic	4.5%	3.8%	0.7%	Hispanic	4.5%	14.5%	-10.0%
White	81.3%	81.6%	-0.3%	White	81.3%	66.4%	14.9%
Other	2.8%	8.5%	-5.7%	Other	2.8%	4.6%	-1.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	922	16.1%	25.8%	NW	326	19.5%	22.4%
White	4,031	83.9%	74.2%	White	1,256	80.5%	77.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .172 not sig.			
Odds ratio Exp(B) ⁷ : .551* sig.				Odds ratio Exp(B) ⁷ : .741 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.0%	3.7%	12.0%	3.4%	NW	12	N/A
Hispanic	69.9%	9.4%	14.7%	6.0%	White	8	N/A
White	89.0%	4.0%	5.3%	1.7%			
Other	89.9%	8.1%	2.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WHITMAN POLICE DEPARTMENT**

Total Citations ¹ : 480	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.2%	Citations per 1000	
	Passing through:	78.8%	18 + residents:	40.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 419)				ITP Stops ³ (N = 205)			
Mean age				Mean age			
34.57				34.69			
Gender %				Gender %			
Female 30.4%				Female 28.6%			
Male 69.4%				Male 70.9%			
Non-binary 0.2%				Non-binary 0.5%			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 15.5%				AA/Black 16.4%			
Hispanic 6.1%				Hispanic 5.5%			
White 76.4%				White 74.6%			
Other 2.0%				Other 3.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.5%	1.9%	13.6%	AA/Black	15.5%	14.4%	1.1%
Hispanic	6.1%	2.5%	3.6%	Hispanic	6.1%	14.5%	-8.4%
White	76.4%	91.7%	-15.3%	White	76.4%	66.4%	10.0%
Other	2.0%	3.5%	-1.5%	Other	2.0%	4.6%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	83	21.1%	26.7%	NW	41	18.9%	31.8%
White	275	78.9%	73.3%	White	131	81.1%	68.2%
Chi-square, X-tab ⁶ : .224 not sig.				Chi-square, X-tab ⁶ : .053 not sig.			
Odds ratio Exp(B) ⁷ : .839 not sig.				Odds ratio Exp(B) ⁷ : .437 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	11.8%	67.6%	17.6%	2.9%	NW	1	N/A
Hispanic	0.0%	48.3%	44.8%	6.9%	White	0	N/A
White	14.4%	61.9%	21.0%	2.8%			
Other	12.5%	62.5%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .091 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILBRAHAM POLICE DEPARTMENT**

Total Citations ¹ : 1,828	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.4%	Citations per 1000	
	Passing through:	76.6%	18 + residents:	157.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,700)				ITP Stops ³ (N = 670)			
Mean age				Mean age			
37.35				37.65			
Gender %				Gender %			
Female 37.1%				Female 36.7%			
Male 62.9%				Male 63.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 11.1%				AA/Black 10.6%			
Hispanic 7.4%				Hispanic 5.6%			
White 80.4%				White 82.2%			
Other 1.1%				Other 1.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.1%	3.2%	7.9%	AA/Black	11.1%	14.4%	-3.3%
Hispanic	7.4%	9.7%	-2.3%	Hispanic	7.4%	14.5%	-7.1%
White	80.4%	85.3%	-4.9%	White	80.4%	66.4%	14.0%
Other	1.1%	2.7%	-1.6%	Other	1.1%	4.6%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	294	15.8%	27.2%	NW	109	15.3%	23.3%
White	1,186	84.2%	72.8%	White	481	84.7%	76.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .014* sig.			
Odds ratio Exp(B) ⁷ : .494* sig.				Odds ratio Exp(B) ⁷ : .535* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.1%	5.3%	22.7%	2.9%	NW	17	N/A
Hispanic	72.0%	3.8%	16.7%	7.6%	White	10	N/A
White	84.4%	4.8%	9.1%	1.7%			
Other	76.2%	9.5%	14.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILLIAMSBURG POLICE DEPARTMENT**

Total Citations ¹ : 491	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	10.3%	Citations per 1000	
	Passing through:	89.7%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 485)				ITP Stops ³ (N = 237)			
Mean age				Mean age			
42.38				40.64			
Gender %				Gender %			
Female 41.3%				Female 40.7%			
Male 58.7%				Male 59.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.7%				Race % Mis/Unk ⁴ 5.1%			
AA/Black 3.9%				AA/Black 2.7%			
Hispanic 5.8%				Hispanic 4.4%			
White 88.7%				White 91.6%			
Other 1.5%				Other 1.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.9%	N/A	N/A	AA/Black	3.9%	14.4%	-10.5%
Hispanic	5.8%	N/A	N/A	Hispanic	5.8%	14.5%	-8.7%
White	88.7%	N/A	N/A	White	88.7%	66.4%	22.3%
Other	1.5%	N/A	N/A	Other	1.5%	4.6%	-3.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	50	8.3%	16.5%	NW	17	6.5%	9.3%
White	398	91.7%	83.5%	White	194	93.5%	90.7%
Chi-square, X-tab ⁶ :		.009*	sig.	Chi-square, X-tab ⁶ :		.447	not sig.
Odds ratio Exp(B) ⁷ :		.255*	sig.	Odds ratio Exp(B) ⁷ :		.224*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.7%	22.2%	5.6%	5.6%	NW	4	N/A
Hispanic	59.3%	18.5%	18.5%	3.7%	White	7	N/A
White	76.4%	14.4%	6.5%	2.6%			
Other	85.7%	14.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.456	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILLIAMSTOWN POLICE DEPARTMENT**

Total Citations ¹ : 224	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		22.2%	Citations per 1000			
	Passing through:		77.8%	18 + residents:		35.2	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 181)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
37.93				N/A			
Gender %				Gender %			
Female		40.2%		Female		N/A	
Male		59.8%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.1%				N/A	
AA/Black		7.8%		AA/Black		N/A	
Hispanic		1.7%		Hispanic		N/A	
White		88.3%		White		N/A	
Other		2.2%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.8%	5.1%	2.7%	AA/Black	7.8%	14.4%	-6.6%
Hispanic	1.7%	6.1%	-4.4%	Hispanic	1.7%	14.5%	-12.8%
White	88.3%	79.1%	9.2%	White	88.3%	66.4%	21.9%
Other	2.2%	11.6%	-9.4%	Other	2.2%	4.6%	-2.4%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	9.6%	17.8%	NW	N/A	N/A	N/A
White	141	90.4%	82.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.149	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.408	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.5%	12.5%	25.0%	0.0%	NW	0	N/A
Hispanic	50.0%	50.0%	0.0%	0.0%	White	2	N/A
White	65.2%	14.1%	18.7%	2.0%			
Other	75.0%	0.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.740	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILMINGTON POLICE DEPARTMENT**

Total Citations ¹ : 3,384	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.3%	Citations per 1000	
	Passing through:	70.7%	18 + residents:	183.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,352)				ITP Stops ³ (N = 1,268)			
Mean age				Mean age			
39.62				39.05			
Gender %				Gender %			
Female 38.8%				Female 35.5%			
Male 61.1%				Male 64.4%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 0.6%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 4.7%				AA/Black 4.1%			
Hispanic 7.5%				Hispanic 6.3%			
White 82.5%				White 84.5%			
Other 5.3%				Other 5.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.7%	4.1%	0.6%	AA/Black	4.7%	14.4%	-9.7%
Hispanic	7.5%	1.0%	6.5%	Hispanic	7.5%	14.5%	-7.0%
White	82.5%	87.0%	-4.5%	White	82.5%	66.4%	16.1%
Other	5.3%	7.9%	-2.6%	Other	5.3%	4.6%	0.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	550	15.7%	22.6%	NW	167	15.3%	14.8%
White	2,579	84.3%	77.4%	White	936	84.7%	85.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .805 not sig.			
Odds ratio Exp(B) ⁷ : .618* sig.				Odds ratio Exp(B) ⁷ : .638 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	79.4%	10.0%	7.5%	3.1%	NW	0	N/A
Hispanic	73.9%	11.5%	11.9%	2.8%	White	1	N/A
White	87.0%	9.0%	2.7%	1.2%			
Other	91.0%	7.9%	0.6%	0.6%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WINCHENDON POLICE DEPARTMENT**

Total Citations ¹ : 533	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	40.1%	Citations per 1000	
	Passing through:	59.9%	18 + residents:	63.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 489)				ITP Stops ³ (N = 205)			
Mean age				Mean age			
34.82				35.62			
Gender %				Gender %			
Female 39.8%				Female 37.4%			
Male 60.2%				Male 62.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 6.3%				Race % Mis/Unk ⁴ 6.3%			
AA/Black 5.7%				AA/Black 7.3%			
Hispanic 8.1%				Hispanic 9.9%			
White 85.6%				White 82.3%			
Other 0.7%				Other 0.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	5.7%	1.2%	4.5%	AA/Black	5.7%	14.4% -8.7%
Hispanic	8.1%	3.2%	4.9%	Hispanic	8.1%	14.5% -6.4%
White	85.6%	90.8%	-5.2%	White	85.6%	66.4% 19.2%
Other	0.7%	5.1%	-4.4%	Other	0.7%	4.6% -3.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	11.5%	17.0%	NW	29	14.7%	18.8%
White	361	88.5%	83.0%	White	142	85.3%	81.3%
Chi-square, X-tab ⁶ :		.110	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.480	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.654	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.569	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	28.6%	17.9%	46.4%	7.1%	NW	1	N/A
Hispanic	25.6%	10.3%	59.0%	5.1%	White	5	N/A
White	45.9%	20.9%	29.0%	4.2%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.006*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WINCHESTER POLICE DEPARTMENT**

Total Citations ¹ : 207	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		28.1%	Citations per 1000					
	Passing through:		71.9%	18 + residents: 12.7					
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops²			(N = 146)						
Mean age			Mean age						
41.92			N/A						
Gender %			Gender %						
Female 30.1%			Female N/A						
Male 69.9%			Male N/A						
Non-binary 0.0%			Non-binary N/A						
Race % Mis/Unk ⁴ 6.8%			Race % Mis/Unk ⁴ N/A						
AA/Black 8.1%			AA/Black N/A						
Hispanic 3.7%			Hispanic N/A						
White 74.3%			White N/A						
Other 14.0%			Other N/A						
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵					
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif			
AA/Black	8.1%	0.3%	7.8%	AA/Black	8.1%	14.4%	-6.3%		
Hispanic	3.7%	2.1%	1.6%	Hispanic	3.7%	14.5%	-10.8%		
White	74.3%	79.5%	-5.2%	White	74.3%	66.4%	7.9%		
Other	14.0%	17.3%	-3.3%	Other	14.0%	4.6%	9.4%		
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
VoD Analyses									
All Stops ²				ITP Stops ³					
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness		
NW	31	23.5%	33.3%	NW	N/A	N/A	N/A		
White	91	76.5%	66.7%	White	N/A	N/A	N/A		
Chi-square, X-tab ⁶ :			.320	not sig.		Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :			.574	not sig.		Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race⁸									
	Warning	Civil	Criminal	Arrest		Search?			
AA/Black	25.0%	30.0%	40.0%	5.0%	NW	0	N/A		
Hispanic	30.0%	0.0%	60.0%	10.0%	White	4	N/A		
White	70.8%	13.1%	11.7%	4.4%					
Other	66.7%	29.2%	4.2%	0.0%		Counts	Percent		
Chi-square, X-tab ⁶ :			.000*	sig.					
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WINTHROP POLICE DEPARTMENT**

Total Citations ¹ : 363	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		43.3%	Citations per 1000			
	Passing through:		56.7%	18 + residents:		24	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops²			(N = 331)				
Mean age			ITP Stops ³				
34.57			(N = N/A)				
Gender %			Mean age				
			N/A				
Female 23.3%			Gender %				
Male 76.7%			Female N/A				
Non-binary 0.0%			Male N/A				
Race % Mis/Unk ⁴ 6.9%			Non-binary N/A				
AA/Black 11.4%			Race % Mis/Unk ⁴ N/A				
Hispanic 11.0%			AA/Black N/A				
White 74.4%			Hispanic N/A				
Other 3.2%			White N/A				
			Other N/A				
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.4%	2.2%	9.2%	AA/Black	11.4%	14.4%	-3.0%
Hispanic	11.0%	9.5%	1.5%	Hispanic	11.0%	14.5%	-3.5%
White	74.4%	86.5%	-12.1%	White	74.4%	66.4%	8.0%
Other	3.2%	3.2%	0.0%	Other	3.2%	4.6%	-1.4%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	74	16.5%	30.7%	NW	N/A	N/A	N/A
White	220	83.5%	69.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .006* sig.			Chi-square, X-tab ⁶ : N/A N/A				
Odds ratio Exp(B) ⁷ : .379* sig.			Odds ratio Exp(B) ⁷ : N/A N/A				
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.3%	10.5%	21.1%	13.2%	NW	3	N/A
Hispanic	47.1%	20.6%	20.6%	11.8%	White	5	N/A
White	55.7%	20.2%	20.9%	3.2%			
Other	80.0%	10.0%	10.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .109 not sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WOBURN POLICE DEPARTMENT**

Total Citations ¹ : 3,219	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	40.9%	Citations per 1000	
	Passing through:	59.1%	18 + residents:	99.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,107)				ITP Stops ³ (N = 1,216)			
Mean age				Mean age			
41.32				40.88			
Gender %				Gender %			
Female 42.0%				Female 43.1%			
Male 57.8%				Male 56.8%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 6.9%				AA/Black 5.3%			
Hispanic 6.6%				Hispanic 6.3%			
White 79.6%				White 80.9%			
Other 6.9%				Other 7.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.9%	5.9%	1.0%	AA/Black	6.9%	14.4%	-7.5%
Hispanic	6.6%	4.6%	2.0%	Hispanic	6.6%	14.5%	-7.9%
White	79.6%	77.4%	2.2%	White	79.6%	66.4%	13.2%
Other	6.9%	11.4%	-4.5%	Other	6.9%	4.6%	2.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	570	19.5%	27.1%	NW	209	18.7%	21.9%
White	2,184	80.5%	72.9%	White	868	81.3%	78.1%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.264	not sig.
Odds ratio Exp(B) ⁷ :		.644*	sig.	Odds ratio Exp(B) ⁷ :		.670*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	87.6%	6.9%	4.1%	1.4%	NW	1	N/A
Hispanic	75.7%	10.6%	11.9%	1.8%	White	7	N/A
White	91.9%	4.6%	3.0%	0.4%			
Other	95.0%	3.7%	0.9%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WORCESTER POLICE DEPARTMENT**

Total Citations ¹ : 1,419	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	60.0%	Citations per 1000	
	Passing through:	40.0%	18 + residents:	9.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,084)				ITP Stops ³ (N = 373)			
Mean age				Mean age			
35.5				34.41			
Gender %				Gender %			
Female 28.5%				Female 28.9%			
Male 71.3%				Male 70.8%			
Non-binary 0.2%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 8.2%				Race % Mis/Unk ⁴ 5.4%			
AA/Black 17.1%				AA/Black 18.4%			
Hispanic 28.9%				Hispanic 29.3%			
White 51.2%				White 48.7%			
Other 2.8%				Other 3.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	17.1%	13.3%	3.8%	AA/Black	17.1%	14.4%	2.7%
Hispanic	28.9%	21.9%	7.0%	Hispanic	28.9%	14.5%	14.4%
White	51.2%	55.2%	-4.0%	White	51.2%	66.4%	-15.2%
Other	2.8%	12.1%	-9.3%	Other	2.8%	4.6%	-1.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	435	48.5%	52.8%	NW	160	51.2%	42.7%
White	446	51.5%	47.2%	White	165	48.8%	57.3%
Chi-square, X-tab ⁶ :		.306	not sig.	Chi-square, X-tab ⁶ :		.195	not sig.
Odds ratio Exp(B) ⁷ :		.853	not sig.	Odds ratio Exp(B) ⁷ :		1.664	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	39.4%	26.1%	21.1%	13.3%	NW	12	N/A
Hispanic	27.0%	34.9%	17.2%	21.0%	White	3	N/A
White	48.5%	27.0%	16.7%	7.8%			
Other	52.8%	30.6%	13.9%	2.8%			
Chi-square, X-tab ⁶ :		.000*	sig.			Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WRENTHAM POLICE DEPARTMENT**

Total Citations ¹ : 2,189	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.1%	Citations per 1000	
	Passing through:	82.9%	18 + residents:	239.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,139)				ITP Stops ³ (N = 869)			
Mean age				Mean age			
38.78				38.48			
Gender %				Gender %			
Female 43.4%				Female 43.2%			
Male 56.6%				Male 56.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 19.2%				Race % Mis/Unk ⁴ 18.9%			
AA/Black 10.3%				AA/Black 10.9%			
Hispanic 5.4%				Hispanic 6.5%			
White 82.1%				White 81.1%			
Other 2.1%				Other 1.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	10.3%	2.9%	7.4%	AA/Black	10.3%	14.4% -4.1%
Hispanic	5.4%	2.9%	2.5%	Hispanic	5.4%	14.5% -9.1%
White	82.1%	92.7%	-10.6%	White	82.1%	66.4% 15.7%
Other	2.1%	1.5%	0.6%	Other	2.1%	4.6% -2.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	299	17.0%	22.3%	NW	125	20.5%	14.8%
White	1,348	83.0%	77.7%	White	516	79.5%	85.2%
Chi-square, X-tab ⁶ :		.020*	sig.	Chi-square, X-tab ⁶ :		.159	not sig.
Odds ratio Exp(B) ⁷ :		.649*	sig.	Odds ratio Exp(B) ⁷ :		1.137	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.0%	12.2%	13.3%	0.6%	NW	3	N/A
Hispanic	53.9%	25.5%	19.6%	1.0%	White	5	N/A
White	83.8%	10.9%	4.3%	1.0%			
Other	81.1%	18.9%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
YARMOUTH POLICE DEPARTMENT**

Total Citations ¹ : 1,823	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	36.0%	Citations per 1000	
	Passing through:	64.0%	18 + residents:	91.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,723)				ITP Stops ³ (N = 694)			
Mean age				Mean age			
40.3				37.68			
Gender %				Gender %			
Female 38.7%				Female 38.0%			
Male 61.2%				Male 62.0%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 12.8%				AA/Black 14.9%			
Hispanic 3.0%				Hispanic 3.7%			
White 83.4%				White 80.6%			
Other 0.8%				Other 0.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.8%	2.4%	10.4%	AA/Black	12.8%	14.4%	-1.6%
Hispanic	3.0%	2.7%	0.3%	Hispanic	3.0%	14.5%	-11.5%
White	83.4%	89.2%	-5.8%	White	83.4%	66.4%	17.0%
Other	0.8%	5.5%	-4.7%	Other	0.8%	4.6%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	270	14.8%	20.2%	NW	124	20.1%	18.8%
White	1,352	85.2%	79.8%	White	511	79.9%	81.2%
Chi-square, X-tab ⁶ : .006* sig.				Chi-square, X-tab ⁶ : .693 not sig.			
Odds ratio Exp(B) ⁷ : .717* sig.				Odds ratio Exp(B) ⁷ : 1.155 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	71.5%	12.8%	10.2%	5.5%	NW	4	
Hispanic	41.4%	13.8%	37.9%	6.9%	White	15	
White	77.9%	5.2%	12.7%	4.2%			
Other	85.7%	7.1%	7.1%	0.0%			
Chi-square, X-tab ⁶ : .000* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 BOSTON POLICE DEPARTMENT

2021 Boston Police Department Districts³⁷

District A-1: Downtown Boston and Charlestown

District A-7: East Boston

District B-2: Roxbury

District B-3: Mattapan

District C-6: South Boston

District C-11: Dorchester

District D-4: South End

District D-14: Brighton

District E-5: West Roxbury

District E-13: Jamaica Plain

District E-18: Hyde Park

³⁷The Boston Police Department (BPD) district information obtained from the Boston Police Department official website at: <https://www.boston.gov/departments/police#districts>. Rates for BPD districts are based on total City of Boston population as individual district populations were not available.

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT A-1**

Total Citations ¹ : 563	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.3%	Citations per 1000	
	Passing through:	88.7%	18 + residents:	1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 523)				ITP Stops ³ (N = 121)			
Mean age				Mean age			
38.88				33.86			
Gender %				Gender %			
Female 30.0%				Female 23.5%			
Male 69.8%				Male 75.6%			
Non-binary 0.2%				Non-binary 0.8%			
Race % Mis/Unk ⁴ 7.3%				Race % Mis/Unk ⁴ 6.6%			
AA/Black 27.6%				AA/Black 31.9%			
Hispanic 13.2%				Hispanic 20.4%			
White 41.2%				White 36.3%			
Other 17.9%				Other 11.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	27.6%	25.2%	2.4%	AA/Black	27.6%	14.4%	13.2%
Hispanic	13.2%	19.8%	-6.6%	Hispanic	13.2%	14.5%	-1.3%
White	41.2%	44.5%	-3.3%	White	41.2%	66.4%	-25.2%
Other	17.9%	15.4%	2.5%	Other	17.9%	4.6%	13.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	272	58.0%	60.2%	NW	68	62.9%	64.4%
White	192	42.0%	39.8%	White	39	37.1%	35.6%
Chi-square, X-tab ⁶ : .678 not sig.				Chi-square, X-tab ⁶ : .870 not sig.			
Odds ratio Exp(B) ⁷ : .996 not sig.				Odds ratio Exp(B) ⁷ : 1.262 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	52.9%	39.3%	6.4%	1.4%	NW	1	N/A
Hispanic	54.8%	32.9%	11.0%	1.4%	White	1	N/A
White	50.0%	47.3%	2.7%	0.0%			
Other	26.4%	73.6%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT A-7**

Total Citations ¹ : 439	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	41.1%	Citations per 1000	
	Passing through:	58.9%	18 + residents:	0.08

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 383)				ITP Stops ³ (N = 129)			
Mean age				Mean age			
41.3				38.96			
Gender %				Gender %			
Female 27.8%				Female 27.1%			
Male 72.2%				Male 72.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 9.7%				Race % Mis/Unk ⁴ 7.8%			
AA/Black 14.7%				AA/Black 18.5%			
Hispanic 39.3%				Hispanic 39.5%			
White 40.5%				White 38.7%			
Other 5.5%				Other 3.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.7%	25.2%	-10.5%	AA/Black	14.7%	14.4%	0.3%
Hispanic	39.3%	19.8%	19.5%	Hispanic	39.3%	14.5%	24.8%
White	40.5%	44.5%	-4.0%	White	40.5%	66.4%	-25.9%
Other	5.5%	15.4%	-9.9%	Other	5.5%	4.6%	0.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	193	53.3%	69.2%	NW	66	57.1%	62.7%
White	134	46.7%	30.8%	White	43	42.9%	37.3%
Chi-square, X-tab ⁶ :		.005*	sig.	Chi-square, X-tab ⁶ :		.564	not sig.
Odds ratio Exp(B) ⁷ :		.458*	sig.	Odds ratio Exp(B) ⁷ :		1.011	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.8%	11.1%	11.1%	0.0%	NW	5	N/A
Hispanic	55.9%	20.5%	18.6%	5.0%	White	1	N/A
White	77.4%	7.3%	12.8%	2.4%			
Other	94.7%	5.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT B-2**

Total Citations ¹ : 2,023	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.5%	Citations per 1000	
	Passing through:	83.5%	18 + residents:	3.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,925)				ITP Stops ³ (N = 548)			
Mean age				Mean age			
36.77				37.36			
Gender %				Gender %			
Female 34.7%				Female 37.2%			
Male 65.2%				Male 62.4%			
Non-binary 0.2%				Non-binary 0.4%			
Race % Mis/Unk ⁴ 6.9%				Race % Mis/Unk ⁴ 6.4%			
AA/Black 53.8%				AA/Black 58.9%			
Hispanic 27.6%				Hispanic 19.5%			
White 15.2%				White 16.6%			
Other 3.5%				Other 5.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	53.8%	25.2%	28.6%	AA/Black	53.8%	14.4%	39.4%
Hispanic	27.6%	19.8%	7.8%	Hispanic	27.6%	14.5%	13.1%
White	15.2%	44.5%	-29.3%	White	15.2%	66.4%	-51.2%
Other	3.5%	15.4%	-11.9%	Other	3.5%	4.6%	-1.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,420	85.1%	84.6%	NW	376	85.5%	80.9%
White	253	14.9%	15.4%	White	73	14.5%	19.1%
Chi-square, X-tab ⁶ :		.761	not sig.	Chi-square, X-tab ⁶ :		.200	not sig.
Odds ratio Exp(B) ⁷ :		1.084	not sig.	Odds ratio Exp(B) ⁷ :		1.262	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	84.2%	11.9%	2.5%	1.4%	NW	47	N/A
Hispanic	65.0%	32.2%	2.8%	0.0%	White	14	N/A
White	78.3%	16.6%	4.8%	0.3%			
Other	86.6%	11.9%	1.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT B-3**

Total Citations ¹ : 1,448	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.6%	Citations per 1000	
	Passing through:	86.4%	18 + residents:	2.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,317)				ITP Stops ³ (N = 424)			
Mean age				Mean age			
34.37				35.56			
Gender %				Gender %			
Female 31.4%				Female 29.0%			
Male 68.5%				Male 71.0%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.2%				Race % Mis/Unk ⁴ 9.4%			
AA/Black 68.8%				AA/Black 70.8%			
Hispanic 18.6%				Hispanic 15.6%			
White 11.5%				White 12.5%			
Other 1.1%				Other 1.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	68.8%	25.2%	43.6%	AA/Black	68.8%	14.4%	54.4%
Hispanic	18.6%	19.8%	-1.2%	Hispanic	18.6%	14.5%	4.1%
White	11.5%	44.5%	-33.0%	White	11.5%	66.4%	-54.9%
Other	1.1%	15.4%	-14.3%	Other	1.1%	4.6%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,015	87.7%	89.4%	NW	297	87.2%	86.0%
White	133	12.3%	10.6%	White	46	12.8%	14.0%
Chi-square, X-tab ⁶ :		.383	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.735	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.794	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.788	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.2%	16.2%	11.5%	4.1%	NW	26	N/A
Hispanic	67.7%	19.8%	8.1%	4.4%	White	0	N/A
White	81.3%	8.7%	8.7%	1.3%			
Other	62.5%	25.0%	6.3%	6.3%		Counts	Percent
Chi-square, X-tab ⁶ :		.041*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT C-6**

Total Citations ¹ : 4,942	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.1%	Citations per 1000	
	Passing through:	78.9%	18 + residents:	8.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,912)				ITP Stops ³ (N = 1,705)			
Mean age				Mean age			
39.34				37.65			
Gender %				Gender %			
Female 36.3%				Female 33.5%			
Male 63.5%				Male 66.4%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 10.6%				Race % Mis/Unk ⁴ 8.8%			
AA/Black 21.7%				AA/Black 22.6%			
Hispanic 10.9%				Hispanic 8.9%			
White 61.6%				White 62.3%			
Other 5.7%				Other 6.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	21.7%	25.2%	-3.5%	AA/Black	21.7%	14.4%	7.3%
Hispanic	10.9%	19.8%	-8.9%	Hispanic	10.9%	14.5%	-3.6%
White	61.6%	44.5%	17.1%	White	61.6%	66.4%	-4.8%
Other	5.7%	15.4%	-9.7%	Other	5.7%	4.6%	1.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,567	33.4%	51.5%	NW	515	32.8%	44.9%
White	2,511	66.6%	48.5%	White	852	67.2%	55.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .479* sig.				Odds ratio Exp(B) ⁷ : .568* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	95.9%	3.5%	0.5%	0.1%	NW	11	N/A
Hispanic	88.7%	9.7%	0.6%	1.0%	White	8	N/A
White	96.8%	3.1%	0.1%	0.0%			
Other	96.1%	3.9%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT C-11**

Total Citations ¹ : 3,219	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	43.2%	Citations per 1000	
	Passing through:	56.8%	18 + residents:	5.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,989)				ITP Stops ³ (N = 996)			
Mean age				Mean age			
39.87				39.39			
Gender %				Gender %			
Female 37.7%				Female 39.4%			
Male 62.3%				Male 60.6%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.5%				Race % Mis/Unk ⁴ 3.0%			
AA/Black 55.8%				AA/Black 61.5%			
Hispanic 14.5%				Hispanic 9.8%			
White 22.6%				White 24.4%			
Other 7.1%				Other 4.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	55.8%	25.2%	30.6%	AA/Black	55.8%	14.4%	41.4%
Hispanic	14.5%	19.8%	-5.3%	Hispanic	14.5%	14.5%	0.0%
White	22.6%	44.5%	-21.9%	White	22.6%	66.4%	-43.8%
Other	7.1%	15.4%	-8.3%	Other	7.1%	4.6%	2.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,065	76.3%	81.1%	NW	654	76.8%	75.7%
White	590	23.7%	18.9%	White	201	23.2%	24.3%
Chi-square, X-tab ⁶ :		.006*	sig.	Chi-square, X-tab ⁶ :		.722	not sig.
Odds ratio Exp(B) ⁷ :		.720*	sig.	Odds ratio Exp(B) ⁷ :		.967	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.1%	10.1%	8.0%	0.8%	NW	24	N/A
Hispanic	81.3%	10.7%	7.8%	0.2%	White	7	N/A
White	85.1%	8.1%	6.2%	0.6%			
Other	88.1%	8.7%	3.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.071	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT D-4**

Total Citations ¹ : 3,125	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	10.1%	Citations per 1000	
	Passing through:	89.9%	18 + residents:	5.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,945)				ITP Stops ³ (N = 1,019)			
Mean age				Mean age			
38.05				37.57			
Gender %				Gender %			
Female 29.7%				Female 30.6%			
Male 70.1%				Male 69.4%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 10.9%				Race % Mis/Unk ⁴ 10.7%			
AA/Black 33.8%				AA/Black 31.1%			
Hispanic 14.2%				Hispanic 14.4%			
White 43.7%				White 44.5%			
Other 8.3%				Other 10.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	33.8%	25.2%	8.6%	AA/Black	33.8%	14.4%	19.4%
Hispanic	14.2%	19.8%	-5.6%	Hispanic	14.2%	14.5%	-0.3%
White	43.7%	44.5%	-0.8%	White	43.7%	66.4%	-22.7%
Other	8.3%	15.4%	-7.1%	Other	8.3%	4.6%	3.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,375	52.5%	62.5%	NW	470	54.4%	59.8%
White	1,049	47.5%	37.5%	White	356	45.6%	40.2%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.119	not sig.
Odds ratio Exp(B) ⁷ :		.631*	sig.	Odds ratio Exp(B) ⁷ :		.726	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	87.8%	9.7%	2.2%	0.2%	NW	12	N/A
Hispanic	81.6%	15.2%	3.3%	0.0%	White	6	N/A
White	82.2%	15.4%	2.5%	0.0%			
Other	90.4%	9.1%	0.4%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.001*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT D-14**

Total Citations ¹ : 339	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		15.0%	Citations per 1000			
	Passing through:		85.0%	18 + residents:		0.6	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 315)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
39.71				N/A			
Gender %				Gender %			
Female		37.7%		Female		N/A	
Male		62.3%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		11.4%				N/A	
AA/Black		17.9%		AA/Black		N/A	
Hispanic		4.7%		Hispanic		N/A	
White		66.3%		White		N/A	
Other		11.1%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	17.9%	25.2%	-7.3%	AA/Black	17.9%	14.4%	3.5%
Hispanic	4.7%	19.8%	-15.1%	Hispanic	4.7%	14.5%	-9.8%
White	66.3%	44.5%	21.8%	White	66.3%	66.4%	-0.1%
Other	11.1%	15.4%	-4.3%	Other	11.1%	4.6%	6.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	89	31.8%	51.4%	NW	N/A	N/A	N/A
White	169	68.2%	48.6%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.023*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.488	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.1%	17.0%	0.0%	1.9%	NW	1	N/A
Hispanic	52.9%	41.2%	5.9%	0.0%	White	1	N/A
White	94.8%	3.6%	1.6%	0.0%			
Other	90.9%	9.1%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT E-5**

Total Citations ¹ : 5,369	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.3%	Citations per 1000	
	Passing through:	77.7%	18 + residents:	9.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,303)				ITP Stops ³ (N = 1,846)			
Mean age				Mean age			
45.15				43.79			
Gender %				Gender %			
Female 46.2%				Female 48.4%			
Male 53.7%				Male 51.4%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 4.5%				Race % Mis/Unk ⁴ 4.5%			
AA/Black 24.9%				AA/Black 27.2%			
Hispanic 15.5%				Hispanic 15.4%			
White 55.4%				White 52.6%			
Other 4.3%				Other 4.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	24.9%	25.2%	-0.3%	AA/Black	24.9%	14.4%	10.5%
Hispanic	15.5%	19.8%	-4.3%	Hispanic	15.5%	14.5%	1.0%
White	55.4%	44.5%	10.9%	White	55.4%	66.4%	-11.0%
Other	4.3%	15.4%	-11.1%	Other	4.3%	4.6%	-0.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,129	42.8%	53.7%	NW	764	45.9%	52.9%
White	2,668	57.2%	46.3%	White	848	54.1%	47.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .021* sig.			
Odds ratio Exp(B) ⁷ : .663 sig.				Odds ratio Exp(B) ⁷ : .734* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	92.2%	4.9%	2.7%	0.2%	NW	7	N/A
Hispanic	89.0%	8.5%	2.4%	0.1%	White	3	N/A
White	95.5%	3.7%	0.7%	0.1%			
Other	94.5%	5.5%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT E-13**

Total Citations ¹ : 1,349	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.6%	Citations per 1000	
	Passing through:	86.4%	18 + residents:	2.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,304)				ITP Stops ³ (N = 926)			
Mean age				Mean age			
35.66				35.33			
Gender %				Gender %			
Female 36.7%				Female 36.9%			
Male 63.3%				Male 63.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.9%				Race % Mis/Unk ⁴ 1.5%			
AA/Black 45.6%				AA/Black 45.3%			
Hispanic 26.5%				Hispanic 26.1%			
White 23.0%				White 22.9%			
Other 4.9%				Other 5.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	45.6%	25.2%	20.4%	AA/Black	45.6%	14.4%	31.2%
Hispanic	26.5%	19.8%	6.7%	Hispanic	26.5%	14.5%	12.0%
White	23.0%	44.5%	-21.5%	White	23.0%	66.4%	-43.4%
Other	4.9%	15.4%	-10.5%	Other	4.9%	4.6%	0.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	899	75.7%	81.3%	NW	647	75.9%	80.3%
White	260	24.3%	18.7%	White	188	24.1%	19.7%
Chi-square, X-tab ⁶ :		.033*	sig.	Chi-square, X-tab ⁶ :		.146	not sig.
Odds ratio Exp(B) ⁷ :		.708	not sig.	Odds ratio Exp(B) ⁷ :		.836	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	86.5%	7.8%	5.0%	0.7%	NW	4	N/A
Hispanic	85.1%	7.3%	7.6%	0.0%	White	0	N/A
White	91.8%	5.3%	3.0%	0.0%			
Other	98.4%	0.0%	1.6%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.010*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT E-18**

Total Citations ¹ : 4,381	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	32.6%	Citations per 1000	
	Passing through:	67.4%	18 + residents:	7.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,259)				ITP Stops ³ (N = 2,527)			
Mean age				Mean age			
38.47				37.69			
Gender %				Gender %			
Female 38.7%				Female 38.2%			
Male 61.1%				Male 61.8%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.0%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 56.5%				AA/Black 55.6%			
Hispanic 22.4%				Hispanic 25.1%			
White 19.3%				White 17.6%			
Other 1.8%				Other 1.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	56.5%	25.2%	31.3%	AA/Black	56.5%	14.4%	42.1%
Hispanic	22.4%	19.8%	2.6%	Hispanic	22.4%	14.5%	7.9%
White	19.3%	44.5%	-25.2%	White	19.3%	66.4%	-47.1%
Other	1.8%	15.4%	-13.6%	Other	1.8%	4.6%	-2.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,013	80.2%	81.6%	NW	1,865	83.3%	80.2%	NW	1,865	83.3%	80.2%
White	725	19.8%	18.4%	White	396	16.7%	19.8%	White	396	16.7%	19.8%
Chi-square, X-tab ⁶ : .330 not sig.				Chi-square, X-tab ⁶ : .092 not sig.				Chi-square, X-tab ⁶ : .092 not sig.			
Odds ratio Exp(B) ⁷ : .882 not sig.				Odds ratio Exp(B) ⁷ : 1.064 not sig.				Odds ratio Exp(B) ⁷ : 1.064 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	90.2%	5.5%	3.9%	0.4%	NW	9	N/A
Hispanic	86.6%	8.2%	4.4%	0.9%	White	3	N/A
White	91.9%	3.9%	3.7%	0.5%			
Other	98.6%	1.4%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .002* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT SPECIAL OPERATIONS UNIT**

Total Citations ¹ : 4,324	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	7.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,286)				ITP Stops ³ (N = 208)			
Mean age				Mean age			
42.26				39.19			
Gender %				Gender %			
Female 37.9%				Female 30.7%			
Male 61.9%				Male 69.3%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 8.1%				Race % Mis/Unk ⁴ 19.7%			
AA/Black 32.5%				AA/Black 41.9%			
Hispanic 15.2%				Hispanic 14.4%			
White 42.0%				White 35.9%			
Other 10.3%				Other 7.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	32.5%	25.2%	7.3%	AA/Black	32.5%	14.4%	18.1%
Hispanic	15.2%	19.8%	-4.6%	Hispanic	15.2%	14.5%	0.7%
White	42.0%	44.5%	-2.5%	White	42.0%	66.4%	-24.4%
Other	10.3%	15.4%	-5.1%	Other	10.3%	4.6%	5.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,184	58.0%	60.4%	NW	99	72.9%	56.9%
White	1,576	42.0%	39.6%	White	51	27.1%	43.1%
Chi-square, X-tab ⁶ :		.498	not sig.	Chi-square, X-tab ⁶ :		.040*	sig.
Odds ratio Exp(B) ⁷ :		.921	not sig.	Odds ratio Exp(B) ⁷ :		1.470	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.6%	21.4%	2.6%	0.4%	NW	1	N/A
Hispanic	74.6%	24.4%	1.0%	0.0%	White	1	N/A
White	77.5%	21.8%	0.7%	0.1%			
Other	75.6%	24.2%	0.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ALL BOSTON POLICE DEPARTMENT**

Total Citations ¹ : 31,987	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.4%	Citations per 1000	
	Passing through:	76.6%	18 + residents:	54.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 31,987)				ITP Stops ³ (N = 10,881)			
Mean age				Mean age			
40.08				38.61			
Gender %				Gender %			
Female 37.5%				Female 37.7%			
Male 62.4%				Male 62.3%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 7.3%				Race % Mis/Unk ⁴ 5.4%			
AA/Black 38.8%				AA/Black 42.4%			
Hispanic 16.8%				Hispanic 17.6%			
White 38.6%				White 35.2%			
Other 5.8%				Other 4.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	38.8%	25.2%	13.6%	AA/Black	38.8%	14.4%	24.4%
Hispanic	16.8%	19.8%	-3.0%	Hispanic	16.8%	14.5%	2.3%
White	38.6%	44.5%	-5.9%	White	38.6%	66.4%	-27.8%
Other	5.8%	15.4%	-9.6%	Other	5.8%	4.6%	1.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16,227	58.1%	70.3%	NW	5,851	64.4%	66.6%
White	10,260	41.9%	29.7%	White	3,132	35.6%	33.4%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .042* sig.			
Odds ratio Exp(B) ⁷ : .589* sig.				Odds ratio Exp(B) ⁷ : .809* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.8%	10.0%	6.5%	0.8%	NW	148	76.7%
Hispanic	80.1%	14.9%	4.3%	0.7%	White	45	23.3%
White	88.1%	9.0%	2.8%	0.2%			
Other	84.5%	14.2%	1.2%	0.1%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS STATE POLICE

2021 Massachusetts State Police Troop Boundaries³⁸

State Police Troop A-1: Andover, Dracut, Dunstable, Lawrence, Lowell, Methuen, North Andover, North Reading, Reading, Tewksbury, Tyngsborough, and Wilmington

State Police Troop A-2: Amesbury, Boxford, Georgetown, Groveland, Hamilton, Haverhill, Ipswich, Merrimac, Newbury, Newburyport, Rowley, Salisbury, Topsfield, and West Newbury

State Police Troop A-3: Acton, Bedford, Billerica, Boxborough, Carlisle, Chelmsford, Concord, Lexington, Lincoln, Littleton, Maynard, Stow, and Westford

State Police Troop A-4: Arlington, Burlington, Everett, Malden, Medford, Melrose, Somerville, Stoneham, Winchester, and Woburn

State Police Troop A-5: Chelsea, East Boston, Lynn, Revere and Winthrop

State Police Troop A-6: Beverly, Danvers, Essex, Gloucester, Lynnfield, Manchester, Marblehead, Middleton, Peabody, Rockport, Salem, Saugus, Swampscott, Wakefield, and Wenham

State Police Troop B-1: Alford, Lee, New Marlborough, Sheffield, Becket, Lenox, Otis, Stockbridge, Egremont, Monterey, Richmond, Tyringham, Great Barrington, Mount Washington, Sandisfield, and West Stockbridge

State Police Troop B-2: Ashfield, Bernardston, Buckland, Charlemont, Colrain, Conway, Deerfield, Gill, Greenfield, Hawley, Heath, Leyden, Monroe, Montague, Northfield, Rowe, and Shelburne

State Police Troop B-3: Agawam, Chicopee, East Longmeadow, Hampden, Longmeadow, Ludlow, Springfield, West Springfield, and Wilbraham

State Police Troop B-4: Adams, Cheshire, Clarksburg, Dalton, Florida, Hancock, Hinsdale, Lanesborough, New Ashford, North Adams, Peru, Pittsfield, Savoy, Washington, Williamstown, and Windsor

State Police Troop B-5: Blandford, Chester, Granville, Huntington, Middlefield, Montgomery, Russell, Southwick, Tolland, Westfield, and Worthington

State Police Troop B-6: Amherst, Chesterfield, Cummington, Easthampton, Goshen, Hadley, Hatfield, Holyoke, Leverett, Northampton, Plainfield, Southampton, South Hadley, Sunderland, Westhampton, Whately, and Williamsburg

³⁸Massachusetts State Police Troop boundary information obtained from: <https://www.mass.gov/info-details/massachusetts-state-police-troop-boundaries>

State Police Troop B-8: Responsible for patrolling the western most section of the Massachusetts Turnpike from the Ludlow-Chicopee town line to the New York State border.

State Police Troop C-1: Athol, Ashburnham, Erving, Gardner, Hubbardston, New Salem, Orange, Petersham, Phillipston, Royalston, Templeton, Warwick, Wendell, Westminster and Winchendon

State Police Troop C-2: Bellingham, Blackstone, Douglas, Grafton, Hopedale, Hopkinton, Marlborough, Mendon, Milford, Millbury, Millville, Northborough, Northbridge, Shrewsbury, Southborough, Sutton, Upton, Uxbridge and Westborough

State Police Troop C-3: Barre, Brookfield, East Brookfield, Leicester, New Braintree, North Brookfield, Oakham, Paxton, Spencer, Warren and West Brookfield

State Police Troop C-4: Ashby, Ayer, Berlin, Bolton, Fitchburg, Groton, Harvard, Hudson, Lancaster, Leominster, Lunenburg, Pepperell, Shirley and Townsend

State Police Troop C-5: Auburn, Brimfield, Charlton, Dudley, Holland, Monson, Oxford, Palmer, Southbridge, Sturbridge, Wales and Webster

State Police Troop C-6: Boylston, Clinton, Holden, Princeton, Rutland, Sterling, West Boylston and Worcester

State Police Troop C-7: Belchertown, Granby, Hardwick, Pelham, Shutesbury and Ware

State Police Troop C-9: Devens Commerce Center (near Ayer)

State Police Troop C-10: **No info available**

State Police Troop D-1: Abington, Cohasset, Duxbury, Hanover, Hanson, Hingham, Hull, North Kingston, North Marshfield, Norwell, Pembroke, Rockland, Scituate, Weymouth and Whitman

State Police Troop D-2: Barnstable, Brewster, Chatham, Dennis, Eastham, Harwich, Orleans, Provincetown, Truro, Wellfleet and Yarmouth

State Police Troop D-3: Acushnet, Dartmouth, Fairhaven, Fall River, Freetown, New Bedford, Somerset, Swansea and Westport

State Police Troop D-4: Berkley, Bridgewater, Brockton, Carver, Dighton, East Bridgewater, Easton, Halifax, Lakeville, Middleborough, Plympton, Raynham, Rehoboth, Seekonk, Taunton and West Bridgewater

State Police Troop D-6: Chilmark, Edgartown, Gay Head, Gosnold, Oak Bluffs and West Tisbury

State Police Troop D-7: Island of Nantucket

State Police Troop F: Logan Airport

State Police Troop H-2: The primary and high profile patrol area for SP Framingham is the Route 128 beltway around Boston, known as the Yankee Highway.

State Police Troop H-3: Their jurisdiction lies in several areas. It extends to the south on Route 95 to the Rhode Island border and on Route 495 to the Norton town line (this is Troop D). The barracks's boundaries then extend to the north on Route 95 to the Route 128/93 Interchange in Canton, and to the west on Route 495 to the Bellingham town line.

State Police Troop H-4: Station H-4, SP Boston Barracks is located at a major intersection which links Boston with the western suburbs and many other major interstate highways.

State Police Troop H-5: Station H-5, SP Brighton Barracks, patrols mostly DCR and state roadways and parks along the Charles River in the Boston and Cambridge areas.

State Police Troop H-6: Station H-6, SP South Boston Barracks shares the building complex with H Troop Headquarters on Day Boulevard at the head of Carson Beach in South Boston.

State Police Troop H-7: Station H-7, SP Milton Barracks is located at the foot of the Blue Hills Reservation, which includes Houghton's Pond, the Blue Hills Observatory, Chickatawbut Overlook, the Blue Hills Ski Area and the Trailside Museum.

State Police Troop H-8: SP Weston provides coverage up to the Allston-Brighton tolls on the Boston Extension and the Tunnel Division, or H-9, maintains jurisdiction for the remainder of Route 90 east of IC-19.

State Police Troop H-9: The Tunnels barracks covers 45 miles of highways, including all Big Dig roadways and the intricate system of highways, tunnels, ramps, and connectors.

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE ACADEMY**

Total Citations ¹ : 1,577	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,504)				ITP Stops ³ (N = 585)			
Mean age				Mean age			
35.74				35.8			
Gender %				Gender %			
Female 31.6%				Female 30.6%			
Male 68.4%				Male 69.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 18.2%				AA/Black 16.1%			
Hispanic 18.7%				Hispanic 17.8%			
White 56.8%				White 60.1%			
Other 6.3%				Other 6.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.2%	N/A	N/A	AA/Black	18.2%	14.4%	3.8%
Hispanic	18.7%	N/A	N/A	Hispanic	18.7%	14.5%	4.2%
White	56.8%	N/A	N/A	White	56.8%	66.4%	-9.6%
Other	6.3%	N/A	N/A	Other	6.3%	4.6%	1.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	631	38.2%	53.6%	NW	220	39.1%	44.0%
White	815	61.8%	46.4%	White	321	60.9%	56.0%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.282	not sig.
Odds ratio Exp(B) ⁷ :		.494*	sig.	Odds ratio Exp(B) ⁷ :		.825	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.7%	29.4%	16.3%	3.5%	NW	12	N/A
Hispanic	40.1%	42.8%	13.0%	4.1%	White	12	N/A
White	51.0%	39.7%	6.4%	2.9%			
Other	56.4%	38.3%	4.3%	1.1%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE COMMERCIAL VEHICLE ENFORCEMENT**

Total Citations ¹ : 4,735	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,671)				ITP Stops ³ (N = 1,451)			
Mean age				Mean age			
37.99				37.56			
Gender %				Gender %			
Female 16.9%				Female 16.1%			
Male 83.1%				Male 83.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 46.6%				Race % Mis/Unk ⁴ 44.2%			
AA/Black 15.6%				AA/Black 16.4%			
Hispanic 20.1%				Hispanic 19.8%			
White 61.2%				White 61.1%			
Other 3.1%				Other 2.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.6%	N/A	N/A	AA/Black	15.6%	14.4%	1.2%
Hispanic	20.1%	N/A	N/A	Hispanic	20.1%	14.5%	5.6%
White	61.2%	N/A	N/A	White	61.2%	66.4%	-5.2%
Other	3.1%	N/A	N/A	Other	3.1%	4.6%	-1.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	928	37.1%	47.5%	NW	274	35.2%	48.1%
White	1,483	62.9%	52.5%	White	448	64.8%	51.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .003* sig.			
Odds ratio Exp(B) ⁷ : .616* sig.				Odds ratio Exp(B) ⁷ : .437* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	37.7%	52.9%	8.4%	1.0%	NW	4	N/A
Hispanic	28.2%	62.3%	8.5%	1.0%	White	1	N/A
White	43.8%	53.2%	2.3%	0.7%			
Other	28.7%	67.5%	3.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE COMMUNITY ACTION**

Total Citations ¹ : 1,242	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,227)				ITP Stops ³ (N = 489)			
Mean age				Mean age			
34.59				35.12			
Gender %				Gender %			
Female 27.9%				Female 30.0%			
Male 72.1%				Male 70.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 27.3%				AA/Black 30.0%			
Hispanic 20.0%				Hispanic 20.2%			
White 45.2%				White 44.1%			
Other 7.4%				Other 5.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	27.3%	N/A	N/A	AA/Black	27.3%	14.4%	12.9%
Hispanic	20.0%	N/A	N/A	Hispanic	20.0%	14.5%	5.5%
White	45.2%	N/A	N/A	White	45.2%	66.4%	-21.2%
Other	7.4%	N/A	N/A	Other	7.4%	4.6%	2.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	643	50.6%	59.5%	NW	255	56.4%	55.1%
White	534	49.4%	40.5%	White	204	43.6%	44.9%
Chi-square, X-tab ⁶ :		.002*	sig.	Chi-square, X-tab ⁶ :		.794	not sig.
Odds ratio Exp(B) ⁷ :		.752*	sig.	Odds ratio Exp(B) ⁷ :		1.404	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.0%	32.5%	11.3%	2.1%	NW	2	N/A
Hispanic	47.8%	39.2%	11.8%	1.2%	White	4	N/A
White	58.8%	36.3%	4.7%	0.2%			
Other	59.3%	37.4%	2.2%	1.1%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASSACHUSETTS STATE POLICE MOTORCYCLE SECTION

Total Citations ¹ : 889	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 879)				ITP Stops ³ (N = 182)			
Mean age				Mean age			
38.13				39.66			
Gender %				Gender %			
Female 32.6%				Female 36.7%			
Male 67.4%				Male 63.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		0.1%				0.5%	
AA/Black		22.4%		AA/Black		17.7%	
Hispanic		11.2%		Hispanic		13.3%	
White		60.3%		White		65.7%	
Other		6.2%		Other		3.3%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	22.4%	N/A	N/A	AA/Black	22.4%	14.4%	8.0%
Hispanic	11.2%	N/A	N/A	Hispanic	11.2%	14.5%	-3.3%
White	60.3%	N/A	N/A	White	60.3%	66.4%	-6.1%
Other	6.2%	N/A	N/A	Other	6.2%	4.6%	1.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	344	39.2%	44.4%	NW	58	35.7%	27.6%
White	520	60.8%	55.6%	White	111	64.3%	72.4%
Chi-square, X-tab ⁶ :		.317	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.401	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.806	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.673	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.5%	30.0%	3.5%	0.0%	NW	0	N/A
Hispanic	63.3%	31.6%	5.1%	0.0%	White	3	N/A
White	76.7%	21.3%	1.9%	0.2%			
Other	63.0%	37.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.017*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE MV REGULATORY SECTION**

Total Citations ¹ : 168	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Citations per 1000			
	Passing through:		N/A	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 164)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
34.17				N/A			
Gender %				Gender %			
Female		26.7%		Female		N/A	
Male		73.3%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴ 2.4%		Race %		Mis/Unk ⁴ N/A	
AA/Black		25.0%		AA/Black		N/A	
Hispanic		11.9%		Hispanic		N/A	
White		58.1%		White		N/A	
Other		5.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	25.0%	N/A	N/A	AA/Black	25.0%	14.4%	10.6%
Hispanic	11.9%	N/A	N/A	Hispanic	11.9%	14.5%	-2.6%
White	58.1%	N/A	N/A	White	58.1%	66.4%	-8.3%
Other	5.0%	N/A	N/A	Other	5.0%	4.6%	0.4%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	66	40.4%	46.8%	NW	N/A	N/A	N/A
White	90	59.6%	53.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.455	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.766	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	34.1%	48.8%	9.8%	7.3%	NW	1	N/A
Hispanic	35.0%	40.0%	15.0%	10.0%	White	0	N/A
White	44.7%	52.1%	2.1%	1.1%			
Other	37.5%	62.5%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.109	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE GENERAL HEADQUARTERS**

Total Citations ¹ : 2,570	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,494)				ITP Stops ³ (N = 706)			
Mean age				Mean age			
35.75				35.42			
Gender %				Gender %			
Female		30.3%		Female		30.0%	
Male		69.6%		Male		70.0%	
Non-binary		0.1%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 3.2%		Race %		Mis/Unk ⁴ 1.8%	
AA/Black		16.9%		AA/Black		15.3%	
Hispanic		17.2%		Hispanic		19.2%	
White		60.1%		White		58.7%	
Other		5.8%		Other		6.8%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.9%	N/A	N/A	AA/Black	16.9%	14.4%	2.5%
Hispanic	17.2%	N/A	N/A	Hispanic	17.2%	14.5%	2.7%
White	60.1%	N/A	N/A	White	60.1%	66.4%	-6.3%
Other	5.8%	N/A	N/A	Other	5.8%	4.6%	1.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	891	32.9%	49.2%	NW	256	36.8%	51.0%
White	1,368	67.1%	50.8%	White	361	63.2%	49.0%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.001*	sig.
Odds ratio Exp(B) ⁷ :		.515*	sig.	Odds ratio Exp(B) ⁷ :		.663*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	37.3%	41.5%	16.7%	4.5%	NW	6	N/A
Hispanic	38.4%	47.4%	11.4%	2.8%	White	1	N/A
White	45.4%	45.0%	7.7%	1.8%			
Other	40.6%	51.0%	6.3%	2.1%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A HEADQUARTERS**

Total Citations ¹ : 3,698	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,616)				ITP Stops ³ (N = 1,399)			
Mean age				Mean age			
35.14				35.21			
Gender %				Gender %			
Female 27.0%				Female 27.2%			
Male 73.0%				Male 72.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 1.5%			
AA/Black 9.9%				AA/Black 9.0%			
Hispanic 25.4%				Hispanic 27.0%			
White 61.0%				White 59.8%			
Other 3.7%				Other 4.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.9%	N/A	N/A	AA/Black	9.9%	14.4%	-4.5%
Hispanic	25.4%	N/A	N/A	Hispanic	25.4%	14.5%	10.9%
White	61.0%	N/A	N/A	White	61.0%	66.4%	-5.4%
Other	3.7%	N/A	N/A	Other	3.7%	4.6%	-0.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,342	34.0%	47.8%	NW	508	35.6%	46.5%
White	2,091	66.0%	52.2%	White	755	64.4%	53.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .573* sig.				Odds ratio Exp(B) ⁷ : .713* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	71.6%	17.8%	6.0%	4.6%	NW	4	N/A
Hispanic	64.4%	22.8%	9.0%	3.8%	White	16	N/A
White	60.9%	31.0%	5.8%	2.3%			
Other	68.4%	27.2%	4.4%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-1**

Total Citations ¹ : 6,714	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,817)				ITP Stops ³ (N = 1,365)			
Mean age				Mean age			
35.09				35.82			
Gender %				Gender %			
Female 28.2%				Female 26.6%			
Male 71.7%				Male 73.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.1%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 10.9%				AA/Black 9.7%			
Hispanic 32.6%				Hispanic 29.3%			
White 50.5%				White 55.5%			
Other 6.1%				Other 5.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	10.9%	N/A	N/A	AA/Black	10.9%	14.4% -3.5%
Hispanic	32.6%	N/A	N/A	Hispanic	32.6%	14.5% 18.1%
White	50.5%	N/A	N/A	White	50.5%	66.4% -15.9%
Other	6.1%	N/A	N/A	Other	6.1%	4.6% 1.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,720	42.0%	56.7%	NW	530	43.6%	47.1%
White	2,743	58.0%	43.3%	White	648	56.4%	52.9%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.245	not sig.
Odds ratio Exp(B) ⁷ :		.557*	sig.	Odds ratio Exp(B) ⁷ :		.865	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.0%	24.3%	13.2%	3.5%	NW	42	N/A
Hispanic	61.5%	23.0%	12.5%	3.0%	White	39	N/A
White	62.0%	27.8%	7.1%	3.1%			
Other	65.6%	29.2%	4.7%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-2**

Total Citations ¹ : 5,649	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,391)				ITP Stops ³ (N = 2,072)			
Mean age				Mean age			
36.47				36.83			
Gender %				Gender %			
Female 33.2%				Female 31.2%			
Male 66.8%				Male 68.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 6.8%				AA/Black 5.7%			
Hispanic 15.4%				Hispanic 15.3%			
White 74.1%				White 76.1%			
Other 3.7%				Other 2.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.8%	N/A	N/A	AA/Black	6.8%	14.4%	-7.6%
Hispanic	15.4%	N/A	N/A	Hispanic	15.4%	14.5%	0.9%
White	74.1%	N/A	N/A	White	74.1%	66.4%	7.7%
Other	3.7%	N/A	N/A	Other	3.7%	4.6%	-0.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,295	22.3%	31.8%	NW	409	24.2%	21.8%
White	3,722	77.7%	68.2%	White	1,341	75.8%	78.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .280 not sig.			
Odds ratio Exp(B) ⁷ : .583* sig.				Odds ratio Exp(B) ⁷ : 1.095 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.6%	24.2%	12.1%	3.1%	NW	13	N/A
Hispanic	53.4%	25.4%	17.9%	3.3%	White	30	N/A
White	67.5%	25.5%	5.0%	2.0%			
Other	63.1%	32.5%	3.0%	1.5%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-3**

Total Citations ¹ : 6,226	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,586)				ITP Stops ³ (N = 1,601)			
Mean age				Mean age			
35.26				35.29			
Gender %				Gender %			
Female 27.8%				Female 25.7%			
Male 72.2%				Male 74.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 2.4%			
AA/Black 14.9%				AA/Black 10.2%			
Hispanic 17.9%				Hispanic 19.1%			
White 57.6%				White 61.8%			
Other 9.6%				Other 8.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.9%	N/A	N/A	AA/Black	14.9%	14.4%	0.5%
Hispanic	17.9%	N/A	N/A	Hispanic	17.9%	14.5%	3.4%
White	57.6%	N/A	N/A	White	57.6%	66.4%	-8.8%
Other	9.6%	N/A	N/A	Other	9.6%	4.6%	5.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,224	38.2%	47.7%	NW	532	39.1%	36.1%
White	3,009	61.8%	52.3%	White	869	60.9%	63.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .262 not sig.			
Odds ratio Exp(B) ⁷ : .670* sig.				Odds ratio Exp(B) ⁷ : 1.130 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.2%	20.2%	8.7%	4.9%	NW	20	N/A
Hispanic	55.0%	24.5%	17.0%	3.5%	White	12	N/A
White	68.1%	24.0%	6.1%	1.8%			
Other	67.7%	26.6%	4.7%	1.1%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-4**

Total Citations ¹ : 4,344	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,690)				ITP Stops ³ (N = 718)			
Mean age				Mean age			
36.52				37.2			
Gender %				Gender %			
Female 26.7%				Female 25.5%			
Male 73.3%				Male 74.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 20.2%				AA/Black 14.1%			
Hispanic 26.6%				Hispanic 25.9%			
White 42.6%				White 50.0%			
Other 10.5%				Other 10.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	20.2%	N/A	N/A	AA/Black	20.2%	14.4%	5.8%
Hispanic	26.6%	N/A	N/A	Hispanic	26.6%	14.5%	12.1%
White	42.6%	N/A	N/A	White	42.6%	66.4%	-23.8%
Other	10.5%	N/A	N/A	Other	10.5%	4.6%	5.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,018	46.3%	67.0%	NW	316	46.8%	54.7%
White	1,488	53.7%	33.0%	White	316	53.2%	45.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .052 not sig.			
Odds ratio Exp(B) ⁷ : .430* sig.				Odds ratio Exp(B) ⁷ : .902 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	71.9%	13.5%	13.0%	1.6%	NW	5	N/A
Hispanic	65.2%	15.6%	16.4%	2.7%	White	5	N/A
White	73.9%	16.8%	7.6%	1.7%			
Other	74.4%	19.1%	4.9%	1.6%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-5**

Total Citations ¹ : 5,192	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,802)				ITP Stops ³ (N = 1,393)			
Mean age				Mean age			
35.41				35.9			
Gender %				Gender %			
Female 27.0%				Female 27.8%			
Male 73.0%				Male 72.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.5%			
AA/Black 12.9%				AA/Black 12.0%			
Hispanic 36.1%				Hispanic 34.1%			
White 43.6%				White 46.9%			
Other 7.3%				Other 7.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.9%	N/A	N/A	AA/Black	12.9%	14.4%	-1.5%
Hispanic	36.1%	N/A	N/A	Hispanic	36.1%	14.5%	21.6%
White	43.6%	N/A	N/A	White	43.6%	66.4%	-22.8%
Other	7.3%	N/A	N/A	Other	7.3%	4.6%	2.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,601	50.2%	68.7%	NW	672	51.1%	63.1%
White	2,007	49.8%	31.3%	White	591	48.9%	36.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .001* sig.			
Odds ratio Exp(B) ⁷ : .482* sig.				Odds ratio Exp(B) ⁷ : .658* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.2%	28.3%	10.4%	2.1%	NW	38	N/A
Hispanic	44.5%	32.1%	19.6%	3.7%	White	15	N/A
White	56.5%	35.7%	6.3%	1.6%			
Other	55.4%	37.8%	4.3%	2.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-6**

Total Citations ¹ : 6,838	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,768)				ITP Stops ³ (N = 1,580)			
Mean age				Mean age			
36.86				37.13			
Gender %				Gender %			
Female 30.1%				Female 29.0%			
Male 69.9%				Male 70.9%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 3.0%				Race % Mis/Unk ⁴ 3.8%			
AA/Black 12.4%				AA/Black 10.5%			
Hispanic 19.1%				Hispanic 19.4%			
White 62.9%				White 64.7%			
Other 5.6%				Other 5.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.4%	N/A	N/A	AA/Black	12.4%	14.4%	-2.0%
Hispanic	19.1%	N/A	N/A	Hispanic	19.1%	14.5%	4.6%
White	62.9%	N/A	N/A	White	62.9%	66.4%	-3.5%
Other	5.6%	N/A	N/A	Other	5.6%	4.6%	1.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,021	30.6%	45.3%	NW	484	34.2%	37.8%
White	3,407	69.4%	54.7%	White	875	65.8%	62.2%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.178	not sig.
Odds ratio Exp(B) ⁷ :		.544*	sig.	Odds ratio Exp(B) ⁷ :		.840	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.7%	15.5%	14.6%	4.2%	NW	3	N/A
Hispanic	56.8%	17.9%	20.0%	5.2%	White	12	N/A
White	68.2%	21.0%	7.4%	3.5%			
Other	74.1%	18.7%	4.7%	2.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B HEADQUARTERS**

Total Citations ¹ : 4,286	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,205)				ITP Stops ³ (N = 2,061)			
Mean age				Mean age			
35.05				34.19			
Gender %				Gender %			
Female 35.2%				Female 33.5%			
Male 64.8%				Male 66.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 12.9%				AA/Black 12.7%			
Hispanic 28.5%				Hispanic 33.3%			
White 55.8%				White 51.8%			
Other 2.8%				Other 2.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.9%	N/A	N/A	AA/Black	12.9%	14.4%	-1.5%
Hispanic	28.5%	N/A	N/A	Hispanic	28.5%	14.5%	14.0%
White	55.8%	N/A	N/A	White	55.8%	66.4%	-10.6%
Other	2.8%	N/A	N/A	Other	2.8%	4.6%	-1.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,727	40.2%	51.0%	NW	882	49.9%	43.8%
White	2,206	59.8%	49.0%	White	958	50.1%	56.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .014* sig.			
Odds ratio Exp(B) ⁷ : .606* sig.				Odds ratio Exp(B) ⁷ : .865 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	42.0%	37.5%	18.6%	1.8%	NW	11	N/A
Hispanic	41.2%	33.3%	23.7%	1.8%	White	21	N/A
White	43.1%	48.5%	7.4%	0.9%			
Other	33.9%	64.4%	1.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-1**

Total Citations ¹ : 4,983	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,921)				ITP Stops ³ (N = 1,418)			
Mean age				Mean age			
40.09				40.29			
Gender %				Gender %			
Female 39.8%				Female 38.1%			
Male 60.2%				Male 61.8%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 8.9%				AA/Black 8.1%			
Hispanic 8.0%				Hispanic 6.3%			
White 78.8%				White 80.5%			
Other 4.3%				Other 5.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.9%	N/A	N/A	AA/Black	8.9%	14.4%	-5.5%
Hispanic	8.0%	N/A	N/A	Hispanic	8.0%	14.5%	-6.5%
White	78.8%	N/A	N/A	White	78.8%	66.4%	12.4%
Other	4.3%	N/A	N/A	Other	4.3%	4.6%	-0.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	996	19.6%	28.6%	NW	247	18.5%	21.7%
White	3,685	80.4%	71.4%	White	1,026	81.5%	78.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .199 not sig.			
Odds ratio Exp(B) ⁷ : .628* sig.				Odds ratio Exp(B) ⁷ : .921 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.0%	24.8%	11.7%	0.5%	NW	0	N/A
Hispanic	60.9%	25.1%	13.0%	1.0%	White	3	N/A
White	73.9%	21.5%	4.1%	0.4%			
Other	67.1%	28.1%	4.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-2**

Total Citations ¹ : 4,949	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,829)				ITP Stops ³ (N = 1,298)			
Mean age				Mean age			
37.5				37.33			
Gender %				Gender %			
Female 37.9%				Female 36.4%			
Male 62.0%				Male 63.3%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 8.0%				AA/Black 6.3%			
Hispanic 9.3%				Hispanic 9.9%			
White 79.7%				White 81.1%			
Other 3.0%				Other 2.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.0%	N/A	N/A	AA/Black	8.0%	14.4%	-6.4%
Hispanic	9.3%	N/A	N/A	Hispanic	9.3%	14.5%	-5.2%
White	79.7%	N/A	N/A	White	79.7%	66.4%	13.3%
Other	3.0%	N/A	N/A	Other	3.0%	4.6%	-1.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	933	18.2%	24.4%	NW	216	19.5%	16.3%
White	3,694	81.8%	75.6%	White	952	80.5%	83.7%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.182	not sig.
Odds ratio Exp(B) ⁷ :		.687*	sig.	Odds ratio Exp(B) ⁷ :		.848	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.1%	19.1%	18.3%	2.5%	NW	17	N/A
Hispanic	60.6%	22.9%	14.1%	2.4%	White	28	N/A
White	73.4%	18.7%	5.9%	2.1%			
Other	69.5%	27.7%	2.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-3**

Total Citations ¹ : 6,535	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 6,061)				ITP Stops ³ (N = 1,686)			
Mean age				Mean age			
33.3				32.3			
Gender %				Gender %			
Female 30.8%				Female 28.2%			
Male 69.2%				Male 71.7%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 0.8%				Race % Mis/Unk ⁴ 0.5%			
AA/Black 21.1%				AA/Black 21.4%			
Hispanic 42.1%				Hispanic 46.9%			
White 33.8%				White 29.6%			
Other 3.0%				Other 2.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	21.1%	N/A	N/A	AA/Black	21.1%	14.4%	6.7%
Hispanic	42.1%	N/A	N/A	Hispanic	42.1%	14.5%	27.6%
White	33.8%	N/A	N/A	White	33.8%	66.4%	-32.6%
Other	3.0%	N/A	N/A	Other	3.0%	4.6%	-1.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,858	60.1%	74.0%	NW	1,061	67.8%	73.4%
White	1,968	39.9%	26.0%	White	445	32.2%	26.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .017* sig.			
Odds ratio Exp(B) ⁷ : .537* sig.				Odds ratio Exp(B) ⁷ : .782 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.4%	23.6%	20.6%	5.4%	NW	14	N/A
Hispanic	49.2%	20.7%	24.4%	5.7%	White	16	N/A
White	56.9%	28.8%	9.6%	4.8%			
Other	56.7%	34.5%	8.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-4**

Total Citations ¹ : 2,984	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,925)				ITP Stops ³ (N = 902)			
Mean age				Mean age			
37.61				37.41			
Gender %				Gender %			
Female 37.4%				Female 37.7%			
Male 62.6%				Male 62.3%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 8.6%				AA/Black 7.2%			
Hispanic 5.0%				Hispanic 5.0%			
White 85.2%				White 86.7%			
Other 1.1%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.6%	N/A	N/A	AA/Black	8.6%	14.4%	-5.8%
Hispanic	5.0%	N/A	N/A	Hispanic	5.0%	14.5%	-9.5%
White	85.2%	N/A	N/A	White	85.2%	66.4%	18.8%
Other	1.1%	N/A	N/A	Other	1.1%	4.6%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	409	10.8%	20.8%	NW	104	10.0%	16.7%
White	2,369	89.2%	79.2%	White	691	90.0%	83.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .006* sig.			
Odds ratio Exp(B) ⁷ : .449* sig.				Odds ratio Exp(B) ⁷ : .702 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.4%	15.0%	13.8%	2.8%	NW	6	N/A
Hispanic	67.1%	13.4%	14.1%	5.4%	White	2	N/A
White	75.0%	16.6%	7.5%	0.9%			
Other	87.9%	12.1%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-5**

Total Citations ¹ : 1,904	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,837)				ITP Stops ³ (N = 578)			
Mean age				Mean age			
34.65				36.22			
Gender %				Gender %			
Female 32.1%				Female 29.8%			
Male 67.7%				Male 70.0%			
Non-binary 0.2%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 2.4%			
AA/Black 7.9%				AA/Black 6.0%			
Hispanic 17.6%				Hispanic 16.3%			
White 71.6%				White 73.6%			
Other 2.9%				Other 4.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.9%	N/A	N/A	AA/Black	7.9%	14.4%	-6.5%
Hispanic	17.6%	N/A	N/A	Hispanic	17.6%	14.5%	3.1%
White	71.6%	N/A	N/A	White	71.6%	66.4%	5.2%
Other	2.9%	N/A	N/A	Other	2.9%	4.6%	-1.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	491	24.5%	32.4%	NW	132	22.3%	31.4%
White	1,238	75.5%	67.6%	White	376	77.7%	68.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .021* sig.			
Odds ratio Exp(B) ⁷ : .672* sig.				Odds ratio Exp(B) ⁷ : .604* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.2%	20.3%	16.2%	1.4%	NW	0	N/A
Hispanic	61.2%	15.1%	22.8%	0.9%	White	3	N/A
White	72.7%	16.6%	9.2%	1.4%			
Other	63.0%	20.4%	13.0%	3.7%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-6**

Total Citations ¹ : 8,373	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 8,182)				ITP Stops ³ (N = 2,752)			
Mean age				Mean age			
36.07				35.18			
Gender %				Gender %			
Female 37.5%				Female 35.9%			
Male 62.4%				Male 64.0%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 10.7%				AA/Black 10.3%			
Hispanic 23.0%				Hispanic 24.3%			
White 63.0%				White 61.7%			
Other 3.4%				Other 3.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	10.7%	N/A	N/A	AA/Black	10.7%	14.4% -3.7%
Hispanic	23.0%	N/A	N/A	Hispanic	23.0%	14.5% 8.5%
White	63.0%	N/A	N/A	White	63.0%	66.4% -3.4%
Other	3.4%	N/A	N/A	Other	3.4%	4.6% -1.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,868	34.9%	42.1%	NW	928	40.3%	34.5%
White	4,872	65.1%	57.9%	White	1,481	59.7%	65.5%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.007*	sig.
Odds ratio Exp(B) ⁷ :		.713*	sig.	Odds ratio Exp(B) ⁷ :		1.016	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	51.7%	35.5%	11.4%	1.4%	NW	8	N/A
Hispanic	46.5%	32.8%	18.2%	2.5%	White	30	N/A
White	55.8%	37.4%	5.3%	1.5%			
Other	43.8%	51.6%	3.2%	1.4%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-8**

Total Citations ¹ : 4,765	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,575)				ITP Stops ³ (N = 1,471)			
Mean age				Mean age			
35.62				35.58			
Gender %				Gender %			
Female 36.2%				Female 36.6%			
Male 63.7%				Male 63.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.6%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 14.0%				AA/Black 14.2%			
Hispanic 19.8%				Hispanic 20.2%			
White 61.5%				White 60.9%			
Other 4.8%				Other 4.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	14.0%	N/A	N/A	AA/Black	14.0%	-0.4%
Hispanic	19.8%	N/A	N/A	Hispanic	19.8%	5.3%
White	61.5%	N/A	N/A	White	66.4%	-4.9%
Other	4.8%	N/A	N/A	Other	4.6%	0.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,645	35.4%	44.3%	NW	493	37.1%	41.2%
White	2,648	64.6%	55.7%	White	793	62.9%	58.8%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.168	not sig.
Odds ratio Exp(B) ⁷ :		.681*	sig.	Odds ratio Exp(B) ⁷ :		.723*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.8%	20.4%	13.8%	3.0%	NW	4	N/A
Hispanic	59.7%	22.7%	15.8%	1.9%	White	3	N/A
White	66.7%	25.9%	5.6%	1.8%			
Other	59.4%	35.6%	3.2%	1.8%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C HEADQUARTERS**

Total Citations ¹ : 3,976	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,948)				ITP Stops ³ (N = 1,462)			
Mean age				Mean age			
35.76				35.12			
Gender %				Gender %			
Female 29.1%				Female 28.5%			
Male 70.8%				Male 71.4%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 11.0%				AA/Black 10.8%			
Hispanic 19.9%				Hispanic 20.6%			
White 63.6%				White 62.8%			
Other 5.6%				Other 5.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.0%	N/A	N/A	AA/Black	11.0%	14.4%	-3.4%
Hispanic	19.9%	N/A	N/A	Hispanic	19.9%	14.5%	5.4%
White	63.6%	N/A	N/A	White	63.6%	66.4%	-2.8%
Other	5.6%	N/A	N/A	Other	5.6%	4.6%	1.0%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,357	34.4%	45.7%	NW	481	34.5%	43.0%
White	2,401	65.6%	54.3%	White	834	65.5%	57.0%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.006*	sig.
Odds ratio Exp(B) ⁷ :		.626*	sig.	Odds ratio Exp(B) ⁷ :		.570*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	48.7%	39.1%	11.0%	1.1%	NW	26	N/A
Hispanic	42.8%	42.3%	13.7%	1.2%	White	25	N/A
White	53.1%	43.2%	3.4%	0.2%			
Other	53.1%	44.8%	2.7%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-1**

Total Citations ¹ : 5,197	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,114)				ITP Stops ³ (N = 1,094)			
Mean age				Mean age			
35.48				35.28			
Gender %				Gender %			
Female 39.4%				Female 37.1%			
Male 60.6%				Male 62.8%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 0.6%			
AA/Black 7.8%				AA/Black 7.1%			
Hispanic 12.3%				Hispanic 12.3%			
White 75.7%				White 76.1%			
Other 4.2%				Other 4.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.8%	N/A	N/A	AA/Black	7.8%	14.4%	-6.6%
Hispanic	12.3%	N/A	N/A	Hispanic	12.3%	14.5%	-2.2%
White	75.7%	N/A	N/A	White	75.7%	66.4%	9.3%
Other	4.2%	N/A	N/A	Other	4.2%	4.6%	-0.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,204	24.6%	23.8%	NW	236	25.3%	21.9%
White	3,721	75.4%	76.2%	White	729	74.7%	78.1%
Chi-square, X-tab ⁶ :		.599	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.295	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		1.041	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.812	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.5%	26.0%	7.5%	1.0%	NW	4	N/A
Hispanic	60.4%	25.6%	13.2%	0.8%	White	10	N/A
White	68.9%	26.6%	3.8%	0.7%			
Other	64.8%	32.9%	2.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-2**

Total Citations ¹ : 4,694	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,437)				ITP Stops ³ (N = 1,277)			
Mean age				Mean age			
34.63				35.12			
Gender %				Gender %			
Female 32.3%				Female 32.7%			
Male 67.7%				Male 67.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 0.6%			
AA/Black 13.4%				AA/Black 9.3%			
Hispanic 21.4%				Hispanic 20.6%			
White 60.0%				White 65.6%			
Other 5.2%				Other 4.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.4%	N/A	N/A	AA/Black	13.4%	14.4%	-1.0%
Hispanic	21.4%	N/A	N/A	Hispanic	21.4%	14.5%	6.9%
White	60.0%	N/A	N/A	White	60.0%	66.4%	-6.4%
Other	5.2%	N/A	N/A	Other	5.2%	4.6%	0.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,710	33.1%	49.0%	NW	394	32.6%	35.9%
White	2,569	66.9%	51.0%	White	773	67.4%	64.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .249 not sig.			
Odds ratio Exp(B) ⁷ : .508* sig.				Odds ratio Exp(B) ⁷ : .743 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.5%	26.3%	13.0%	2.2%	NW	4	N/A
Hispanic	44.2%	30.1%	22.9%	2.8%	White	2	N/A
White	59.3%	32.4%	6.4%	1.8%			
Other	44.7%	44.7%	9.3%	1.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-3**

Total Citations ¹ : 2,701	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,621)				ITP Stops ³ (N = 578)			
Mean age				Mean age			
35.02				35.43			
Gender %				Gender %			
Female 32.9%				Female 31.1%			
Male 67.0%				Male 68.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 14.8%				AA/Black 14.0%			
Hispanic 19.0%				Hispanic 21.4%			
White 62.3%				White 61.9%			
Other 4.0%				Other 2.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.8%	N/A	N/A	AA/Black	14.8%	14.4%	0.4%
Hispanic	19.0%	N/A	N/A	Hispanic	19.0%	14.5%	4.5%
White	62.3%	N/A	N/A	White	62.3%	66.4%	-4.1%
Other	4.0%	N/A	N/A	Other	4.0%	4.6%	-0.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	942	32.4%	46.5%	NW	192	38.8%	37.3%
White	1,550	67.6%	53.5%	White	309	61.2%	62.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .738 not sig.			
Odds ratio Exp(B) ⁷ : .546* sig.				Odds ratio Exp(B) ⁷ : .928 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.3%	9.1%	23.8%	1.8%	NW	4	N/A
Hispanic	56.6%	9.4%	30.3%	3.7%	White	13	N/A
White	78.5%	10.0%	10.0%	1.5%			
Other	72.9%	12.1%	15.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-4**

Total Citations ¹ : 4,248	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,909)				ITP Stops ³ (N = 1,010)			
Mean age				Mean age			
35.5				36.61			
Gender %				Gender %			
Female 32.9%				Female 30.6%			
Male 67.0%				Male 69.3%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 11.1%				AA/Black 8.7%			
Hispanic 20.1%				Hispanic 19.7%			
White 63.9%				White 65.6%			
Other 5.0%				Other 6.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.1%	N/A	N/A	AA/Black	11.1%	14.4%	-3.3%
Hispanic	20.1%	N/A	N/A	Hispanic	20.1%	14.5%	5.6%
White	63.9%	N/A	N/A	White	63.9%	66.4%	-2.5%
Other	5.0%	N/A	N/A	Other	5.0%	4.6%	0.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,348	33.9%	40.9%	NW	310	34.5%	32.9%
White	2,387	66.1%	59.1%	White	599	65.5%	67.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .655 not sig.			
Odds ratio Exp(B) ⁷ : .754* sig.				Odds ratio Exp(B) ⁷ : 1.624* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.6%	28.0%	8.7%	0.7%	NW	7	N/A
Hispanic	51.0%	25.5%	21.2%	2.2%	White	8	N/A
White	59.4%	34.0%	5.3%	1.4%			
Other	52.7%	38.2%	7.7%	1.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-5**

Total Citations ¹ : 6,423	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 6,266)				ITP Stops ³ (N = 1,650)			
Mean age				Mean age			
35.24				35			
Gender %				Gender %			
Female 27.8%				Female 26.9%			
Male 72.2%				Male 73.0%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 12.8%				AA/Black 12.8%			
Hispanic 19.0%				Hispanic 21.3%			
White 62.1%				White 60.7%			
Other 6.1%				Other 5.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.8%	N/A	N/A	AA/Black	12.8%	14.4%	-1.6%
Hispanic	19.0%	N/A	N/A	Hispanic	19.0%	14.5%	4.5%
White	62.1%	N/A	N/A	White	62.1%	66.4%	-4.3%
Other	6.1%	N/A	N/A	Other	6.1%	4.6%	1.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,265	33.9%	44.3%	NW	566	38.8%	39.3%
White	3,734	66.1%	55.7%	White	884	61.2%	60.7%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.862	not sig.
Odds ratio Exp(B) ⁷ :		.652*	sig.	Odds ratio Exp(B) ⁷ :		.952	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.4%	18.2%	13.8%	2.6%	NW	47	N/A
Hispanic	62.8%	16.0%	18.2%	3.1%	White	38	N/A
White	75.1%	17.2%	5.9%	1.9%			
Other	69.6%	26.2%	4.0%	0.3%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-6**

Total Citations ¹ : 7,061	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 6,537)				ITP Stops ³ (N = 1,433)			
Mean age				Mean age			
34.77				35.18			
Gender %				Gender %			
Female 35.0%				Female 32.4%			
Male 65.0%				Male 67.6%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 16.6%				AA/Black 13.8%			
Hispanic 24.3%				Hispanic 24.3%			
White 54.0%				White 57.0%			
Other 5.1%				Other 5.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.6%	N/A	N/A	AA/Black	16.6%	14.4%	2.2%
Hispanic	24.3%	N/A	N/A	Hispanic	24.3%	14.5%	9.8%
White	54.0%	N/A	N/A	White	54.0%	66.4%	-12.4%
Other	5.1%	N/A	N/A	Other	5.1%	4.6%	0.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,882	43.1%	52.4%	NW	539	39.7%	52.3%
White	3,366	56.9%	47.6%	White	700	60.3%	47.7%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.000*	sig.
Odds ratio Exp(B) ⁷ :		.701*	sig.	Odds ratio Exp(B) ⁷ :		.592*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.5%	28.7%	13.3%	2.6%	NW	21	N/A
Hispanic	50.7%	30.7%	16.0%	2.6%	White	31	N/A
White	61.7%	31.9%	5.4%	1.1%			
Other	65.1%	30.3%	4.0%	0.6%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-7**

Total Citations ¹ : 3,654	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,619)				ITP Stops ³ (N = 1,093)			
Mean age				Mean age			
38.29				37.63			
Gender %				Gender %			
Female 36.3%				Female 34.5%			
Male 63.6%				Male 65.4%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.0%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 6.9%				AA/Black 6.1%			
Hispanic 9.7%				Hispanic 10.2%			
White 80.3%				White 80.7%			
Other 3.0%				Other 3.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.9%	N/A	N/A	AA/Black	6.9%	14.4%	-7.5%
Hispanic	9.7%	N/A	N/A	Hispanic	9.7%	14.5%	-4.8%
White	80.3%	N/A	N/A	White	80.3%	66.4%	13.9%
Other	3.0%	N/A	N/A	Other	3.0%	4.6%	-1.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	690	18.7%	25.3%	NW	194	19.4%	22.8%
White	2,778	81.3%	74.7%	White	772	80.6%	77.2%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.293	not sig.
Odds ratio Exp(B) ⁷ :		.681*	sig.	Odds ratio Exp(B) ⁷ :		.736	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.7%	9.9%	6.0%	2.4%	NW	3	N/A
Hispanic	74.7%	12.0%	10.6%	2.8%	White	15	N/A
White	91.0%	5.0%	3.5%	0.5%			
Other	90.0%	7.3%	2.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE C-9 (DEVENS)**

Total Citations ¹ : 534	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 515)				ITP Stops ³ (N = 125)			
Mean age				Mean age			
39.18				36.85			
Gender %				Gender %			
Female 31.6%				Female 30.4%			
Male 68.4%				Male 69.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.0%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 9.4%				AA/Black 8.9%			
Hispanic 20.6%				Hispanic 17.1%			
White 63.9%				White 65.9%			
Other 6.1%				Other 8.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.4%	N/A	N/A	AA/Black	9.4%	14.4%	-5.0%
Hispanic	20.6%	N/A	N/A	Hispanic	20.6%	14.5%	6.1%
White	63.9%	N/A	N/A	White	63.9%	66.4%	-2.5%
Other	6.1%	N/A	N/A	Other	6.1%	4.6%	1.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	174	34.9%	41.7%	NW	34	30.2%	45.5%
White	315	65.1%	58.3%	White	73	69.8%	54.5%
Chi-square, X-tab ⁶ :		.354	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.304	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.796	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.439	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	88.2%	11.8%	0.0%	0.0%	NW	0	N/A
Hispanic	88.2%	5.5%	4.5%	1.8%	White	0	N/A
White	93.7%	5.1%	0.9%	0.3%			
Other	87.9%	12.1%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.032*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-10**

Total Citations ¹ : 9,773	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 9,286)				ITP Stops ³ (N = 2,617)			
Mean age				Mean age			
33.58				33.79			
Gender %				Gender %			
Female 26.8%				Female 27.1%			
Male 73.1%				Male 72.8%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 19.2%				AA/Black 17.1%			
Hispanic 21.2%				Hispanic 19.9%			
White 52.2%				White 55.8%			
Other 7.4%				Other 7.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	19.2%	N/A	N/A	AA/Black	19.2%	14.4%	4.8%
Hispanic	21.2%	N/A	N/A	Hispanic	21.2%	14.5%	6.7%
White	52.2%	N/A	N/A	White	52.2%	66.4%	-14.2%
Other	7.4%	N/A	N/A	Other	7.4%	4.6%	2.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,194	45.9%	50.6%	NW	994	45.2%	42.2%
White	4,562	54.1%	49.4%	White	1,261	54.8%	57.8%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.162	not sig.
Odds ratio Exp(B) ⁷ :		.824*	sig.	Odds ratio Exp(B) ⁷ :		.982	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.1%	27.6%	12.8%	3.5%	NW	63	N/A
Hispanic	50.7%	25.8%	19.6%	3.8%	White	28	N/A
White	59.7%	32.9%	5.6%	1.9%			
Other	58.1%	34.3%	5.9%	1.7%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D HEADQUARTERS**

Total Citations ¹ : 6,761	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 6,665)				ITP Stops ³ (N = 1,716)			
Mean age				Mean age			
35.12				33.23			
Gender %				Gender %			
Female 34.1%				Female 25.1%			
Male 65.8%				Male 74.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.8%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 20.9%				AA/Black 22.8%			
Hispanic 13.4%				Hispanic 18.7%			
White 63.3%				White 57.0%			
Other 2.3%				Other 1.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	20.9%	N/A	N/A	AA/Black	20.9%	14.4%	6.5%
Hispanic	13.4%	N/A	N/A	Hispanic	13.4%	14.5%	-1.1%
White	63.3%	N/A	N/A	White	63.3%	66.4%	-3.1%
Other	2.3%	N/A	N/A	Other	2.3%	4.6%	-2.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,347	34.5%	45.1%	NW	637	42.2%	44.8%
White	4,080	65.5%	54.9%	White	840	57.8%	55.2%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.339	not sig.
Odds ratio Exp(B) ⁷ :		.654*	sig.	Odds ratio Exp(B) ⁷ :		.907	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	38.2%	50.4%	8.0%	3.3%	NW	84	54.2%
Hispanic	32.7%	51.2%	10.5%	5.5%	White	71	45.8%
White	40.0%	53.3%	4.6%	2.1%			
Other	23.4%	74.0%	2.6%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-1**

Total Citations ¹ : 6,380	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,953)				ITP Stops ³ (N = 1,684)			
Mean age				Mean age			
37.88				37.87			
Gender %				Gender %			
Female		35.4%		Female		32.0%	
Male		64.5%		Male		68.0%	
Non-binary		0.1%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.2%				1.5%	
AA/Black		8.6%		AA/Black		6.7%	
Hispanic		5.2%		Hispanic		6.2%	
White		83.4%		White		84.1%	
Other		2.9%		Other		3.0%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.6%	N/A	N/A	AA/Black	8.6%	14.4%	-5.8%
Hispanic	5.2%	N/A	N/A	Hispanic	5.2%	14.5%	-9.3%
White	83.4%	N/A	N/A	White	83.4%	66.4%	17.0%
Other	2.9%	N/A	N/A	Other	2.9%	4.6%	-1.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	948	14.8%	19.5%	NW	233	15.9%	15.8%
White	4,731	85.2%	80.5%	White	1,234	84.1%	84.2%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.981	not sig.
Odds ratio Exp(B) ⁷ :		.725*	sig.	Odds ratio Exp(B) ⁷ :		1.135	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.0%	24.8%	10.0%	3.1%	NW	1	N/A
Hispanic	56.0%	25.8%	13.8%	4.3%	White	3	N/A
White	69.7%	23.1%	5.5%	1.7%			
Other	69.6%	24.9%	3.9%	1.7%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-2**

Total Citations ¹ : 4,431	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,285)				ITP Stops ³ (N = 1,403)			
Mean age				Mean age			
37.21				37.04			
Gender %				Gender %			
Female 34.3%				Female 30.8%			
Male 65.7%				Male 69.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 6.4%				Race % Mis/Unk ⁴ 11.0%			
AA/Black 11.6%				AA/Black 10.9%			
Hispanic 7.8%				Hispanic 8.2%			
White 77.9%				White 78.9%			
Other 2.7%				Other 2.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.6%	N/A	N/A	AA/Black	11.6%	14.4%	-2.8%
Hispanic	7.8%	N/A	N/A	Hispanic	7.8%	14.5%	-6.7%
White	77.9%	N/A	N/A	White	77.9%	66.4%	11.5%
Other	2.7%	N/A	N/A	Other	2.7%	4.6%	-1.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	856	18.7%	28.1%	NW	235	20.4%	22.4%
White	3,010	81.3%	71.9%	White	881	79.6%	77.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .448 not sig.			
Odds ratio Exp(B) ⁷ : .601* sig.				Odds ratio Exp(B) ⁷ : 1.024 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.3%	14.7%	13.4%	2.5%	NW	11	N/A
Hispanic	51.1%	15.4%	25.4%	8.2%	White	20	N/A
White	74.1%	15.9%	7.9%	2.0%			
Other	75.9%	19.6%	2.7%	1.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-3**

Total Citations ¹ : 10,873	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 9,888)				ITP Stops ³ (N = 2,758)			
Mean age				Mean age			
34.9				34.7			
Gender %				Gender %			
Female 36.9%				Female 32.9%			
Male 63.1%				Male 67.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 18.2%				AA/Black 18.5%			
Hispanic 14.2%				Hispanic 14.2%			
White 65.6%				White 65.3%			
Other 1.9%				Other 2.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	18.2%	N/A	N/A	AA/Black	18.2%	3.8%
Hispanic	14.2%	N/A	N/A	Hispanic	14.5%	-0.3%
White	65.6%	N/A	N/A	White	66.4%	-0.8%
Other	1.9%	N/A	N/A	Other	4.6%	-2.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,270	30.3%	42.5%	NW	861	34.0%	37.5%
White	6,202	69.7%	57.5%	White	1,588	66.0%	62.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .086 not sig.			
Odds ratio Exp(B) ⁷ : .603* sig.				Odds ratio Exp(B) ⁷ : .952 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	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 ⁶ : .000* sig.							
					Counts	Percent	

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-4**

Total Citations ¹ : 7,418	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops² (N = 6,887)				ITP Stops³ (N = 1,550)			
Mean age				Mean age			
34.39				35.37			
Gender %				Gender %			
Female		32.2%		Female		32.3%	
Male		67.8%		Male		67.5%	
Non-binary		0.0%		Non-binary		0.1%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		0.9%				1.4%	
AA/Black		30.3%		AA/Black		22.0%	
Hispanic		14.9%		Hispanic		15.4%	
White		52.4%		White		60.5%	
Other		2.4%		Other		2.1%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	30.3%	N/A	N/A	AA/Black	30.3%	14.4%	15.9%
Hispanic	14.9%	N/A	N/A	Hispanic	14.9%	14.5%	0.4%
White	52.4%	N/A	N/A	White	52.4%	66.4%	-14.0%
Other	2.4%	N/A	N/A	Other	2.4%	4.6%	-2.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,184	42.3%	57.7%	NW	544	38.7%	42.3%
White	3,473	57.7%	42.3%	White	823	61.3%	57.7%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.218	not sig.
Odds ratio Exp(B) ⁷ :		.541*	sig.	Odds ratio Exp(B) ⁷ :		.780	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	52.5%	30.8%	12.2%	4.6%	NW	157	67.4%
Hispanic	46.8%	32.7%	17.4%	3.1%	White	76	32.6%
White	58.2%	32.6%	6.8%	2.4%			
Other	54.3%	38.3%	5.7%	1.7%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-5**

Total Citations ¹ : 107	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Citations per 1000			
	Passing through:		N/A	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 101)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
41.35				N/A			
Gender %				Gender %			
Female		32.3%		Female		N/A	
Male		67.7%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.0%				N/A	
AA/Black		8.2%		AA/Black		N/A	
Hispanic		3.1%		Hispanic		N/A	
White		86.7%		White		N/A	
Other		2.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.2%	N/A	N/A	AA/Black	8.2%	14.4%	-6.2%
Hispanic	3.1%	N/A	N/A	Hispanic	3.1%	14.5%	-11.4%
White	86.7%	N/A	N/A	White	86.7%	66.4%	20.3%
Other	2.0%	N/A	N/A	Other	2.0%	4.6%	-2.6%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.0%	12.5%	12.5%	0.0%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	0	N/A
White	70.3%	16.5%	9.9%	3.3%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.982	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-6**

Total Citations ¹ : 806	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Citations per 1000			
	Passing through:		N/A	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 801)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
40.54				N/A			
Gender %				Gender %			
Female		24.4%		Female		N/A	
Male		75.6%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴ 5.7%		Race %		Mis/Unk ⁴ N/A	
AA/Black		10.5%		AA/Black		N/A	
Hispanic		17.0%		Hispanic		N/A	
White		70.5%		White		N/A	
Other		2.1%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	10.5%	N/A	N/A	AA/Black	10.5%	14.4%	-3.9%
Hispanic	17.0%	N/A	N/A	Hispanic	17.0%	14.5%	2.5%
White	70.5%	N/A	N/A	White	70.5%	66.4%	4.1%
Other	2.1%	N/A	N/A	Other	2.1%	4.6%	-2.5%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	220	30.3%	26.5%	NW	N/A	N/A	N/A
White	516	69.7%	73.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.474	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.937	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	7.5%	67.5%	23.8%	1.3%	NW	0	N/A
Hispanic	3.9%	56.3%	35.9%	3.9%	White	3	N/A
White	13.1%	76.3%	8.6%	2.1%			
Other	12.5%	81.3%	6.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-7**

Total Citations ¹ : 10,140	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 9,885)				ITP Stops ³ (N = 2,845)			
Mean age				Mean age			
38.04				37.3			
Gender %				Gender %			
Female 37.9%				Female 34.7%			
Male 62.0%				Male 65.3%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 10.9%				AA/Black 9.3%			
Hispanic 7.5%				Hispanic 8.3%			
White 79.4%				White 80.3%			
Other 2.2%				Other 2.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.9%	N/A	N/A	AA/Black	10.9%	14.4%	-3.5%
Hispanic	7.5%	N/A	N/A	Hispanic	7.5%	14.5%	-7.0%
White	79.4%	N/A	N/A	White	79.4%	66.4%	13.0%
Other	2.2%	N/A	N/A	Other	2.2%	4.6%	-2.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,946	18.6%	26.5%	NW	494	18.6%	22.3%
White	7,557	81.4%	73.5%	White	2,070	81.4%	77.7%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.059	not sig.
Odds ratio Exp(B) ⁷ :		.660*	sig.	Odds ratio Exp(B) ⁷ :		.710*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.1%	34.8%	8.3%	1.8%	NW	19	N/A
Hispanic	48.3%	37.0%	13.1%	1.6%	White	35	N/A
White	58.9%	35.9%	4.0%	1.2%			
Other	60.8%	35.0%	3.7%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP F HEADQUARTERS**

Total Citations ¹ : 592	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 549)				ITP Stops ³ (N = 163)			
Mean age				Mean age			
37.41				36.99			
Gender %				Gender %			
Female 26.7%				Female 24.2%			
Male 73.3%				Male 75.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 17.3%				AA/Black 16.3%			
Hispanic 19.0%				Hispanic 16.9%			
White 55.9%				White 58.1%			
Other 7.8%				Other 8.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	17.3%	N/A	N/A	AA/Black	17.3%	14.4%	2.9%
Hispanic	19.0%	N/A	N/A	Hispanic	19.0%	14.5%	4.5%
White	55.9%	N/A	N/A	White	55.9%	66.4%	-10.5%
Other	7.8%	N/A	N/A	Other	7.8%	4.6%	3.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	226	40.8%	52.9%	NW	63	43.3%	47.4%
White	282	59.2%	47.1%	White	79	56.7%	52.6%
Chi-square, X-tab ⁶ : .011* sig.				Chi-square, X-tab ⁶ : .663 not sig.			
Odds ratio Exp(B) ⁷ : .608* sig.				Odds ratio Exp(B) ⁷ : .944 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	35.6%	42.3%	18.3%	3.8%	NW	4	N/A
Hispanic	22.5%	56.8%	18.9%	1.8%	White	1	N/A
White	38.9%	52.3%	5.9%	2.8%			
Other	34.1%	63.6%	2.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H HEADQUARTERS**

Total Citations ¹ : 344	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 329)				ITP Stops ³ (N = 147)			
Mean age				Mean age			
34.96				34.99			
Gender %				Gender %			
Female 29.9%				Female 26.9%			
Male 70.1%				Male 73.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 28.7%				AA/Black 28.3%			
Hispanic 14.8%				Hispanic 12.4%			
White 52.5%				White 55.2%			
Other 4.0%				Other 4.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	28.7%	N/A	N/A	AA/Black	28.7%	14.4% 14.3%
Hispanic	14.8%	N/A	N/A	Hispanic	14.8%	14.5% 0.3%
White	52.5%	N/A	N/A	White	52.5%	66.4% -13.9%
Other	4.0%	N/A	N/A	Other	4.0%	4.6% -0.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	146	44.3%	53.3%	NW	59	38.9%	55.8%
White	162	55.7%	46.7%	White	74	61.1%	44.2%
Chi-square, X-tab ⁶ : .132 <i>not sig.</i>				Chi-square, X-tab ⁶ : .066 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .521* <i>sig.</i>				Odds ratio Exp(B) ⁷ : .320* <i>sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.7%	15.2%	5.1%	10.1%	NW	9	N/A
Hispanic	52.8%	28.3%	5.7%	13.2%	White	1	N/A
White	59.2%	32.8%	6.3%	1.7%			
Other	69.2%	30.8%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .004* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-2**

Total Citations ¹ : 5,026	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,673)				ITP Stops ³ (N = 1,187)			
Mean age				Mean age			
35.91				36.09			
Gender %				Gender %			
Female 29.6%				Female 27.8%			
Male 70.4%				Male 72.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 25.4%				AA/Black 20.3%			
Hispanic 16.4%				Hispanic 16.5%			
White 49.8%				White 56.4%			
Other 8.4%				Other 6.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	25.4%	N/A	N/A	AA/Black	25.4%	14.4%	11.0%
Hispanic	16.4%	N/A	N/A	Hispanic	16.4%	14.5%	1.9%
White	49.8%	N/A	N/A	White	49.8%	66.4%	-16.6%
Other	8.4%	N/A	N/A	Other	8.4%	4.6%	3.8%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,269	43.0%	61.8%	NW	463	43.5%	44.2%
White	2,227	57.0%	38.2%	White	597	56.5%	55.8%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.838	not sig.
Odds ratio Exp(B) ⁷ :		.465*	sig.	Odds ratio Exp(B) ⁷ :		.904	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.4%	16.8%	10.6%	2.2%	NW	15	N/A
Hispanic	63.9%	18.3%	15.0%	2.7%	White	4	N/A
White	77.5%	18.0%	3.8%	0.7%			
Other	75.2%	22.6%	1.7%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-3**

Total Citations ¹ : 3,975	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,543)				ITP Stops ³ (N = 1,086)			
Mean age				Mean age			
34.83				35.76			
Gender %				Gender %			
Female 32.8%				Female 31.8%			
Male 67.1%				Male 68.1%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 3.8%				Race % Mis/Unk ⁴ 3.7%			
AA/Black 25.1%				AA/Black 21.0%			
Hispanic 15.9%				Hispanic 13.8%			
White 54.0%				White 60.3%			
Other 5.0%				Other 4.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	25.1%	N/A	N/A	AA/Black	25.1%	14.4%	10.7%
Hispanic	15.9%	N/A	N/A	Hispanic	15.9%	14.5%	1.4%
White	54.0%	N/A	N/A	White	54.0%	66.4%	-12.4%
Other	5.0%	N/A	N/A	Other	5.0%	4.6%	0.4%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,525	39.6%	54.5%	NW	381	37.8%	44.0%
White	1,789	60.4%	45.5%	White	583	62.2%	56.0%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .077 not sig.			
Odds ratio Exp(B) ⁷ : .541* sig.				Odds ratio Exp(B) ⁷ : .863 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.4%	26.5%	12.9%	4.3%	NW	6	N/A
Hispanic	50.7%	27.0%	19.4%	3.0%	White	2	N/A
White	63.6%	27.3%	7.1%	2.0%			
Other	67.7%	22.9%	6.3%	3.1%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-4**

Total Citations ¹ : 6,441	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,971)				ITP Stops ³ (N = 1,533)			
Mean age				Mean age			
36.25				36.87			
Gender %				Gender %			
Female 26.5%				Female 30.0%			
Male 73.5%				Male 70.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 22.1%				AA/Black 19.8%			
Hispanic 17.5%				Hispanic 18.8%			
White 49.2%				White 49.5%			
Other 11.2%				Other 11.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	22.1%	N/A	N/A	AA/Black	22.1%	14.4%	7.7%
Hispanic	17.5%	N/A	N/A	Hispanic	17.5%	14.5%	3.0%
White	49.2%	N/A	N/A	White	49.2%	66.4%	-17.2%
Other	11.2%	N/A	N/A	Other	11.2%	4.6%	6.6%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,892	47.7%	58.5%	NW	695	48.3%	58.1%
White	2,780	52.3%	41.5%	White	670	51.7%	41.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .001* sig.			
Odds ratio Exp(B) ⁷ : .664* sig.				Odds ratio Exp(B) ⁷ : .668* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.7%	24.1%	11.5%	1.7%	NW	19	N/A
Hispanic	58.4%	25.5%	14.5%	1.6%	White	10	N/A
White	68.7%	25.9%	4.2%	1.2%			
Other	68.7%	25.2%	4.8%	1.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-5**

Total Citations ¹ : 683	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 642)				ITP Stops ³ (N = 310)			
Mean age				Mean age			
39.65				39.43			
Gender %				Gender %			
Female 34.8%				Female 33.7%			
Male 65.2%				Male 66.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.0%				Race % Mis/Unk ⁴ 3.2%			
AA/Black 20.6%				AA/Black 18.3%			
Hispanic 14.3%				Hispanic 14.0%			
White 51.0%				White 51.0%			
Other 14.1%				Other 16.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	20.6%	N/A	N/A	AA/Black	20.6%	14.4%	6.2%
Hispanic	14.3%	N/A	N/A	Hispanic	14.3%	14.5%	-0.2%
White	51.0%	N/A	N/A	White	51.0%	66.4%	-15.4%
Other	14.1%	N/A	N/A	Other	14.1%	4.6%	9.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	293	48.6%	50.0%	NW	138	47.7%	51.0%
White	307	51.4%	50.0%	White	148	52.3%	49.0%
Chi-square, X-tab ⁶ :		.805	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.670	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.932	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.833	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	2.9%	95.7%	1.4%	0.0%	NW	1	N/A
Hispanic	1.1%	92.2%	6.7%	0.0%	White	0	N/A
White	8.3%	91.1%	0.6%	0.0%			
Other	0.0%	97.8%	2.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-6**

Total Citations ¹ : 5,980	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,501)				ITP Stops ³ (N = 1,469)			
Mean age				Mean age			
34.38				34.95			
Gender %				Gender %			
Female 26.1%				Female 27.0%			
Male 73.8%				Male 73.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 1.5%			
AA/Black 37.5%				AA/Black 36.2%			
Hispanic 19.2%				Hispanic 16.7%			
White 35.8%				White 39.3%			
Other 7.5%				Other 7.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	37.5%	N/A	N/A	AA/Black	37.5%	14.4%	23.1%
Hispanic	19.2%	N/A	N/A	Hispanic	19.2%	14.5%	4.7%
White	35.8%	N/A	N/A	White	35.8%	66.4%	-30.6%
Other	7.5%	N/A	N/A	Other	7.5%	4.6%	2.9%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,381	51.8%	74.1%	NW	779	56.9%	66.7%
White	1,866	48.2%	25.9%	White	493	43.1%	33.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .379* sig.				Odds ratio Exp(B) ⁷ : .646* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.8%	11.6%	13.2%	2.4%	NW	59	N/A
Hispanic	71.6%	12.7%	13.0%	2.8%	White	20	N/A
White	74.2%	15.9%	7.8%	2.1%			
Other	72.1%	19.5%	6.6%	1.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-7**

Total Citations ¹ : 6,477	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,669)				ITP Stops ³ (N = 1,438)			
Mean age				Mean age			
34.98				35.82			
Gender %				Gender %			
Female 29.7%				Female 30.0%			
Male 70.3%				Male 70.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.8%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 44.5%				AA/Black 40.2%			
Hispanic 19.1%				Hispanic 20.1%			
White 32.5%				White 35.7%			
Other 3.9%				Other 4.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	44.5%	N/A	N/A	AA/Black	44.5%	14.4%	30.1%
Hispanic	19.1%	N/A	N/A	Hispanic	19.1%	14.5%	4.6%
White	32.5%	N/A	N/A	White	32.5%	66.4%	-33.9%
Other	3.9%	N/A	N/A	Other	3.9%	4.6%	-0.7%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,713	60.0%	76.8%	NW	836	63.7%	67.4%
White	1,773	40.0%	23.2%	White	453	36.3%	32.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .193 not sig.			
Odds ratio Exp(B) ⁷ : .447* sig.				Odds ratio Exp(B) ⁷ : .879 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	67.3%	18.7%	12.2%	1.8%	NW	132	78.6%
Hispanic	62.7%	22.4%	14.0%	0.9%	White	36	21.4%
White	71.8%	19.4%	7.4%	1.4%			
Other	74.1%	18.9%	6.2%	0.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-8**

Total Citations ¹ : 7,777	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,387)				ITP Stops ³ (N = 1,395)			
Mean age				Mean age			
34.29				36.51			
Gender %				Gender %			
Female 27.8%				Female 26.2%			
Male 72.1%				Male 73.6%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.8%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 17.8%				AA/Black 12.9%			
Hispanic 18.6%				Hispanic 18.6%			
White 52.9%				White 59.6%			
Other 10.7%				Other 8.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	17.8%	N/A	N/A	AA/Black	17.8%	14.4%	3.4%
Hispanic	18.6%	N/A	N/A	Hispanic	18.6%	14.5%	4.1%
White	52.9%	N/A	N/A	White	52.9%	66.4%	-13.5%
Other	10.7%	N/A	N/A	Other	10.7%	4.6%	6.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,346	46.0%	48.9%	NW	483	39.5%	42.3%
White	3,723	54.0%	51.1%	White	712	60.5%	57.7%
Chi-square, X-tab ⁶ :		.017*	sig.	Chi-square, X-tab ⁶ :		.345	not sig.
Odds ratio Exp(B) ⁷ :		.887*	sig.	Odds ratio Exp(B) ⁷ :		.947	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.4%	31.7%	8.9%	1.0%	NW	14	N/A
Hispanic	54.5%	28.7%	15.9%	0.9%	White	10	N/A
White	66.0%	29.9%	3.3%	0.8%			
Other	58.5%	37.6%	3.4%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-9**

Total Citations ¹ : 8,063	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,365)				ITP Stops ³ (N = 1,497)			
Mean age				Mean age			
35.49				36.34			
Gender %				Gender %			
Female 26.2%				Female 22.4%			
Male 73.7%				Male 77.6%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 2.3%			
AA/Black 28.4%				AA/Black 22.4%			
Hispanic 25.8%				Hispanic 29.9%			
White 37.1%				White 40.5%			
Other 8.7%				Other 7.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	28.4%	N/A	N/A	AA/Black	28.4%	14.4%	14.0%
Hispanic	25.8%	N/A	N/A	Hispanic	25.8%	14.5%	11.3%
White	37.1%	N/A	N/A	White	37.1%	66.4%	-29.3%
Other	8.7%	N/A	N/A	Other	8.7%	4.6%	4.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,437	50.3%	72.2%	NW	785	56.1%	65.6%
White	2,598	49.7%	27.8%	White	519	43.9%	34.4%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .001* sig.			
Odds ratio Exp(B) ⁷ : .403* sig.				Odds ratio Exp(B) ⁷ : .660* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.6%	18.9%	11.5%	3.0%	NW	27	N/A
Hispanic	57.0%	22.6%	17.0%	3.4%	White	7	N/A
White	64.9%	26.1%	6.3%	2.7%			
Other	68.6%	25.6%	4.9%	0.9%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
All MASSACHUSETTS STATE POLICE**

Total Citations ¹ : 229,410	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 215,730)				ITP Stops ³ (N = 60,435)			
Mean age				Mean age			
35.76				35.85			
Gender %				Gender %			
Female 31.9%				Female 30.5%			
Male 68.1%				Male 69.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.8%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 16.8%				AA/Black 14.5%			
Hispanic 18.6%				Hispanic 19.2%			
White 59.5%				White 61.6%			
Other 5.1%				Other 4.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.8%	N/A	N/A	AA/Black	16.8%	14.4%	2.4%
Hispanic	18.6%	N/A	N/A	Hispanic	18.6%	14.5%	4.1%
White	59.5%	N/A	N/A	White	59.5%	66.4%	-6.9%
Other	5.1%	N/A	N/A	Other	5.1%	4.6%	0.5%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82,524	35.3%	50.0%	NW	20,269	36.9%	41.7%
White	120,620	64.7%	50.0%	White	32,416	63.1%	58.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* not sig.			
Odds ratio Exp(B) ⁷ : .550* sig.				Odds ratio Exp(B) ⁷ : .793* not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.9%	25.7%	12.4%	2.9%	NW	1029	54.8%
Hispanic	52.5%	27.0%	17.4%	3.2%	White	850	45.2%
White	63.5%	28.8%	5.9%	1.8%			
Other	62.3%	31.9%	4.7%	1.1%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 OTHER STATE DEPARTMENTS/AGENCIES

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BRIDGEWATER STATE UNIVERSITY POLICE DEPARTMENT**

Total Citations ¹ : 113	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		N/A	Citations per 1000		
	Passing through:		N/A	18 + residents: N/A		
¹ Total citations issued by department, including multiple-citation encounters and crashes						
All Stops² (N = 109)				ITP Stops³ (N = N/A)		
Mean age				Mean age		
26.16				N/A		
Gender %				Gender %		
Female		29.9%		Female		N/A
Male		70.1%		Male		N/A
Non-binary		0.0%		Non-binary		N/A
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴
		0.0%				N/A
AA/Black		19.3%		AA/Black		N/A
Hispanic		13.8%		Hispanic		N/A
White		63.3%		White		N/A
Other		3.7%		Other		N/A
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	19.3%	N/A	N/A	AA/Black	19.3%	14.4% 4.9%
Hispanic	13.8%	N/A	N/A	Hispanic	13.8%	14.5% -0.7%
White	63.3%	N/A	N/A	White	63.3%	66.4% -3.1%
Other	3.7%	N/A	N/A	Other	3.7%	4.6% -0.9%
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops²				ITP Stops³		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	35	27.8%	45.5%	NW	N/A	N/A N/A
White	63	72.2%	54.5%	White	N/A	N/A N/A
Chi-square, X-tab ⁶ :		.069	not sig.	Chi-square, X-tab ⁶ :		N/A N/A
Odds ratio Exp(B) ⁷ :		.574	not sig.	Odds ratio Exp(B) ⁷ :		N/A N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race⁸						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	45.5%	31.8%	22.7%	0.0%	NW	0 N/A
Hispanic	68.8%	18.8%	12.5%	0.0%	White	0 N/A
White	76.1%	15.5%	7.0%	1.4%		
Other	100.0%	0.0%	0.0%	0.0%		Counts Percent
Chi-square, X-tab ⁶ :		.280	not sig.			
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS ENVIRONMENTAL POLICE**

Total Citations ¹ : 715	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 667)				ITP Stops ³ (N = 237)			
Mean age				Mean age			
34.08				33.32			
Gender %				Gender %			
Female 16.3%				Female 15.3%			
Male 83.7%				Male 84.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.6%				Race % Mis/Unk ⁴ 4.6%			
AA/Black 7.5%				AA/Black 8.8%			
Hispanic 8.6%				Hispanic 6.2%			
White 83.3%				White 84.5%			
Other 0.5%				Other 0.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.5%	N/A	N/A	AA/Black	7.5%	14.4%	-6.9%
Hispanic	8.6%	N/A	N/A	Hispanic	8.6%	14.5%	-5.9%
White	83.3%	N/A	N/A	White	83.3%	66.4%	16.9%
Other	0.5%	N/A	N/A	Other	0.5%	4.6%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	97	16.3%	19.4%	NW	31	15.2%	17.7%
White	481	83.8%	80.6%	White	163	84.8%	82.3%
Chi-square, X-tab ⁶ :		.449	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.646	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.719	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.504	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	31.4%	49.0%	17.6%	2.0%	NW	0	N/A
Hispanic	24.6%	70.2%	5.3%	0.0%	White	7	N/A
White	34.5%	60.1%	4.7%	0.7%			
Other	0.0%	66.7%	33.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.005*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MBTA POLICE

Total Citations ¹ : 204	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		N/A	Citations per 1000 18 + residents:				N/A	
	Passing through:		N/A						
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops² (N = 178)				ITP Stops³ (N = N/A)					
Mean age				Mean age					
41.01				N/A					
Gender %				Gender %					
Female		29.0%		Female		N/A			
Male		71.0%		Male		N/A			
Non-binary		0.0%		Non-binary		N/A			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴			
		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			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black	30.0%	N/A	N/A	AA/Black	30.0%	14.4%	15.6%		
Hispanic	20.0%	N/A	N/A	Hispanic	20.0%	14.5%	5.5%		
White	42.5%	N/A	N/A	White	42.5%	66.4%	-23.9%		
Other	7.5%	N/A	N/A	Other	7.5%	4.6%	2.9%		
⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
VoD Analyses									
All Stops ²				ITP Stops ³					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW	73	59.8%	60.0%		NW	N/A	N/A	N/A	
White	49	40.2%	40.0%		White	N/A	N/A	N/A	
Chi-square, X-tab ⁶ :		.985	not sig.		Chi-square, X-tab ⁶ :		N/A	N/A	
Odds ratio Exp(B) ⁷ :		1.016	not sig.		Odds ratio Exp(B) ⁷ :		N/A	N/A	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race⁸									
	Warning	Civil	Criminal	Arrest		Search?			
AA/Black	24.1%	46.3%	27.8%	1.9%	NW	3	N/A		
Hispanic	10.0%	47.5%	30.0%	12.5%	White	0	N/A		
White	26.9%	33.3%	30.8%	9.0%					
Other	50.0%	42.9%	7.1%	0.0%		Counts	Percent		
Chi-square, X-tab ⁶ :		.049*	sig.						
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
UNIVERSITY OF MASSACHUSETTS AMHERST POLICE DEPARTMENT**

Total Citations ¹ : 1,034	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,002)				ITP Stops ³ (N = 440)			
Mean age				Mean age			
28.08				27.47			
Gender %				Gender %			
Female 41.3%				Female 40.9%			
Male 58.6%				Male 59.1%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 8.0%				AA/Black 7.3%			
Hispanic 4.7%				Hispanic 3.4%			
White 76.5%				White 76.4%			
Other 10.8%				Other 12.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.0%	N/A	N/A	AA/Black	8.0%	14.4%	-6.4%
Hispanic	4.7%	N/A	N/A	Hispanic	4.7%	14.5%	-9.8%
White	76.5%	N/A	N/A	White	76.5%	66.4%	10.1%
Other	10.8%	N/A	N/A	Other	10.8%	4.6%	6.2%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	222	22.5%	27.3%	NW	95	25.3%	21.3%
White	703	77.5%	72.7%	White	302	74.7%	78.7%
Chi-square, X-tab ⁶ : .109 <i>not sig.</i>				Chi-square, X-tab ⁶ : .380 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .818 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : 1.178 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.5%	27.2%	11.1%	1.2%	NW	0	N/A
Hispanic	59.6%	27.7%	12.8%	0.0%	White	3	N/A
White	70.6%	25.2%	3.9%	0.4%			
Other	60.9%	28.2%	9.1%	1.8%		Counts	Percent
Chi-square, X-tab ⁶ : .006* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
UNIVERSITY OF MASSACHUSETTS BOSTON POLICE DEPARTMENT**

Total Citations ¹ : 115	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 114)				ITP Stops ³ (N = 58)			
Mean age				Mean age			
31.34				N/A			
Gender %				Gender %			
Female 19.3%				Female N/A			
Male 80.7%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 19.3%				Race % Mis/Unk ⁴ N/A			
AA/Black 54.3%				AA/Black N/A			
Hispanic 4.3%				Hispanic N/A			
White 38.0%				White N/A			
Other 3.3%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	54.3%	N/A	N/A	AA/Black	54.3%	14.4%	39.9%
Hispanic	4.3%	N/A	N/A	Hispanic	4.3%	14.5%	-10.2%
White	38.0%	N/A	N/A	White	38.0%	66.4%	-28.4%
Other	3.3%	N/A	N/A	Other	3.3%	4.6%	-1.3%

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	54.3%	66.7%	NW	N/A	N/A	N/A
White	30	45.7%	33.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.302	<i>not sig.</i>	Chi-square, X-tab ⁶ :		N/A	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.547	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		N/A	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	7.8%	33.3%	58.8%	0.0%	NW	0	N/A
Hispanic	25.0%	25.0%	50.0%	0.0%	White	0	N/A
White	11.4%	60.0%	28.6%	0.0%			
Other	0.0%	66.7%	33.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.133	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MUNICIPAL POLICE DEPARTMENTS

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ABINGTON POLICE DEPARTMENT**

Total Citations ¹ : 675	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.0%	Citations per 1000	
	Passing through:	78.0%	18 + residents:	50.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 431)				ITP Stops ³ (N = 155)			
Mean age				Mean age			
36.68				32.99			
Gender %				Gender %			
Female		34.0%		Female		26.0%	
Male		66.0%		Male		74.0%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.4%				0.6%	
AA/Black		20.9%		AA/Black		24.0%	
Hispanic		2.6%		Hispanic		1.3%	
White		75.5%		White		74.0%	
Other		0.9%		Other		0.6%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	20.9%	2.0%	18.9%	AA/Black	20.9%	14.5%	6.4%
Hispanic	2.6%	2.6%	0.0%	Hispanic	2.6%	15.2%	-12.6%
White	75.5%	88.2%	-12.7%	White	75.5%	65.1%	10.4%
Other	0.9%	6.4%	-5.5%	Other	0.9%	5.2%	-4.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	88	20.2%	31.4%	NW	35	24.7%	28.8%
White	282	79.8%	68.6%	White	98	75.3%	71.2%
Chi-square, X-tab ⁶ :		.019*	sig.	Chi-square, X-tab ⁶ :		.595	not sig.
Odds ratio Exp(B) ⁷ :		.544*	sig.	Odds ratio Exp(B) ⁷ :		.713	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	37.0%	13.4%	38.6%	11.0%	NW	0
Hispanic	28.6%	21.4%	50.0%	0.0%	White	3
White	39.4%	17.9%	34.4%	8.3%		
Other	33.3%	0.0%	66.7%	0.0%		
Chi-square, X-tab ⁶ :		.480	not sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ACTON POLICE DEPARTMENT

Total Citations ¹ : 1,596	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	24.7%	Citations per 1000	
	Passing through:	75.3%	18 + residents:	89.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,535)				ITP Stops ³ (N = 586)			
Mean age				Mean age			
40.15				38.89			
Gender %				Gender %			
Female 35.4%				Female 32.8%			
Male 64.6%				Male 67.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		14.3%				8.5%	
AA/Black		8.7%		AA/Black		9.1%	
Hispanic		12.8%		Hispanic		16.8%	
White		69.4%		White		63.1%	
Other		9.1%		Other		11.0%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.7%	1.5%	7.2%	AA/Black	8.7%	14.5%	-5.8%
Hispanic	12.8%	3.5%	9.3%	Hispanic	12.8%	15.2%	-2.4%
White	69.4%	66.1%	3.3%	White	69.4%	65.1%	4.3%
Other	9.1%	29.1%	-20.0%	Other	9.1%	5.2%	3.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	367	25.0%	43.1%	NW	173	32.6%	40.4%
White	858	75.0%	56.9%	White	319	67.4%	59.6%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.091	not sig.
Odds ratio Exp(B) ⁷ :		.460*	sig.	Odds ratio Exp(B) ⁷ :		.698	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	47.9%	15.1%	36.1%	0.8%	NW	1	N/A
Hispanic	21.8%	14.4%	62.1%	1.7%	White	11	N/A
White	58.7%	24.3%	14.3%	2.7%			
Other	64.0%	23.2%	12.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ACUSHNET POLICE DEPARTMENT**

Total Citations ¹ : 131	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	38.0%	Citations per 1000	
	Passing through:	62.0%	18 + residents:	14.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 100)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
34.88				N/A			
Gender %				Gender %			
Female 28.0%				Female N/A			
Male 72.0%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 18.6%				AA/Black N/A			
Hispanic 5.2%				Hispanic N/A			
White 76.3%				White N/A			
Other 0.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.6%	0.1%	18.5%	AA/Black	18.6%	14.5%	4.1%
Hispanic	5.2%	3.4%	1.8%	Hispanic	5.2%	15.2%	-10.0%
White	76.3%	88.0%	-11.7%	White	76.3%	65.1%	11.2%
Other	0.0%	4.7%	-4.7%	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	30.8%	22.9%	NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	64	69.2%	77.1%	White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .409 not sig.				Chi-square, X-tab ⁶ : N/A N/A				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 1.520 not sig.				Odds ratio Exp(B) ⁷ : N/A N/A				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	18.2%	9.1%	63.6%	9.1%	NW	0	N/A
Hispanic	0.0%	0.0%	60.0%	40.0%	White	0	N/A
White	38.6%	9.9%	42.6%	8.9%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .090 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ADAMS POLICE DEPARTMENT**

Total Citations ¹ : 335	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	37.8%	Citations per 1000	
	Passing through:	62.2%	18 + residents:	50.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 286)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.66				N/A			
Gender %				Gender %			
Female 40.1%				Female N/A			
Male 59.9%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.8%				Race % Mis/Unk ⁴ N/A			
AA/Black 9.4%				AA/Black N/A			
Hispanic 3.2%				Hispanic N/A			
White 86.7%				White N/A			
Other 0.7%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	9.4%	0.9%	8.5%	AA/Black	9.4%	14.5% -5.1%
Hispanic	3.2%	1.5%	1.7%	Hispanic	3.2%	15.2% -12.0%
White	86.7%	95.4%	-8.7%	White	86.7%	65.1% 21.6%
Other	0.7%	2.3%	-1.6%	Other	0.7%	5.2% -4.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	10.3%	20.3%	NW	N/A	N/A	N/A
White	230	89.7%	79.7%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.032*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.447*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	28.6%	35.7%	35.7%	0.0%	NW	0	N/A
Hispanic	66.7%	33.3%	0.0%	0.0%	White	1	N/A
White	51.2%	22.0%	23.0%	3.8%			
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.207	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AGAWAM POLICE DEPARTMENT**

Total Citations ¹ : 1,132	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.4%	Citations per 1000	
	Passing through:	70.6%	18 + residents:	47.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,025)				ITP Stops ³ (N = 549)			
Mean age				Mean age			
36.2				36.55			
Gender %				Gender %			
Female 31.9%				Female 32.4%			
Male 68.1%				Male 67.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 7.5%				AA/Black 5.5%			
Hispanic 14.3%				Hispanic 11.3%			
White 75.2%				White 79.6%			
Other 3.0%				Other 3.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.5%	2.2%	5.3%	AA/Black	7.5%	14.5%	-7.0%
Hispanic	14.3%	5.4%	8.9%	Hispanic	14.3%	15.2%	-0.9%
White	75.2%	88.9%	-13.7%	White	75.2%	65.1%	10.1%
Other	3.0%	4.1%	-1.1%	Other	3.0%	5.2%	-2.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	239	19.3%	31.4%	NW	102	19.3%	23.8%
White	694	80.7%	68.6%	White	389	80.7%	76.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .258 not sig.			
Odds ratio Exp(B) ⁷ : .553* sig.				Odds ratio Exp(B) ⁷ : .740 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	51.7%	6.7%	39.3%	2.2%	NW	2	N/A
Hispanic	66.9%	4.3%	23.9%	4.9%	White	1	N/A
White	76.6%	5.0%	12.7%	5.6%			
Other	90.6%	3.1%	6.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AMESBURY POLICE DEPARTMENT**

Total Citations ¹ : 2,210	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	32.1%	Citations per 1000	
	Passing through:	67.9%	18 + residents:	157

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,161)				ITP Stops ³ (N = 1,113)			
Mean age				Mean age			
39.92				40.63			
Gender %				Gender %			
Female 42.8%				Female 42.9%			
Male 57.1%				Male 57.0%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 4.3%				AA/Black 3.4%			
Hispanic 6.8%				Hispanic 7.4%			
White 87.0%				White 87.1%			
Other 1.8%				Other 2.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.3%	0.6%	3.7%	AA/Black	4.3%	14.5%	-10.2%
Hispanic	6.8%	2.5%	4.3%	Hispanic	6.8%	15.2%	-8.4%
White	87.0%	93.8%	-6.8%	White	87.0%	65.1%	21.9%
Other	1.8%	3.3%	-1.5%	Other	1.8%	5.2%	-3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	257	9.6%	17.6%	NW	122	11.2%	14.1%
White	1,737	90.4%	82.4%	White	872	88.8%	85.9%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.172	not sig.
Odds ratio Exp(B) ⁷ :		.468*	sig.	Odds ratio Exp(B) ⁷ :		.551*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	51.6%	9.7%	33.3%	5.4%	NW	1	
Hispanic	53.1%	8.2%	34.7%	4.1%	White	1	
White	69.8%	12.3%	14.8%	3.0%			
Other	84.6%	5.1%	5.1%	5.1%	Counts	Percent	
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AMHERST POLICE DEPARTMENT**

Total Citations ¹ : 1,418	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.8%	Citations per 1000	
	Passing through:	72.2%	18 + residents:	39.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,283)				ITP Stops ³ (N = 512)			
Mean age				Mean age			
34.7				34.7			
Gender %				Gender %			
Female 42.6%				Female 44.7%			
Male 57.2%				Male 54.9%			
Non-binary 0.2%				Non-binary 0.4%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 11.6%				AA/Black 11.4%			
Hispanic 3.6%				Hispanic 2.6%			
White 78.0%				White 78.5%			
Other 6.7%				Other 7.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.6%	5.3%	6.3%	AA/Black	11.6%	14.5%	-2.9%
Hispanic	3.6%	7.5%	-3.9%	Hispanic	3.6%	15.2%	-11.6%
White	78.0%	69.4%	8.6%	White	78.0%	65.1%	12.9%
Other	6.7%	19.1%	-12.4%	Other	6.7%	5.2%	1.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	268	18.0%	32.5%	NW	102	20.8%	22.4%
White	945	82.0%	67.5%	White	380	79.2%	77.6%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.727	not sig.
Odds ratio Exp(B) ⁷ :		.523*	sig.	Odds ratio Exp(B) ⁷ :		.846	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.0%	3.0%	28.0%	13.1%	NW	22	N/A
Hispanic	32.1%	1.8%	25.0%	41.1%	White	32	N/A
White	78.7%	4.3%	9.5%	7.5%			
Other	82.4%	6.6%	6.6%	4.4%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ANDOVER POLICE DEPARTMENT**

Total Citations ¹ : 1,395	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.9%	Citations per 1000	
	Passing through:	74.1%	18 + residents:	50.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,165)				ITP Stops ³ (N = 252)			
Mean age				Mean age			
37.5				36.82			
Gender %				Gender %			
Female 42.2%				Female 36.5%			
Male 57.6%				Male 63.1%			
Non-binary 0.2%				Non-binary 0.4%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 6.4%				AA/Black 9.0%			
Hispanic 26.5%				Hispanic 31.0%			
White 60.0%				White 53.9%			
Other 7.1%				Other 6.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.4%	2.7%	3.7%	AA/Black	6.4%	14.5%	-8.1%
Hispanic	26.5%	4.9%	21.6%	Hispanic	26.5%	15.2%	11.3%
White	60.0%	75.8%	-15.8%	White	60.0%	65.1%	-5.1%
Other	7.1%	16.9%	-9.8%	Other	7.1%	5.2%	1.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	439	37.7%	47.4%	NW	104	48.0%	41.3%
White	662	62.3%	52.6%	White	124	52.0%	58.8%
Chi-square, X-tab ⁶ :		.006*	sig.	Chi-square, X-tab ⁶ :		.331	not sig.
Odds ratio Exp(B) ⁷ :		.672*	sig.	Odds ratio Exp(B) ⁷ :		1.157	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.2%	15.1%	22.6%	2.2%	NW	3	N/A
Hispanic	55.6%	25.3%	16.2%	2.9%	White	4	N/A
White	74.1%	16.8%	7.2%	1.9%			
Other	82.5%	16.5%	0.0%	1.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ARLINGTON POLICE DEPARTMENT**

Total Citations ¹ : 1,314	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	43.7%	Citations per 1000	
	Passing through:	56.3%	18 + residents:	36.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,210)				ITP Stops ³ (N = 816)			
Mean age				Mean age			
43.73				44.12			
Gender %				Gender %			
Female 41.5%				Female 41.4%			
Male 58.5%				Male 58.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.2%				Race % Mis/Unk ⁴ 4.8%			
AA/Black 8.5%				AA/Black 6.0%			
Hispanic 7.1%				Hispanic 7.6%			
White 71.9%				White 73.2%			
Other 12.5%				Other 13.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.5%	3.1%	5.4%	AA/Black	8.5%	14.5%	-6.0%
Hispanic	7.1%	4.9%	2.2%	Hispanic	7.1%	15.2%	-8.1%
White	71.9%	75.8%	-3.9%	White	71.9%	65.1%	6.8%
Other	12.5%	16.2%	-3.7%	Other	12.5%	5.2%	7.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	302	27.2%	30.6%	NW	194	27.3%	25.7%
White	770	72.8%	69.4%	White	529	72.7%	74.3%
Chi-square, X-tab ⁶ : .275 <i>not sig.</i>				Chi-square, X-tab ⁶ : .668 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .816 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : 1.052 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	79.1%	6.4%	10.9%	3.6%	NW	2	N/A
Hispanic	71.3%	5.7%	19.5%	3.4%	White	3	N/A
White	91.1%	4.5%	4.3%	0.2%			
Other	95.4%	3.9%	0.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ASHBURNHAM POLICE DEPARTMENT**

Total Citations ¹ : 523	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.9%	Citations per 1000	
	Passing through:	73.1%	18 + residents:	109.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 509)				ITP Stops ³ (N = 197)			
Mean age				Mean age			
36.03				36.52			
Gender %				Gender %			
Female 37.4%				Female 33.2%			
Male 62.6%				Male 66.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 4.0%				AA/Black 4.1%			
Hispanic 4.4%				Hispanic 4.1%			
White 90.8%				White 90.7%			
Other 0.8%				Other 1.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.0%	1.1%	2.9%	AA/Black	4.0%	14.5%	-10.5%
Hispanic	4.4%	1.7%	2.7%	Hispanic	4.4%	15.2%	-10.8%
White	90.8%	95.9%	-5.1%	White	90.8%	65.1%	25.7%
Other	0.8%	1.5%	-0.7%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	44	6.5%	18.9%	NW	17	6.1%	16.4%
White	434	93.5%	81.1%	White	159	93.9%	83.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .028* sig.			
Odds ratio Exp(B) ⁷ : .260* sig.				Odds ratio Exp(B) ⁷ : .374 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.0%	25.0%	15.0%	0.0%	NW	0	N/A
Hispanic	45.5%	31.8%	22.7%	0.0%	White	0	N/A
White	61.1%	30.4%	7.7%	0.9%			
Other	75.0%	25.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .479 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ASHBY POLICE DEPARTMENT**

Total Citations ¹ : 318	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.0%	Citations per 1000	
	Passing through:	88.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 300)				ITP Stops ³ (N = 157)			
Mean age				Mean age			
36.74				34.07			
Gender %				Gender %			
Female		37.0%		Female		31.8%	
Male		62.7%		Male		67.5%	
Non-binary		0.3%		Non-binary		0.6%	
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 1.9%			
AA/Black		3.1%		AA/Black		2.6%	
Hispanic		9.5%		Hispanic		11.7%	
White		86.1%		White		84.4%	
Other		1.4%		Other		1.3%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.1%	N/A	N/A	AA/Black	3.1%	14.5%	-11.4%
Hispanic	9.5%	N/A	N/A	Hispanic	9.5%	15.2%	-5.7%
White	86.1%	N/A	N/A	White	86.1%	65.1%	21.0%
Other	1.4%	N/A	N/A	Other	1.4%	5.2%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	12.4%	20.8%	NW	22	13.1%	23.7%
White	239	87.6%	79.2%	White	115	86.9%	76.3%
Chi-square, X-tab ⁶ :		.117	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.132	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.517	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.489	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.8%	0.0%	22.2%	0.0%	NW	1	N/A
Hispanic	57.1%	7.1%	35.7%	0.0%	White	4	N/A
White	79.8%	12.9%	7.4%	0.0%			
Other	75.0%	0.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ASHLAND POLICE DEPARTMENT**

Total Citations ¹ : 1,189	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.1%	Citations per 1000	
	Passing through:	70.9%	18 + residents:	85.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,150)				ITP Stops ³ (N = 551)			
Mean age				Mean age			
36.17				35.66			
Gender %				Gender %			
Female 32.4%				Female 32.8%			
Male 67.6%				Male 67.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.3%				Race % Mis/Unk ⁴ 4.0%			
AA/Black 5.2%				AA/Black 4.3%			
Hispanic 13.5%				Hispanic 13.0%			
White 75.6%				White 77.1%			
Other 5.7%				Other 5.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.2%	2.2%	3.0%	AA/Black	5.2%	14.5%	-9.3%
Hispanic	13.5%	7.0%	6.5%	Hispanic	13.5%	15.2%	-1.7%
White	75.6%	77.9%	-2.3%	White	75.6%	65.1%	10.5%
Other	5.7%	13.4%	-7.7%	Other	5.7%	5.2%	0.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	261	23.5%	26.9%	NW	114	20.9%	28.4%
White	785	76.5%	73.1%	White	366	79.1%	71.6%
Chi-square, X-tab ⁶ :		.196	not sig.	Chi-square, X-tab ⁶ :		.059	not sig.
Odds ratio Exp(B) ⁷ :		1.018	not sig.	Odds ratio Exp(B) ⁷ :		.886	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	67.2%	11.5%	13.1%	8.2%	NW	0	N/A
Hispanic	55.2%	22.1%	15.6%	7.1%	White	0	N/A
White	74.9%	12.3%	8.6%	4.2%			
Other	76.1%	11.9%	3.0%	9.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ATHOL POLICE DEPARTMENT**

Total Citations ¹ : 340	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	43.5%	Citations per 1000	
	Passing through:	56.5%	18 + residents:	36.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 271)				ITP Stops ³ (N = 120)			
Mean age				Mean age			
37.48				36.72			
Gender %				Gender %			
Female 39.5%				Female 33.1%			
Male 60.5%				Male 66.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.4%				Race % Mis/Unk ⁴ 7.5%			
AA/Black 5.2%				AA/Black 2.7%			
Hispanic 3.6%				Hispanic 1.8%			
White 90.4%				White 93.7%			
Other 0.8%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.2%	1.1%	4.1%	AA/Black	5.2%	14.5%	-9.3%
Hispanic	3.6%	5.4%	-1.8%	Hispanic	3.6%	15.2%	-11.6%
White	90.4%	90.1%	0.3%	White	90.4%	65.1%	25.3%
Other	0.8%	3.6%	-2.8%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	8.4%	12.5%	NW	N/A	N/A	N/A
White	201	91.6%	87.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.324	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.393	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	37.5%	6.3%	37.5%	18.8%	NW	3	N/A
Hispanic	20.0%	40.0%	30.0%	10.0%	White	2	N/A
White	58.8%	13.1%	22.1%	5.9%			
Other	50.0%	0.0%	0.0%	50.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.012*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ATTLEBORO POLICE DEPARTMENT**

Total Citations ¹ : 4,522	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	42.5%	Citations per 1000	
	Passing through:	57.5%	18 + residents:	127.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,871)				ITP Stops ³ (N = 479)			
Mean age				Mean age			
39.17				35.52			
Gender %				Gender %			
Female 42.5%				Female 36.0%			
Male 57.5%				Male 64.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.2%				Race % Mis/Unk ⁴ 0.2%			
AA/Black 12.5%				AA/Black 15.3%			
Hispanic 10.7%				Hispanic 12.1%			
White 72.2%				White 68.6%			
Other 4.6%				Other 4.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.5%	4.4%	8.1%	AA/Black	12.5%	14.5%	-2.0%
Hispanic	10.7%	6.6%	4.1%	Hispanic	10.7%	15.2%	-4.5%
White	72.2%	83.2%	-11.0%	White	72.2%	65.1%	7.1%
Other	4.6%	6.1%	-1.5%	Other	4.6%	5.2%	-0.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,060	26.9%	37.9%	NW	138	30.1%	34.3%
White	2,746	73.1%	62.1%	White	297	69.9%	65.7%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.354	not sig.
Odds ratio Exp(B) ⁷ :		.597*	sig.	Odds ratio Exp(B) ⁷ :		.621	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.1%	23.6%	17.9%	1.4%	NW	1	N/A
Hispanic	55.1%	28.6%	15.0%	1.2%	White	4	N/A
White	71.7%	19.8%	7.6%	0.9%			
Other	72.6%	24.5%	2.9%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AUBURN POLICE DEPARTMENT**

Total Citations ¹ : 1,546	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.3%	Citations per 1000	
	Passing through:	86.7%	18 + residents:	115.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,493)				ITP Stops ³ (N = 384)			
Mean age				Mean age			
38.32				37.19			
Gender %				Gender %			
Female 37.7%				Female 32.3%			
Male 62.3%				Male 67.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.0%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 8.3%				AA/Black 7.4%			
Hispanic 9.3%				Hispanic 12.2%			
White 79.9%				White 78.0%			
Other 2.5%				Other 2.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.3%	0.9%	7.4%	AA/Black	8.3%	14.5%	-6.2%
Hispanic	9.3%	4.6%	4.7%	Hispanic	9.3%	15.2%	-5.9%
White	79.9%	91.5%	-11.6%	White	79.9%	65.1%	14.8%
Other	2.5%	3.5%	-1.0%	Other	2.5%	5.2%	-2.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	283	19.1%	23.9%	NW	78	20.0%	26.1%
White	1,129	80.9%	76.1%	White	269	80.0%	73.9%
Chi-square, X-tab ⁶ : .066 <i>not sig.</i>				Chi-square, X-tab ⁶ : .184 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .702* <i>sig.</i>				Odds ratio Exp(B) ⁷ : .664 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.5%	20.2%	8.9%	2.4%	NW	3	N/A
Hispanic	63.4%	13.8%	15.9%	6.9%	White	2	N/A
White	71.0%	17.5%	6.9%	4.6%			
Other	81.1%	16.2%	0.0%	2.7%		Counts	Percent
Chi-square, X-tab ⁶ : .006* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AVON POLICE DEPARTMENT**

Total Citations ¹ : 578	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	4.0%	Citations per 1000	
	Passing through:	96.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 573)				ITP Stops ³ (N = 218)			
Mean age				Mean age			
36.9				37.8			
Gender %				Gender %			
Female 35.3%				Female 36.6%			
Male 64.7%				Male 63.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 52.2%				Race % Mis/Unk ⁴ 44.5%			
AA/Black 57.7%				AA/Black 59.5%			
Hispanic 16.4%				Hispanic 16.5%			
White 24.8%				White 23.1%			
Other 1.1%				Other 0.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	57.7%	N/A	N/A	AA/Black	57.7%	14.5%	43.2%
Hispanic	16.4%	N/A	N/A	Hispanic	16.4%	15.2%	1.2%
White	24.8%	N/A	N/A	White	24.8%	65.1%	-40.3%
Other	1.1%	N/A	N/A	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	191	72.2%	80.3%	NW	78	77.5%	69.6%
White	65	27.8%	19.7%	White	25	22.5%	30.4%
Chi-square, X-tab ⁶ :		.177	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.434	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.611	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.487	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	86.2%	8.8%	5.0%	0.0%	NW	0	N/A
Hispanic	80.4%	6.5%	13.0%	0.0%	White	0	N/A
White	77.1%	8.6%	10.0%	4.3%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.123	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AYER POLICE DEPARTMENT**

Total Citations ¹ : 1,371	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.5%	Citations per 1000	
	Passing through:	83.5%	18 + residents:	206.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,326)				ITP Stops ³ (N = 338)			
Mean age				Mean age			
37.4				37.18			
Gender %				Gender %			
Female 30.5%				Female 31.3%			
Male 69.5%				Male 68.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.7%				Race % Mis/Unk ⁴ 2.4%			
AA/Black 8.4%				AA/Black 10.3%			
Hispanic 8.6%				Hispanic 9.1%			
White 78.4%				White 73.9%			
Other 4.6%				Other 6.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.4%	4.3%	4.1%	AA/Black	8.4%	14.5%	-6.1%
Hispanic	8.6%	5.7%	2.9%	Hispanic	8.6%	15.2%	-6.6%
White	78.4%	82.4%	-4.0%	White	78.4%	65.1%	13.3%
Other	4.6%	7.5%	-2.9%	Other	4.6%	5.2%	-0.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	250	19.9%	25.8%	NW	75	28.1%	23.2%
White	909	80.1%	74.2%	White	216	71.9%	76.8%
Chi-square, X-tab ⁶ :		.027*	sig.	Chi-square, X-tab ⁶ :		.338	not sig.
Odds ratio Exp(B) ⁷ :		.654*	sig.	Odds ratio Exp(B) ⁷ :		1.123	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.2%	17.7%	16.8%	5.3%	NW	2	N/A
Hispanic	57.4%	21.3%	15.7%	5.6%	White	6	N/A
White	71.0%	18.8%	7.6%	2.6%			
Other	81.0%	17.2%	1.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BARNSTABLE POLICE DEPARTMENT**

Total Citations ¹ : 3,588	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	4.0%	Citations per 1000	
	Passing through:	96.0%	18 + residents:	97.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,279)				ITP Stops ³ (N = 995)			
Mean age				Mean age			
41.59				39.17			
Gender %				Gender %			
Female 37.6%				Female 38.1%			
Male 62.4%				Male 61.8%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 6.3%				Race % Mis/Unk ⁴ 5.4%			
AA/Black 9.5%				AA/Black 9.8%			
Hispanic 6.7%				Hispanic 6.4%			
White 82.7%				White 82.8%			
Other 1.1%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.5%	5.8%	3.7%	AA/Black	9.5%	14.5%	-5.0%
Hispanic	6.7%	5.9%	0.8%	Hispanic	6.7%	15.2%	-8.5%
White	82.7%	84.3%	-1.6%	White	82.7%	65.1%	17.6%
Other	1.1%	3.1%	-2.0%	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	519	16.2%	24.5%	NW	155	17.3%	18.9%
White	2,477	83.8%	75.5%	White	732	82.7%	81.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .668 not sig.			
Odds ratio Exp(B) ⁷ : .639* sig.				Odds ratio Exp(B) ⁷ : .576 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	53.8%	17.7%	24.6%	3.9%	NW	2	N/A
Hispanic	30.2%	26.7%	39.2%	3.9%	White	12	N/A
White	68.0%	14.4%	13.9%	3.7%			
Other	57.1%	28.6%	11.4%	2.9%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BARRE POLICE DEPARTMENT**

Total Citations ¹ : 642	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.8%	Citations per 1000	
	Passing through:	73.2%	18 + residents:	143.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 631)				ITP Stops ³ (N = 270)			
Mean age				Mean age			
36.09				36.32			
Gender %				Gender %			
Female 30.2%				Female 30.3%			
Male 69.8%				Male 69.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 5.3%				AA/Black 2.3%			
Hispanic 7.6%				Hispanic 7.6%			
White 85.5%				White 88.6%			
Other 1.6%				Other 1.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	5.3%	2.2%	3.1%	AA/Black	5.3%	14.5% -9.2%
Hispanic	7.6%	2.4%	5.2%	Hispanic	7.6%	15.2% -7.6%
White	85.5%	93.8%	-8.3%	White	85.5%	65.1% 20.4%
Other	1.6%	3.1%	-1.5%	Other	1.6%	5.2% -3.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	84	15.3%	13.8%	NW	24	12.4%	9.1%
White	496	84.7%	86.2%	White	202	87.6%	90.9%
Chi-square, X-tab ⁶ :		.626	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.423	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.978	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.437	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	44.1%	14.7%	35.3%	5.9%	NW	1	N/A
Hispanic	22.9%	12.5%	64.6%	0.0%	White	0	N/A
White	56.8%	10.8%	24.1%	8.3%			
Other	70.0%	10.0%	20.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BECKETT POLICE DEPARTMENT**

Total Citations ¹ : 140	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.2%	Citations per 1000	
	Passing through:	79.8%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 130)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
41.91				N/A			
Gender %				Gender %			
Female 33.6%				Female N/A			
Male 65.6%				Male N/A			
Non-binary 0.8%				Non-binary N/A			
Race % Mis/Unk ⁴ 14.6%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 2.7%				AA/Black N/A			
Hispanic 6.3%				Hispanic N/A			
White 89.2%				White N/A			
Other 1.8%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	2.7%	N/A	N/A	AA/Black	2.7%	14.5% -11.8%
Hispanic	6.3%	N/A	N/A	Hispanic	6.3%	15.2% -8.9%
White	89.2%	N/A	N/A	White	89.2%	65.1% 24.1%
Other	1.8%	N/A	N/A	Other	1.8%	5.2% -3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	75.0%	25.0%	0.0%	NW	0	N/A
Hispanic	42.9%	57.1%	0.0%	0.0%	White	1	N/A
White	53.7%	28.7%	15.7%	1.9%			
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.493	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BEDFORD POLICE DEPARTMENT**

Total Citations ¹ : 2,076	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.3%	Citations per 1000	
	Passing through:	76.7%	18 + residents:	196

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,979)				ITP Stops ³ (N = 846)			
Mean age				Mean age			
40.54				39.44			
Gender %				Gender %			
Female 40.2%				Female 37.8%			
Male 59.7%				Male 62.0%			
Non-binary 0.2%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 3.3%				Race % Mis/Unk ⁴ 3.0%			
AA/Black 7.7%				AA/Black 7.1%			
Hispanic 9.1%				Hispanic 9.5%			
White 65.6%				White 65.2%			
Other 17.6%				Other 18.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.7%	4.1%	3.6%	AA/Black	7.7%	14.5%	-6.8%
Hispanic	9.1%	3.8%	5.3%	Hispanic	9.1%	15.2%	-6.1%
White	65.6%	74.2%	-8.6%	White	65.6%	65.1%	0.5%
Other	17.6%	18.4%	-0.8%	Other	17.6%	5.2%	12.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	628	32.5%	39.7%	NW	256	35.4%	34.1%
White	1,197	67.5%	60.3%	White	477	64.6%	65.9%
Chi-square, X-tab ⁶ : .004* sig.				Chi-square, X-tab ⁶ : .722 not sig.			
Odds ratio Exp(B) ⁷ : .704* sig.				Odds ratio Exp(B) ⁷ : 1.130 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.3%	10.7%	17.0%	0.0%	NW	1	N/A
Hispanic	59.1%	10.5%	27.1%	3.3%	White	1	N/A
White	84.5%	9.8%	3.7%	2.0%			
Other	81.5%	14.2%	3.7%	0.6%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BELCHERTOWN POLICE DEPARTMENT**

Total Citations ¹ : 1,459	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	32.5%	Citations per 1000	
	Passing through:	67.5%	18 + residents:	125

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,414)				ITP Stops ³ (N = 649)			
Mean age				Mean age			
36.36				35.78			
Gender %				Gender %			
Female 39.9%				Female 37.2%			
Male 60.1%				Male 62.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.8%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 6.3%				AA/Black 4.5%			
Hispanic 4.3%				Hispanic 3.6%			
White 86.4%				White 89.8%			
Other 3.0%				Other 2.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.3%	0.6%	5.7%	AA/Black	6.3%	14.5%	-8.2%
Hispanic	4.3%	1.4%	2.9%	Hispanic	4.3%	15.2%	-10.9%
White	86.4%	91.9%	-5.5%	White	86.4%	65.1%	21.3%
Other	3.0%	5.9%	-2.9%	Other	3.0%	5.2%	-2.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	179	12.7%	16.0%	NW	58	10.0%	10.6%
White	1,112	87.3%	84.0%	White	508	90.0%	89.4%
Chi-square, X-tab ⁶ :		.100	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.805	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.791	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.904	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.3%	7.7%	7.7%	3.3%	NW	0	N/A
Hispanic	78.7%	6.6%	11.5%	3.3%	White	2	N/A
White	84.9%	10.2%	3.5%	1.4%			
Other	81.4%	7.0%	9.3%	2.3%		Counts	Percent
Chi-square, X-tab ⁶ :		.021*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BELLINGHAM POLICE DEPARTMENT**

Total Citations ¹ : 1,185	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.7%	Citations per 1000	
	Passing through:	74.3%	18 + residents:	88

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,085)				ITP Stops ³ (N = 350)			
Mean age				Mean age			
34.6				33.92			
Gender %				Gender %			
Female 37.3%				Female 35.9%			
Male 62.7%				Male 64.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.3%				Race % Mis/Unk ⁴ 4.0%			
AA/Black 11.9%				AA/Black 12.5%			
Hispanic 4.7%				Hispanic 4.5%			
White 80.4%				White 79.2%			
Other 2.9%				Other 3.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.9%	1.9%	10.0%	AA/Black	11.9%	14.5%	-2.6%
Hispanic	4.7%	4.0%	0.7%	Hispanic	4.7%	15.2%	-10.5%
White	80.4%	91.4%	-11.0%	White	80.4%	65.1%	15.3%
Other	2.9%	2.8%	0.1%	Other	2.9%	5.2%	-2.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	191	18.5%	22.7%	NW	62	23.1%	17.4%
White	778	81.5%	77.3%	White	239	76.9%	82.6%
Chi-square, X-tab ⁶ : .143 not sig.				Chi-square, X-tab ⁶ : .229 not sig.			
Odds ratio Exp(B) ⁷ : .724 not sig.				Odds ratio Exp(B) ⁷ : 1.332 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	43.9%	31.1%	23.5%	1.5%	NW	2	N/A
Hispanic	33.9%	30.4%	33.9%	1.8%	White	0	N/A
White	47.9%	34.2%	14.0%	3.9%			
Other	54.8%	35.5%	9.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .002* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BELMONT POLICE DEPARTMENT**

Total Citations ¹ : 330	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.0%	Citations per 1000	
	Passing through:	78.0%	18 + residents:	16.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 296)				ITP Stops ³ (N = 142)			
Mean age				Mean age			
43.88				43.64			
Gender %				Gender %			
Female 32.3%				Female 28.1%			
Male 67.4%				Male 71.9%			
Non-binary 0.3%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.4%				Race % Mis/Unk ⁴ 4.2%			
AA/Black 7.0%				AA/Black 5.1%			
Hispanic 9.1%				Hispanic 5.9%			
White 62.9%				White 66.2%			
Other 21.0%				Other 22.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.0%	1.5%	5.5%	AA/Black	7.0%	14.5%	-7.5%
Hispanic	9.1%	4.3%	4.8%	Hispanic	9.1%	15.2%	-6.1%
White	62.9%	73.2%	-10.3%	White	62.9%	65.1%	-2.2%
Other	21.0%	21.3%	-0.3%	Other	21.0%	5.2%	15.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	97	34.0%	45.6%	NW	37	31.0%	31.3%
White	169	66.0%	54.4%	White	82	69.0%	68.8%
Chi-square, X-tab ⁶ :		.106	not sig.	Chi-square, X-tab ⁶ :		.982	not sig.
Odds ratio Exp(B) ⁷ :		.602	not sig.	Odds ratio Exp(B) ⁷ :		.954	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	69.6%	13.0%	13.0%	4.3%	NW	0	
Hispanic	57.1%	10.7%	21.4%	10.7%	White	1	
White	85.6%	5.4%	7.9%	1.0%			
Other	86.4%	10.6%	3.0%	0.0%			
Chi-square, X-tab ⁶ :		.001*	sig.			Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BERKLEY POLICE DEPARTMENT**

Total Citations ¹ : 140	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	0.0%	Citations per 1000	
	Passing through:	100.0%	18 + residents:	27

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 118)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
33.5				N/A			
Gender %				Gender %			
Female 34.7%				Female N/A			
Male 65.3%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ N/A			
AA/Black 9.5%				AA/Black N/A			
Hispanic 0.0%				Hispanic N/A			
White 89.7%				White N/A			
Other 0.9%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.5%	0.3%	9.2%	AA/Black	9.5%	14.5%	-5.0%
Hispanic	0.0%	0.1%	-0.1%	Hispanic	0.0%	15.2%	-15.2%
White	89.7%	96.3%	-6.6%	White	89.7%	65.1%	24.6%
Other	0.9%	1.9%	-1.0%	Other	0.9%	5.2%	-4.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	33.3%	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%			
Chi-square, X-tab ⁶ : .696 not sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BERLIN POLICE DEPARTMENT**

Total Citations ¹ : 794	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	7.8%	Citations per 1000	
	Passing through:	92.2%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 761)				ITP Stops ³ (N = 228)			
Mean age				Mean age			
39.04				36.92			
Gender %				Gender %			
Female 38.2%				Female 44.3%			
Male 61.8%				Male 55.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 3.5%				AA/Black 3.6%			
Hispanic 15.3%				Hispanic 22.7%			
White 78.8%				White 70.7%			
Other 2.4%				Other 3.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.5%	N/A	N/A	AA/Black	3.5%	14.5%	-11.0%
Hispanic	15.3%	N/A	N/A	Hispanic	15.3%	15.2%	0.1%
White	78.8%	N/A	N/A	White	78.8%	65.1%	13.7%
Other	2.4%	N/A	N/A	Other	2.4%	5.2%	-2.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	151	18.2%	39.5%	NW	59	24.7%	41.3%
White	577	81.8%	60.5%	White	149	75.3%	58.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .027* sig.			
Odds ratio Exp(B) ⁷ : .288* sig.				Odds ratio Exp(B) ⁷ : .447 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	61.5%	23.1%	15.4%	0.0%	NW	0	
Hispanic	51.2%	19.8%	28.9%	0.0%	White	4	
White	69.8%	23.9%	5.7%	0.7%			
Other	88.9%	11.1%	0.0%	0.0%			
Chi-square, X-tab ⁶ : .000* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BEVERLY POLICE DEPARTMENT**

Total Citations ¹ : 1,924	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	32.1%	Citations per 1000	
	Passing through:	67.9%	18 + residents:	55.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,801)				ITP Stops ³ (N = 620)			
Mean age				Mean age			
39.45				38.33			
Gender %				Gender %			
Female		45.6%		Female		41.8%	
Male		54.3%		Male		58.0%	
Non-binary		0.1%		Non-binary		0.2%	
Race % Mis/Unk ⁴ 4.8%				Race % Mis/Unk ⁴ 4.8%			
AA/Black		4.0%		AA/Black		3.9%	
Hispanic		7.6%		Hispanic		8.1%	
White		85.5%		White		85.4%	
Other		2.9%		Other		2.5%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.0%	2.1%	1.9%	AA/Black	4.0%	14.5%	-10.5%
Hispanic	7.6%	5.1%	2.5%	Hispanic	7.6%	15.2%	-7.6%
White	85.5%	88.5%	-3.0%	White	85.5%	65.1%	20.4%
Other	2.9%	5.1%	-2.2%	Other	2.9%	5.2%	-2.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	222	12.9%	18.4%	NW	71	13.0%	14.4%
White	1,376	87.1%	81.6%	White	457	87.0%	85.6%
Chi-square, X-tab ⁶ :		.015*	sig.	Chi-square, X-tab ⁶ :		.672	not sig.
Odds ratio Exp(B) ⁷ :		.691*	sig.	Odds ratio Exp(B) ⁷ :		.875	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.1%	11.7%	29.9%	1.3%	NW	2	N/A
Hispanic	57.3%	16.1%	21.7%	4.9%	White	6	N/A
White	73.7%	16.7%	8.3%	1.4%			
Other	78.8%	15.4%	5.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BILLERICA POLICE DEPARTMENT**

Total Citations ¹ : 3,315	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	38.0%	Citations per 1000	
	Passing through:	62.0%	18 + residents:	94.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,211)				ITP Stops ³ (N = 934)			
Mean age				Mean age			
37.68				37.63			
Gender %				Gender %			
Female		34.6%		Female		34.8%	
Male		65.4%		Male		64.9%	
Non-binary		0.1%		Non-binary		0.3%	
Race % Mis/Unk ⁴				Race % Mis/Unk ⁴			
AA/Black		8.7%		AA/Black		9.2%	
Hispanic		11.3%		Hispanic		10.3%	
White		72.7%		White		73.5%	
Other		7.3%		Other		7.0%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.7%	4.8%	3.9%	AA/Black	8.7%	14.5%	-5.8%
Hispanic	11.3%	4.5%	6.8%	Hispanic	11.3%	15.2%	-3.9%
White	72.7%	81.8%	-9.1%	White	72.7%	65.1%	7.6%
Other	7.3%	9.4%	-2.1%	Other	7.3%	5.2%	2.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	779	26.2%	33.2%	NW	196	24.2%	33.1%
White	2,081	73.8%	66.8%	White	553	75.8%	66.9%
Chi-square, X-tab ⁶ :		.004*	sig.	Chi-square, X-tab ⁶ :		.022*	sig.
Odds ratio Exp(B) ⁷ :		.731*	sig.	Odds ratio Exp(B) ⁷ :		.618	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.2%	28.4%	12.5%	1.9%	NW	5	N/A
Hispanic	44.4%	29.1%	22.3%	4.2%	White	5	N/A
White	59.2%	33.0%	7.1%	0.7%			
Other	63.5%	27.9%	7.2%	1.4%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BLACKSTONE POLICE DEPARTMENT**

Total Citations ¹ : 396	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.2%	Citations per 1000	
	Passing through:	79.8%	18 + residents:	54.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 371)				ITP Stops ³ (N = 164)			
Mean age				Mean age			
34.64				33.94			
Gender %				Gender %			
Female 34.6%				Female 30.0%			
Male 65.4%				Male 70.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.5%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 6.8%				AA/Black 3.0%			
Hispanic 16.3%				Hispanic 17.1%			
White 76.2%				White 78.7%			
Other 0.8%				Other 1.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.8%	1.2%	5.6%	AA/Black	6.8%	14.5%	-7.7%
Hispanic	16.3%	2.4%	13.9%	Hispanic	16.3%	15.2%	1.1%
White	76.2%	93.5%	-17.3%	White	76.2%	65.1%	11.1%
Other	0.8%	3.1%	-2.3%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82	19.7%	30.1%	NW	30	14.3%	33.3%
White	270	80.3%	69.9%	White	120	85.7%	66.7%
Chi-square, X-tab ⁶ :			.027* sig.	Chi-square, X-tab ⁶ :			.008* sig.
Odds ratio Exp(B) ⁷ :			.641 not sig.	Odds ratio Exp(B) ⁷ :			.310 not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	52.0%	8.0%	28.0%	12.0%	NW	5	N/A
Hispanic	15.9%	17.5%	61.9%	4.8%	White	7	N/A
White	55.4%	16.5%	24.8%	3.3%			
Other	33.3%	66.7%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :			.000* sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOLTON POLICE DEPARTMENT**

Total Citations ¹ : 1,743	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	7.1%	Citations per 1000	
	Passing through:	92.9%	18 + residents:	449.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,689)				ITP Stops ³ (N = 595)			
Mean age				Mean age			
37.18				36.74			
Gender %				Gender %			
Female 33.4%				Female 32.3%			
Male 66.6%				Male 67.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 8.0%				AA/Black 5.9%			
Hispanic 19.5%				Hispanic 24.5%			
White 69.7%				White 66.7%			
Other 2.8%				Other 2.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.0%	0.3%	7.7%	AA/Black	8.0%	14.5%	-6.5%
Hispanic	19.5%	1.4%	18.1%	Hispanic	19.5%	15.2%	4.3%
White	69.7%	92.5%	-22.8%	White	69.7%	65.1%	4.6%
Other	2.8%	6.5%	-3.7%	Other	2.8%	5.2%	-2.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	483	26.5%	40.2%	NW	178	32.4%	39.6%
White	1,097	73.5%	59.8%	White	336	67.6%	60.4%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.111	not sig.
Odds ratio Exp(B) ⁷ :		.544*	sig.	Odds ratio Exp(B) ⁷ :		.613*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.2%	16.4%	21.6%	0.7%	NW	0	N/A
Hispanic	37.7%	15.7%	43.5%	3.2%	White	0	N/A
White	72.3%	15.2%	10.9%	1.6%			
Other	66.7%	18.8%	14.6%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOURNE POLICE DEPARTMENT**

Total Citations ¹ : 2,919	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.2%	Citations per 1000	
	Passing through:	87.8%	18 + residents:	170.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,673)				ITP Stops ³ (N = 1,043)			
Mean age				Mean age			
39.59				39.95			
Gender %				Gender %			
Female 36.1%				Female 32.5%			
Male 63.8%				Male 67.4%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 10.5%				AA/Black 10.0%			
Hispanic 1.7%				Hispanic 1.7%			
White 87.0%				White 87.5%			
Other 0.8%				Other 0.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.5%	1.3%	9.2%	AA/Black	10.5%	14.5%	-4.0%
Hispanic	1.7%	2.7%	-1.0%	Hispanic	1.7%	15.2%	-13.5%
White	87.0%	88.5%	-1.5%	White	87.0%	65.1%	21.9%
Other	0.8%	5.7%	-4.9%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	318	10.2%	15.8%	NW	115	12.1%	13.3%
White	2,164	89.8%	84.2%	White	796	87.9%	86.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .577 not sig.			
Odds ratio Exp(B) ⁷ : .589* sig.				Odds ratio Exp(B) ⁷ : .694 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.5%	10.9%	13.2%	2.3%	NW	1	N/A
Hispanic	50.9%	7.5%	30.2%	11.3%	White	10	N/A
White	79.4%	10.3%	7.7%	2.6%			
Other	87.0%	8.7%	0.0%	4.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOXBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 135	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.5%	Citations per 1000	
	Passing through:	83.5%	18 + residents:	30

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 127)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
40.76				N/A			
Gender %				Gender %			
Female 32.1%				Female N/A			
Male 67.9%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 9.4%				Race % Mis/Unk ⁴ 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			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.0%	0.7%	6.3%	AA/Black	7.0%	14.5%	-7.5%
Hispanic	17.4%	5.1%	12.3%	Hispanic	17.4%	15.2%	2.2%
White	66.1%	73.4%	-7.3%	White	66.1%	65.1%	1.0%
Other	9.6%	21.1%	-11.5%	Other	9.6%	5.2%	4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	36.0%	25.0%	NW	N/A	N/A	N/A
White	72	64.0%	75.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .350 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 1.672 not sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	33.3%	22.2%	44.4%	0.0%	NW	0 N/A
Hispanic	19.0%	9.5%	57.1%	14.3%	White	0 N/A
White	33.3%	14.8%	44.4%	7.4%		
Other	58.3%	0.0%	41.7%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ : .378 not sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOXFORD POLICE DEPARTMENT**

Total Citations ¹ : 404	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.3%	Citations per 1000	
	Passing through:	93.7%	18 + residents:	65.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 394)				ITP Stops ³ (N = 115)			
Mean age				Mean age			
37.68				35.79			
Gender %				Gender %			
Female 24.6%				Female 29.4%			
Male 75.4%				Male 70.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 69.8%				Race % Mis/Unk ⁴ 67.8%			
AA/Black 0.8%				AA/Black 24.3%			
Hispanic 16.8%				Hispanic 0.0%			
White 81.5%				White 75.7%			
Other 0.8%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	0.8%	0.0%	0.8%	AA/Black	0.8%	14.5%	-13.7%
Hispanic	16.8%	2.5%	14.3%	Hispanic	16.8%	15.2%	1.6%
White	81.5%	93.0%	-11.5%	White	81.5%	65.1%	16.4%
Other	0.8%	5.8%	-5.0%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	0.0%	100.0%	0.0%	NW	0	N/A
Hispanic	20.0%	55.0%	25.0%	0.0%	White	0	N/A
White	37.9%	46.6%	12.6%	2.9%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.242	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOYLSTON POLICE DEPARTMENT**

Total Citations ¹ : 406	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.7%	Citations per 1000	
	Passing through:	93.3%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 386)				ITP Stops ³ (N = 110)			
Mean age				Mean age			
33.76				33.93			
Gender %				Gender %			
Female 36.7%				Female 36.1%			
Male 63.3%				Male 63.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 13.5%				Race % Mis/Unk ⁴ 23.6%			
AA/Black 10.2%				AA/Black 11.9%			
Hispanic 23.1%				Hispanic 26.2%			
White 62.9%				White 59.5%			
Other 3.9%				Other 2.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.2%	N/A	N/A	AA/Black	10.2%	14.5%	-4.3%
Hispanic	23.1%	N/A	N/A	Hispanic	23.1%	15.2%	7.9%
White	62.9%	N/A	N/A	White	62.9%	65.1%	-2.2%
Other	3.9%	N/A	N/A	Other	3.9%	5.2%	-1.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	120	36.0%	39.8%	NW	31	48.5%	36.6%
White	202	64.0%	60.2%	White	43	51.5%	63.4%
Chi-square, X-tab ⁶ : .502 <i>not sig.</i>				Chi-square, X-tab ⁶ : .302 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .837 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : 1.382 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.5%	21.6%	37.8%	0.0%	NW	16	N/A
Hispanic	38.6%	8.4%	49.4%	3.6%	White	16	N/A
White	64.4%	9.6%	25.6%	0.5%			
Other	61.5%	15.4%	23.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BRAINTREE POLICE DEPARTMENT**

Total Citations ¹ : 355	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	24.7%	Citations per 1000	
	Passing through:	75.3%	18 + residents:	12.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 264)				ITP Stops ³ (N = 104)			
Mean age				Mean age			
36.45				36.15			
Gender %				Gender %			
Female 29.0%				Female 29.1%			
Male 71.0%				Male 70.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.2%				Race % Mis/Unk ⁴ 8.7%			
AA/Black 24.5%				AA/Black 25.3%			
Hispanic 10.2%				Hispanic 12.6%			
White 56.3%				White 53.7%			
Other 9.0%				Other 8.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	24.5%	3.0%	21.5%	AA/Black	24.5%	14.5%	10.0%
Hispanic	10.2%	2.1%	8.1%	Hispanic	10.2%	15.2%	-5.0%
White	56.3%	79.4%	-23.1%	White	56.3%	65.1%	-8.8%
Other	9.0%	15.6%	-6.6%	Other	9.0%	5.2%	3.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	100	39.8%	50.5%	NW	38	45.1%	51.7%
White	124	60.2%	49.5%	White	42	54.9%	48.3%
Chi-square, X-tab ⁶ :		.110	not sig.	Chi-square, X-tab ⁶ :		.568	not sig.
Odds ratio Exp(B) ⁷ :		.617	not sig.	Odds ratio Exp(B) ⁷ :		.891	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	28.6%	4.3%	58.6%	8.6%	NW	3	N/A
Hispanic	37.2%	9.3%	46.5%	7.0%	White	12	N/A
White	36.9%	8.4%	42.5%	12.3%			
Other	70.6%	14.7%	14.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.001*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BREWSTER POLICE DEPARTMENT**

Total Citations ¹ : 376	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	36.4%	Citations per 1000	
	Passing through:	63.6%	18 + residents:	46

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 316)				ITP Stops ³ (N = 125)			
Mean age				Mean age			
41				37.29			
Gender %				Gender %			
Female 42.9%				Female 38.7%			
Male 57.1%				Male 61.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 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%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.7%	1.0%	7.7%	AA/Black	8.7%	14.5%	-5.8%
Hispanic	2.9%	2.2%	0.7%	Hispanic	2.9%	15.2%	-12.3%
White	86.5%	94.7%	-8.2%	White	86.5%	65.1%	21.4%
Other	1.9%	2.5%	-0.6%	Other	1.9%	5.2%	-3.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	10.2%	21.2%	NW	N/A	N/A	N/A
White	252	89.8%	78.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.012*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.450*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	76.7%	10.0%	10.0%	3.3%	NW	0	N/A
Hispanic	66.7%	0.0%	20.0%	13.3%	White	1	N/A
White	75.7%	8.2%	9.1%	6.9%			
Other	85.7%	14.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.704	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BRIDGEWATER POLICE DEPARTMENT**

Total Citations ¹ : 2,328	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.0%	Citations per 1000	
	Passing through:	71.0%	18 + residents:	103

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,152)				ITP Stops ³ (N = 822)			
Mean age				Mean age			
34.87				36.18			
Gender %				Gender %			
Female 35.1%				Female 33.5%			
Male 64.8%				Male 66.5%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 17.1%				AA/Black 13.9%			
Hispanic 6.0%				Hispanic 4.6%			
White 75.0%				White 79.7%			
Other 1.8%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	17.1%	8.6%	8.5%	AA/Black	17.1%	14.5%	2.6%
Hispanic	6.0%	3.9%	2.1%	Hispanic	6.0%	15.2%	-9.2%
White	75.0%	83.5%	-8.5%	White	75.0%	65.1%	9.9%
Other	1.8%	4.7%	-2.9%	Other	1.8%	5.2%	-3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	504	22.2%	29.5%	NW	142	18.8%	21.7%
White	1,513	77.8%	70.5%	White	575	81.2%	78.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .356 not sig.			
Odds ratio Exp(B) ⁷ : .707* sig.				Odds ratio Exp(B) ⁷ : .913 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	71.5%	9.1%	15.1%	4.3%	NW	0	
Hispanic	64.9%	9.0%	23.1%	3.0%	White	1	
White	82.9%	5.5%	7.5%	4.1%			
Other	83.3%	7.1%	9.5%	0.0%			
Chi-square, X-tab ⁶ : .000* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BRIMFIELD POLICE DEPARTMENT**

Total Citations ¹ : 104	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	9.6%	Citations per 1000	
	Passing through:	90.4%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 94)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.76				N/A			
Gender %				Gender %			
Female 34.4%				Female N/A			
Male 65.6%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ N/A			
AA/Black 5.5%				AA/Black N/A			
Hispanic 11.0%				Hispanic N/A			
White 82.4%				White N/A			
Other 1.1%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.5%	N/A	N/A	AA/Black	5.5%	14.5%	-9.0%
Hispanic	11.0%	N/A	N/A	Hispanic	11.0%	15.2%	-4.2%
White	82.4%	N/A	N/A	White	82.4%	65.1%	17.3%
Other	1.1%	N/A	N/A	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	40.0%	0.0%	60.0%	0.0%	NW	1
Hispanic	27.3%	0.0%	72.7%	0.0%	White	0
White	53.6%	21.4%	20.2%	4.8%		
Other	100.0%	0.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.032*	sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BROCKTON POLICE DEPARTMENT

Total Citations ¹ : 3,594	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	58.5%	Citations per 1000	
	Passing through:	41.5%	18 + residents:	50.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,531)				ITP Stops ³ (N = 931)			
Mean age				Mean age			
37.37				36.95			
Gender %				Gender %			
Female		34.4%		Female		37.8%	
Male		65.6%		Male		62.1%	
Non-binary		0.0%		Non-binary		0.1%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
AA/Black		68.2%		AA/Black		72.5%	
Hispanic		2.4%		Hispanic		2.1%	
White		28.9%		White		25.1%	
Other		0.4%		Other		0.3%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	68.2%	45.6%	22.6%	AA/Black	68.2%	14.5%	53.7%
Hispanic	2.4%	11.1%	-8.7%	Hispanic	2.4%	15.2%	-12.8%
White	28.9%	30.8%	-1.9%	White	28.9%	65.1%	-36.2%
Other	0.4%	6.0%	-5.6%	Other	0.4%	5.2%	-4.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,547	69.3%	75.1%	NW	626	74.9%	73.0%
White	641	30.7%	24.9%	White	216	25.1%	27.0%
Chi-square, X-tab ⁶ :		.009*	<i>sig.</i>	Chi-square, X-tab ⁶ :		.579	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.733*	<i>sig.</i>	Odds ratio Exp(B) ⁷ :		1.014	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	46.3%	33.2%	17.3%	3.2%	NW	28	N/A
Hispanic	28.3%	32.3%	34.3%	5.1%	White	16	N/A
White	54.1%	29.5%	15.7%	0.7%			
Other	38.9%	38.9%	22.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BROOKFIELD POLICE DEPARTMENT**

Total Citations ¹ : 157	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.3%	Citations per 1000	
	Passing through:	82.7%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 150)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
34.61				N/A			
Gender %				Gender %			
Female 40.7%				Female N/A			
Male 59.3%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ N/A			
AA/Black 4.7%				AA/Black N/A			
Hispanic 7.4%				Hispanic N/A			
White 86.5%				White N/A			
Other 1.4%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.7%	N/A	N/A	AA/Black	4.7%	14.5%	-9.8%
Hispanic	7.4%	N/A	N/A	Hispanic	7.4%	15.2%	-7.8%
White	86.5%	N/A	N/A	White	86.5%	65.1%	21.4%
Other	1.4%	N/A	N/A	Other	1.4%	5.2%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	20	14.5%	13.8%	NW	N/A	N/A	N/A
White	121	85.5%	86.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .911 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 1.076 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	50.0%	12.5%	25.0%	12.5%	NW	1
Hispanic	83.3%	0.0%	8.3%	8.3%	White	1
White	72.2%	7.5%	16.5%	3.8%		
Other	50.0%	50.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ : .381 <i>not sig.</i>						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BROOKLINE POLICE DEPARTMENT**

Total Citations ¹ : 2,837	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.4%	Citations per 1000	
	Passing through:	88.4%	18 + residents:	59

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,706)				ITP Stops ³ (N = 1,148)			
Mean age				Mean age			
40.8				39.5			
Gender %				Gender %			
Female 37.1%				Female 40.1%			
Male 62.8%				Male 59.9%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 19.8%				AA/Black 19.6%			
Hispanic 13.0%				Hispanic 13.3%			
White 54.1%				White 54.1%			
Other 13.2%				Other 13.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	19.8%	3.2%	16.6%	AA/Black	19.8%	14.5%	5.3%
Hispanic	13.0%	6.8%	6.2%	Hispanic	13.0%	15.2%	-2.2%
White	54.1%	68.0%	-13.9%	White	54.1%	65.1%	-11.0%
Other	13.2%	22.6%	-9.4%	Other	13.2%	5.2%	8.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,153	43.5%	54.1%	NW	480	43.4%	52.6%
White	1,344	56.5%	45.9%	White	560	56.6%	47.4%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .007* sig.			
Odds ratio Exp(B) ⁷ : .651* sig.				Odds ratio Exp(B) ⁷ : .595* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.0%	14.2%	4.4%	0.4%	NW	3	N/A
Hispanic	74.2%	20.4%	4.9%	0.5%	White	2	N/A
White	82.1%	15.3%	2.4%	0.2%			
Other	83.7%	14.9%	1.4%	0.0%			
Chi-square, X-tab ⁶ : .004* sig.							
					Counts	Percent	

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BURLINGTON POLICE DEPARTMENT**

Total Citations ¹ : 2,715	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.1%	Citations per 1000	
	Passing through:	74.9%	18 + residents:	119.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,659)				ITP Stops ³ (N = 1,012)			
Mean age				Mean age			
41.66				40.65			
Gender %				Gender %			
Female 43.7%				Female 39.3%			
Male 56.3%				Male 60.6%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 8.3%				AA/Black 8.7%			
Hispanic 7.2%				Hispanic 8.3%			
White 70.7%				White 67.1%			
Other 13.9%				Other 15.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	8.3%	4.5%	3.8%	AA/Black	8.3%	14.5% -6.2%
Hispanic	7.2%	3.1%	4.1%	Hispanic	7.2%	15.2% -8.0%
White	70.7%	71.5%	-0.8%	White	70.7%	65.1% 5.6%
Other	13.9%	21.0%	-7.1%	Other	13.9%	5.2% 8.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	740	27.1%	38.8%	NW	308	33.2%	35.3%
White	1,751	72.9%	61.2%	White	601	66.8%	64.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .534 not sig.			
Odds ratio Exp(B) ⁷ : .582* sig.				Odds ratio Exp(B) ⁷ : 1.089 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	84.9%	5.8%	7.6%	1.8%	NW	0	N/A
Hispanic	77.4%	4.2%	16.3%	2.1%	White	1	N/A
White	90.2%	6.0%	3.3%	0.5%			
Other	90.0%	7.6%	2.2%	0.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CAMBRIDGE POLICE DEPARTMENT**

Total Citations ¹ : 4,569	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.2%	Citations per 1000	
	Passing through:	79.8%	18 + residents:	43.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,332)				ITP Stops ³ (N = 2,018)			
Mean age				Mean age			
40.28				39.63			
Gender %				Gender %			
Female 33.6%				Female 33.1%			
Male 66.3%				Male 66.7%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 2.6%			
AA/Black 19.2%				AA/Black 19.1%			
Hispanic 12.1%				Hispanic 12.4%			
White 54.0%				White 52.5%			
Other 14.8%				Other 16.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	19.2%	10.7%	8.5%	AA/Black	19.2%	14.5%	4.7%
Hispanic	12.1%	9.5%	2.6%	Hispanic	12.1%	15.2%	-3.1%
White	54.0%	59.8%	-5.8%	White	54.0%	65.1%	-11.1%
Other	14.8%	21.4%	-6.6%	Other	14.8%	5.2%	9.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,794	42.9%	53.4%	NW	848	45.1%	50.9%
White	2,134	57.1%	46.6%	White	962	54.9%	49.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .024* sig.			
Odds ratio Exp(B) ⁷ : .639* sig.				Odds ratio Exp(B) ⁷ : .736* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.3%	17.3%	12.5%	1.9%	NW	15	N/A
Hispanic	63.9%	21.0%	12.8%	2.3%	White	7	N/A
White	73.0%	21.6%	5.1%	0.4%			
Other	76.2%	19.1%	3.9%	0.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CANTON POLICE DEPARTMENT**

Total Citations ¹ : 3,617	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.4%	Citations per 1000	
	Passing through:	71.6%	18 + residents:	194.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,583)				ITP Stops ³ (N = 1,806)			
Mean age				Mean age			
40.11				39.97			
Gender %				Gender %			
Female 44.7%				Female 44.1%			
Male 55.2%				Male 55.8%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 10.9%				Race % Mis/Unk ⁴ 11.4%			
AA/Black 30.5%				AA/Black 29.5%			
Hispanic 3.6%				Hispanic 2.7%			
White 60.9%				White 62.5%			
Other 5.0%				Other 5.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	30.5%	5.2%	25.3%	AA/Black	30.5%	14.5%	16.0%
Hispanic	3.6%	4.1%	-0.5%	Hispanic	3.6%	15.2%	-11.6%
White	60.9%	80.9%	-20.0%	White	60.9%	65.1%	-4.2%
Other	5.0%	9.3%	-4.3%	Other	5.0%	5.2%	-0.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,158	34.5%	49.0%	NW	515	33.1%	44.7%
White	1,805	65.5%	51.0%	White	863	66.9%	55.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .555* sig.				Odds ratio Exp(B) ⁷ : .603* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	89.7%	3.6%	5.8%	0.9%	NW	3	N/A
Hispanic	85.2%	0.9%	13.0%	0.9%	White	3	N/A
White	95.4%	1.6%	2.4%	0.6%			
Other	97.5%	1.3%	0.0%	1.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CARVER POLICE DEPARTMENT**

Total Citations ¹ : 116	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	33.8%	Citations per 1000	
	Passing through:	66.2%	18 + residents:	12.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 71)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.79				N/A			
Gender %				Gender %			
Female 34.3%				Female N/A			
Male 65.7%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 8.5%				Race % Mis/Unk ⁴ N/A			
AA/Black 3.1%				AA/Black N/A			
Hispanic 3.1%				Hispanic N/A			
White 93.8%				White N/A			
Other 0.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.1%	0.5%	2.6%	AA/Black	3.1%	14.5%	-11.4%
Hispanic	3.1%	2.4%	0.7%	Hispanic	3.1%	15.2%	-12.1%
White	93.8%	92.5%	1.3%	White	93.8%	65.1%	28.7%
Other	0.0%	3.3%	-3.3%	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	33.3%	66.7%	0.0%	NW	0	N/A
Hispanic	50.0%	0.0%	50.0%	0.0%	White	0	N/A
White	44.7%	18.4%	32.0%	4.9%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.738	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CHARLTON POLICE DEPARTMENT**

Total Citations ¹ : 1,518	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.9%	Citations per 1000	
	Passing through:	82.1%	18 + residents:	141.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,464)				ITP Stops ³ (N = 440)			
Mean age				Mean age			
37.35				36.91			
Gender %				Gender %			
Female 39.5%				Female 33.7%			
Male 60.5%				Male 66.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 9.0%				AA/Black 11.5%			
Hispanic 18.4%				Hispanic 20.9%			
White 69.7%				White 64.0%			
Other 2.9%				Other 3.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.0%	0.9%	8.1%	AA/Black	9.0%	14.5%	-5.5%
Hispanic	18.4%	6.1%	12.3%	Hispanic	18.4%	15.2%	3.2%
White	69.7%	90.5%	-20.8%	White	69.7%	65.1%	4.6%
Other	2.9%	3.7%	-0.8%	Other	2.9%	5.2%	-2.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	414	23.1%	41.3%	NW	132	32.2%	36.3%
White	982	76.9%	58.7%	White	255	67.8%	63.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .396 not sig.			
Odds ratio Exp(B) ⁷ : .398* sig.				Odds ratio Exp(B) ⁷ : .479* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.5%	4.5%	10.5%	4.5%	NW	1	N/A
Hispanic	73.8%	13.6%	9.7%	2.9%	White	2	N/A
White	81.2%	11.4%	4.8%	2.6%			
Other	86.0%	11.6%	2.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .003* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CHELMSFORD POLICE DEPARTMENT**

Total Citations ¹ : 1,991	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.7%	Citations per 1000	
	Passing through:	79.3%	18 + residents:	70.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,872)				ITP Stops ³ (N = 403)			
Mean age				Mean age			
39.47				37.58			
Gender %				Gender %			
Female 40.9%				Female 38.9%			
Male 59.0%				Male 61.1%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.4%				Race % Mis/Unk ⁴ 11.9%			
AA/Black 6.4%				AA/Black 5.6%			
Hispanic 10.8%				Hispanic 10.1%			
White 69.9%				White 69.6%			
Other 12.9%				Other 14.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.4%	0.9%	5.5%	AA/Black	6.4%	14.5%	-8.1%
Hispanic	10.8%	3.3%	7.5%	Hispanic	10.8%	15.2%	-4.4%
White	69.9%	85.2%	-15.3%	White	69.9%	65.1%	4.8%
Other	12.9%	11.0%	1.9%	Other	12.9%	5.2%	7.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	507	27.7%	46.6%	NW	95	24.6%	43.4%
White	1,171	72.3%	53.4%	White	210	75.4%	56.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .001* sig			
Odds ratio Exp(B) ⁷ : .432* sig.				Odds ratio Exp(B) ⁷ : .340* sig			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.3%	26.1%	9.2%	3.4%	NW	3	N/A
Hispanic	55.2%	27.1%	14.3%	3.4%	White	2	N/A
White	72.3%	21.0%	5.0%	1.7%			
Other	74.0%	21.1%	3.7%	1.2%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CHELSEA POLICE DEPARTMENT**

Total Citations ¹ : 1,538	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.6%	Citations per 1000	
	Passing through:	64.4%	18 + residents:	52.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,357)				ITP Stops ³ (N = 314)			
Mean age				Mean age			
40.47				39.18			
Gender %				Gender %			
Female 31.1%				Female 26.1%			
Male 68.9%				Male 73.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.5%				Race % Mis/Unk ⁴ 6.7%			
AA/Black 11.8%				AA/Black 12.3%			
Hispanic 32.3%				Hispanic 36.5%			
White 53.6%				White 49.8%			
Other 2.3%				Other 1.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.8%	6.4%	5.4%	AA/Black	11.8%	14.5%	-2.7%
Hispanic	32.3%	67.0%	-34.7%	Hispanic	32.3%	15.2%	17.1%
White	53.6%	20.6%	33.0%	White	53.6%	65.1%	-11.5%
Other	2.3%	36.9%	-34.6%	Other	2.3%	5.2%	-2.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	546	46.8%	46.5%	NW	135	52.0%	48.3%
White	623	53.2%	53.5%	White	131	48.0%	51.7%
Chi-square, X-tab ⁶ :		.944	not sig.	Chi-square, X-tab ⁶ :		.573	not sig.
Odds ratio Exp(B) ⁷ :		1.061	not sig.	Odds ratio Exp(B) ⁷ :		1.862	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.8%	10.8%	15.8%	0.6%	NW	7	N/A
Hispanic	64.9%	8.1%	24.1%	2.9%	White	8	N/A
White	67.1%	12.7%	15.9%	4.4%			
Other	77.4%	9.7%	6.5%	6.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.001*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CHESHIRE POLICE DEPARTMENT**

Total Citations ¹ : 115	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		13.2%	Citations per 1000			
	Passing through:		86.8%	18 + residents:		N/A	
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 114)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
35.39				N/A			
Gender %				Gender %			
Female		48.2%		Female		N/A	
Male		51.8%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		0.9%				N/A	
AA/Black		14.2%		AA/Black		N/A	
Hispanic		3.5%		Hispanic		N/A	
White		82.3%		White		N/A	
Other		0.0%		Other		N/A	
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	14.2%	N/A	N/A	AA/Black	14.2%	14.5%	-0.3%
Hispanic	3.5%	N/A	N/A	Hispanic	3.5%	15.2%	-11.7%
White	82.3%	N/A	N/A	White	82.3%	65.1%	17.2%
Other	0.0%	N/A	N/A	Other	0.0%	5.2%	-5.2%
⁵ State average represents racial/ethnic breakdown of all 2022 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	20	15.5%	25.9%	NW	N/A	N/A	N/A
White	91	84.5%	74.1%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.219	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.435	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.5%	18.8%	18.8%	0.0%	NW	0	N/A
Hispanic	50.0%	25.0%	25.0%	0.0%	White	0	N/A
White	78.7%	13.8%	7.4%	0.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.385	not sig.				
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CHESTER POLICE DEPARTMENT**

Total Citations ¹ : 283	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	18.7%	Citations per 1000	
	Passing through:	81.3%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 283)				ITP Stops ³ (N = 144)			
Mean age				Mean age			
46.11				42.42			
Gender %				Gender %			
Female 44.2%				Female 44.4%			
Male 55.8%				Male 55.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 2.1%			
AA/Black 2.2%				AA/Black 2.8%			
Hispanic 2.5%				Hispanic 2.8%			
White 94.2%				White 92.2%			
Other 1.1%				Other 2.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.2%	N/A	N/A	AA/Black	2.2%	14.5%	-12.3%
Hispanic	2.5%	N/A	N/A	Hispanic	2.5%	15.2%	-12.7%
White	94.2%	N/A	N/A	White	94.2%	65.1%	29.1%
Other	1.1%	N/A	N/A	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0
Hispanic	85.7%	14.3%	0.0%	0.0%	White	1
White	88.1%	11.1%	0.8%	0.0%		
Other	66.7%	33.3%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ : .877 not sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CHICOPEE POLICE DEPARTMENT**

Total Citations ¹ : 6,567	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	43.4%	Citations per 1000	
	Passing through:	56.6%	18 + residents:	148.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,711)				ITP Stops ³ (N = 1,107)			
Mean age				Mean age			
40.89				37.86			
Gender %				Gender %			
Female 43.0%				Female 37.6%			
Male 56.9%				Male 62.2%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 10.3%				AA/Black 14.1%			
Hispanic 29.1%				Hispanic 37.8%			
White 58.7%				White 46.4%			
Other 1.8%				Other 1.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.3%	5.2%	5.1%	AA/Black	10.3%	14.5%	-4.2%
Hispanic	29.1%	21.0%	8.1%	Hispanic	29.1%	15.2%	13.9%
White	58.7%	71.2%	-12.5%	White	58.7%	65.1%	-6.4%
Other	1.8%	4.6%	-2.8%	Other	1.8%	5.2%	-3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,237	35.4%	54.6%	NW	500	51.0%	53.5%
White	3,240	64.6%	45.4%	White	455	49.0%	46.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .440 not sig.			
Odds ratio Exp(B) ⁷ : .434* sig.				Odds ratio Exp(B) ⁷ : .638* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.2%	9.8%	17.7%	7.3%	NW	3	N/A
Hispanic	67.2%	8.7%	18.1%	6.0%	White	22	N/A
White	85.2%	5.9%	6.4%	2.5%			
Other	89.0%	5.1%	5.1%	0.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CLINTON POLICE DEPARTMENT**

Total Citations ¹ : 171	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	45.4%	Citations per 1000	
	Passing through:	54.6%	18 + residents:	24.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 119)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
36.17				N/A			
Gender %				Gender %			
Female 24.8%				Female N/A			
Male 75.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 12.6%				Race % Mis/Unk ⁴ 12.0%			
AA/Black 7.7%				AA/Black N/A			
Hispanic 29.8%				Hispanic N/A			
White 61.5%				White N/A			
Other 1.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.7%	3.4%	4.3%	AA/Black	7.7%	14.5%	-6.8%
Hispanic	29.8%	19.7%	10.1%	Hispanic	29.8%	15.2%	14.6%
White	61.5%	74.9%	-13.4%	White	61.5%	65.1%	-3.6%
Other	1.0%	4.8%	-3.8%	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	34.1%	46.5%	NW	N/A	N/A	N/A
White	52	65.9%	53.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .238 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .591 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	9.1%	18.2%	54.5%	18.2%	NW	0
Hispanic	7.7%	13.5%	57.7%	21.2%	White	0
White	32.6%	18.0%	32.6%	16.9%		
Other	0.0%	50.0%	50.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ : .023* <i>sig.</i>						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
COHASSET POLICE DEPARTMENT**

Total Citations ¹ : 2,433	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	33.0%	Citations per 1000	
	Passing through:	67.0%	18 + residents:	399.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,376)				ITP Stops ³ (N = 1,291)			
Mean age				Mean age			
44.16				43.89			
Gender %				Gender %			
Female 44.8%				Female 40.8%			
Male 55.2%				Male 59.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.5%				Race % Mis/Unk ⁴ 0.3%			
AA/Black 2.7%				AA/Black 3.0%			
Hispanic 4.1%				Hispanic 3.7%			
White 91.1%				White 91.2%			
Other 2.1%				Other 2.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.7%	0.7%	2.0%	AA/Black	2.7%	14.5%	-11.8%
Hispanic	4.1%	1.4%	2.7%	Hispanic	4.1%	15.2%	-11.1%
White	91.1%	95.4%	-4.3%	White	91.1%	65.1%	26.0%
Other	2.1%	2.3%	-0.2%	Other	2.1%	5.2%	-3.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	202	8.7%	10.9%	NW	105	8.4%	11.3%
White	2,029	91.3%	89.1%	White	1,055	91.6%	88.7%
Chi-square, X-tab ⁶ :		.163	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.149	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.849	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.793	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	87.9%	3.0%	6.1%	3.0%	NW	0	N/A
Hispanic	76.5%	5.1%	18.4%	0.0%	White	3	N/A
White	93.9%	3.7%	2.2%	0.3%			
Other	94.3%	5.7%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT COLRAIN POLICE DEPARTMENT

Total Citations ¹ : 303	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	10.9%	Citations per 1000	
	Passing through:	89.1%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 302)				ITP Stops ³ (N = 144)			
Mean age				Mean age			
43.85				42.42			
Gender %				Gender %			
Female 38.3%				Female 44.4%			
Male 61.7%				Male 55.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.6%				Race % Mis/Unk ⁴ 2.1%			
AA/Black 1.4%				AA/Black 2.8%			
Hispanic 2.0%				Hispanic 2.8%			
White 94.2%				White 92.2%			
Other 2.4%				Other 2.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.4%	N/A	N/A	AA/Black	1.4%	14.5%	-13.1%
Hispanic	2.0%	N/A	N/A	Hispanic	2.0%	15.2%	-13.2%
White	94.2%	N/A	N/A	White	94.2%	65.1%	29.1%
Other	2.4%	N/A	N/A	Other	2.4%	5.2%	-2.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0
Hispanic	85.7%	14.3%	0.0%	0.0%	White	1
White	88.1%	11.1%	0.8%	0.0%		
Other	66.7%	33.3%	0.0%	0.0%		
Chi-square, X-tab ⁶ : .877 not sig.						Counts
						Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CONCORD POLICE DEPARTMENT**

Total Citations ¹ : 5,644	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.9%	Citations per 1000	
	Passing through:	82.1%	18 + residents:	393.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,551)				ITP Stops ³ (N = 2,020)			
Mean age				Mean age			
41.19				42.83			
Gender %				Gender %			
Female 41.0%				Female 44.3%			
Male 58.9%				Male 55.6%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 0.4%				Race % Mis/Unk ⁴ 0.4%			
AA/Black 9.9%				AA/Black 5.7%			
Hispanic 10.6%				Hispanic 8.3%			
White 70.0%				White 76.9%			
Other 9.5%				Other 9.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.9%	4.0%	5.9%	AA/Black	9.9%	14.5%	-4.6%
Hispanic	10.6%	7.2%	3.4%	Hispanic	10.6%	15.2%	-4.6%
White	70.0%	79.4%	-9.4%	White	70.0%	65.1%	4.9%
Other	9.5%	10.0%	-0.5%	Other	9.5%	5.2%	4.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,585	21.6%	42.7%	NW	399	21.2%	25.0%
White	3,727	78.4%	57.3%	White	1,410	78.8%	75.0%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .110 not sig.			
Odds ratio Exp(B) ⁷ : .359* sig.				Odds ratio Exp(B) ⁷ : .613* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.0%	18.4%	10.3%	1.3%	NW	0	N/A
Hispanic	58.2%	17.5%	22.4%	1.9%	White	2	N/A
White	82.0%	14.0%	3.2%	0.8%			
Other	76.9%	18.4%	4.4%	0.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DALTON POLICE DEPARTMENT**

Total Citations ¹ : 230	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.7%	Citations per 1000	
	Passing through:	76.3%	18 + residents:	42.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 215)				ITP Stops ³ (N = 112)			
Mean age				Mean age			
37.11				36.4			
Gender %				Gender %			
Female 41.4%				Female 37.5%			
Male 58.6%				Male 62.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 8.8%				Race % Mis/Unk ⁴ 11.6%			
AA/Black 8.2%				AA/Black 8.1%			
Hispanic 0.0%				Hispanic 0.0%			
White 91.8%				White 91.9%			
Other 0.0%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.2%	0.1%	8.1%	AA/Black	8.2%	14.5%	-6.3%
Hispanic	0.0%	2.1%	-2.1%	Hispanic	0.0%	15.2%	-15.2%
White	91.8%	95.4%	-3.6%	White	91.8%	65.1%	26.7%
Other	0.0%	2.2%	-2.2%	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	13	8.6%	7.0%	NW	N/A	N/A	N/A
White	151	91.4%	93.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.714	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.998	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	64.7%	11.8%	17.6%	5.9%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	1	N/A
White	77.7%	5.7%	15.5%	1.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.649	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DANVERS POLICE DEPARTMENT**

Total Citations ¹ : 1,117	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.9%	Citations per 1000	
	Passing through:	80.1%	18 + residents:	50.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 891)				ITP Stops ³ (N = 282)			
Mean age				Mean age			
39.77				39.52			
Gender %				Gender %			
Female 36.8%				Female 35.2%			
Male 63.1%				Male 64.8%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.5%				Race % Mis/Unk ⁴ 2.5%			
AA/Black 8.4%				AA/Black 8.7%			
Hispanic 14.8%				Hispanic 15.3%			
White 74.6%				White 74.2%			
Other 2.2%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.4%	2.4%	6.0%	AA/Black	8.4%	14.5%	-6.1%
Hispanic	14.8%	5.1%	9.7%	Hispanic	14.8%	15.2%	-0.4%
White	74.6%	87.6%	-13.0%	White	74.6%	65.1%	9.5%
Other	2.2%	5.0%	-2.8%	Other	2.2%	5.2%	-3.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	213	20.5%	31.5%	NW	66	28.2%	23.8%
White	591	79.5%	68.5%	White	191	71.8%	76.2%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.427	not sig.
Odds ratio Exp(B) ⁷ :		.544*	sig.	Odds ratio Exp(B) ⁷ :		1.093	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	85.7%	3.6%	7.1%	3.6%	NW	0	
Hispanic	76.7%	6.2%	13.0%	4.1%	White	0	
White	84.9%	2.4%	9.1%	3.6%			
Other	87.0%	4.3%	4.3%	4.3%	Counts	Percent	
Chi-square, X-tab ⁶ :		.329	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DARTMOUTH POLICE DEPARTMENT**

Total Citations ¹ : 2,949	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	30.0%	Citations per 1000	
	Passing through:	70.0%	18 + residents:	101.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,673)				ITP Stops ³ (N = 964)			
Mean age				Mean age			
38.72				38.91			
Gender %				Gender %			
Female 48.6%				Female 42.9%			
Male 51.4%				Male 57.0%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 10.5%				AA/Black 9.9%			
Hispanic 7.0%				Hispanic 7.5%			
White 80.6%				White 80.4%			
Other 2.0%				Other 2.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.5%	3.2%	7.3%	AA/Black	10.5%	14.5%	-4.0%
Hispanic	7.0%	3.1%	3.9%	Hispanic	7.0%	15.2%	-8.2%
White	80.6%	89.1%	-8.5%	White	80.6%	65.1%	15.5%
Other	2.0%	4.6%	-2.6%	Other	2.0%	5.2%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	492	18.2%	23.9%	NW	174	18.4%	23.5%
White	2,035	81.8%	76.1%	White	691	81.6%	76.5%
Chi-square, X-tab ⁶ : .002* sig.				Chi-square, X-tab ⁶ : .077 not sig.			
Odds ratio Exp(B) ⁷ : .773* sig.				Odds ratio Exp(B) ⁷ : 1.101 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.5%	10.8%	23.3%	2.4%	NW	0	N/A
Hispanic	48.5%	6.9%	36.6%	7.9%	White	5	N/A
White	75.3%	10.1%	11.8%	2.8%			
Other	76.8%	10.7%	10.7%	1.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DEDHAM POLICE DEPARTMENT**

Total Citations ¹ : 7,818	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.6%	Citations per 1000	
	Passing through:	82.4%	18 + residents:	383.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,729)				ITP Stops ³ (N = 2,541)			
Mean age				Mean age			
43.15				40.9			
Gender %				Gender %			
Female 46.2%				Female 44.7%			
Male 53.7%				Male 55.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.6%				Race % Mis/Unk ⁴ 2.9%			
AA/Black 20.4%				AA/Black 23.5%			
Hispanic 11.2%				Hispanic 11.1%			
White 63.2%				White 60.2%			
Other 5.2%				Other 5.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	20.4%	8.2%	12.2%	AA/Black	20.4%	14.5%	5.9%
Hispanic	11.2%	8.7%	2.5%	Hispanic	11.2%	15.2%	-4.0%
White	63.2%	78.8%	-15.6%	White	63.2%	65.1%	-1.9%
Other	5.2%	5.4%	-0.2%	Other	5.2%	5.2%	0.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,663	36.2%	44.3%	NW	887	39.8%	41.8%
White	4,567	63.8%	55.7%	White	1,320	60.2%	58.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .463 not sig.			
Odds ratio Exp(B) ⁷ : .734* sig.				Odds ratio Exp(B) ⁷ : .921 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	95.8%	2.9%	1.2%	0.1%	NW	0	N/A
Hispanic	93.8%	5.1%	1.0%	0.0%	White	2	N/A
White	97.5%	1.8%	0.7%	0.0%			
Other	97.2%	2.8%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DEERFIELD POLICE DEPARTMENT**

Total Citations ¹ : 171	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	45.4%	Citations per 1000	
	Passing through:	54.6%	18 + residents:	24.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 119)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
36.17				N/A			
Gender %				Gender %			
Female 24.8%				Female N/A			
Male 75.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 12.6%				Race % Mis/Unk ⁴ 12.0%			
AA/Black 7.7%				AA/Black N/A			
Hispanic 29.8%				Hispanic N/A			
White 61.5%				White N/A			
Other 1.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.7%	3.4%	4.3%	AA/Black	7.7%	14.5%	-6.8%
Hispanic	29.8%	19.7%	10.1%	Hispanic	29.8%	15.2%	14.6%
White	61.5%	74.9%	-13.4%	White	61.5%	65.1%	-3.6%
Other	1.0%	4.8%	-3.8%	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	34.1%	46.5%	NW	N/A	N/A	N/A
White	52	65.9%	53.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .238 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .591 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	9.1%	18.2%	54.5%	18.2%	NW	0
Hispanic	7.7%	13.5%	57.7%	21.2%	White	0
White	32.6%	18.0%	32.6%	16.9%		
Other	0.0%	50.0%	50.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ : .023* <i>sig.</i>						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT DENNIS POLICE DEPARTMENT

Total Citations ¹ : 730	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	3.8%	Citations per 1000	
	Passing through:	96.2%	18 + residents:	60

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 661)				ITP Stops ³ (N = 234)			
Mean age				Mean age			
41.72				40.13			
Gender %				Gender %			
Female 37.4%				Female 34.3%			
Male 62.6%				Male 65.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		2.0%				0.9%	
AA/Black		9.6%		AA/Black		10.3%	
Hispanic		1.5%		Hispanic		0.9%	
White		88.4%		White		88.4%	
Other		0.5%		Other		0.4%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.6%	4.0%	5.6%	AA/Black	9.6%	14.5%	-4.9%
Hispanic	1.5%	2.1%	-0.6%	Hispanic	1.5%	15.2%	-13.7%
White	88.4%	90.8%	-2.4%	White	88.4%	65.1%	23.3%
Other	0.5%	2.9%	-2.4%	Other	0.5%	5.2%	-4.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	64	8.4%	14.4%	NW	20	10.8%	8.5%
White	531	91.6%	85.6%	White	185	89.2%	91.5%
Chi-square, X-tab ⁶ :		.020*	sig.	Chi-square, X-tab ⁶ :		.580	not sig.
Odds ratio Exp(B) ⁷ :		.579*	sig.	Odds ratio Exp(B) ⁷ :		2.305	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.2%	7.0%	25.4%	8.5%	NW	1	N/A
Hispanic	54.5%	9.1%	27.3%	9.1%	White	2	N/A
White	67.9%	7.6%	19.4%	5.1%			
Other	50.0%	25.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.732		not sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DIGHTON POLICE DEPARTMENT**

Total Citations ¹ : 429	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	15.3%	Citations per 1000	
	Passing through:	84.7%	18 + residents:	66.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 404)				ITP Stops ³ (N = 119)			
Mean age				Mean age			
34.29				31.87			
Gender %				Gender %			
Female		31.7%		Female		28.0%	
Male		68.3%		Male		72.0%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.1%				1.7%	
AA/Black		9.0%		AA/Black		9.4%	
Hispanic		5.0%		Hispanic		1.7%	
White		85.2%		White		88.0%	
Other		0.8%		Other		0.9%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.0%	3.1%	5.9%	AA/Black	9.0%	14.5%	-5.5%
Hispanic	5.0%	0.4%	4.6%	Hispanic	5.0%	15.2%	-10.2%
White	85.2%	92.0%	-6.8%	White	85.2%	65.1%	20.1%
Other	0.8%	2.1%	-1.3%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	59	14.1%	18.8%	NW	14	11.4%	17.2%
White	330	85.9%	81.2%	White	94	88.6%	82.8%
Chi-square, X-tab ⁶ :		.288	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.423	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.546	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.556	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	30.8%	25.6%	38.5%	5.1%	NW	0
Hispanic	30.0%	20.0%	45.0%	5.0%	White	0
White	58.5%	18.4%	20.9%	2.2%		
Other	33.3%	33.3%	33.3%	0.0%		
Chi-square, X-tab ⁶ :		.024* sig.				
					Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DOUGLAS POLICE DEPARTMENT**

Total Citations ¹ : 1,506	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.6%	Citations per 1000	
	Passing through:	78.4%	18 + residents:	218.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,453)				ITP Stops ³ (N = 696)			
Mean age				Mean age			
34.32				34.9			
Gender %				Gender %			
Female 36.7%				Female 33.3%			
Male 63.3%				Male 66.7%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.0%				Race % Mis/Unk ⁴ 0.6%			
AA/Black 7.2%				AA/Black 5.2%			
Hispanic 11.7%				Hispanic 11.3%			
White 79.4%				White 82.7%			
Other 1.7%				Other 0.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.2%	0.3%	6.9%	AA/Black	7.2%	14.5%	-7.3%
Hispanic	11.7%	5.7%	6.0%	Hispanic	11.7%	15.2%	-3.5%
White	79.4%	91.1%	-11.7%	White	79.4%	65.1%	14.3%
Other	1.7%	3.0%	-1.3%	Other	1.7%	5.2%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	288	16.5%	25.8%	NW	112	16.5%	20.5%
White	1,080	83.5%	74.2%	White	510	83.5%	79.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .212 not sig.			
Odds ratio Exp(B) ⁷ : .556* sig.				Odds ratio Exp(B) ⁷ : .883 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.4%	8.3%	19.4%	2.8%	NW	1	N/A
Hispanic	53.4%	3.4%	39.8%	3.4%	White	0	N/A
White	77.2%	5.3%	13.7%	3.8%			
Other	83.3%	8.3%	8.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT DOVER POLICE DEPARTMENT

Total Citations ¹ : 318	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.8%	Citations per 1000	
	Passing through:	88.2%	18 + residents:	71.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 297)				ITP Stops ³ (N = 127)			
Mean age				Mean age			
37.35				36.36			
Gender %				Gender %			
Female 38.7%				Female 34.7%			
Male 61.0%				Male 65.3%			
Non-binary 0.3%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.7%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 7.1%				AA/Black 7.2%			
Hispanic 9.2%				Hispanic 12.0%			
White 78.6%				White 76.8%			
Other 5.1%				Other 4.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.1%	0.0%	7.1%	AA/Black	7.1%	14.5%	-7.4%
Hispanic	9.2%	3.1%	6.1%	Hispanic	9.2%	15.2%	-6.0%
White	78.6%	84.8%	-6.2%	White	78.6%	65.1%	13.5%
Other	5.1%	12.4%	-7.3%	Other	5.1%	5.2%	-0.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	60	18.1%	36.7%	NW	26	14.0%	51.9%
White	221	81.9%	63.3%	White	87	86.0%	48.1%
Chi-square, X-tab ⁶ : .004* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .350* sig.				Odds ratio Exp(B) ⁷ : .094* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	45.8%	16.7%	33.3%	4.2%	NW	0	
Hispanic	57.1%	7.1%	32.1%	3.6%	White	0	
White	76.5%	10.1%	9.3%	4.0%			
Other	70.6%	23.5%	5.9%	0.0%			
Chi-square, X-tab ⁶ : .001* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DRACUT POLICE DEPARTMENT**

Total Citations ¹ : 282	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	41.6%	Citations per 1000	
	Passing through:	58.4%	18 + residents:	11.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 243)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
36.83				N/A			
Gender %				Gender %			
Female 33.1%				Female N/A			
Male 66.5%				Male N/A			
Non-binary 0.4%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 12.0%			
AA/Black 11.3%				AA/Black N/A			
Hispanic 20.6%				Hispanic N/A			
White 61.3%				White N/A			
Other 6.7%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.3%	4.5%	6.8%	AA/Black	11.3%	14.5%	-3.2%
Hispanic	20.6%	6.6%	14.0%	Hispanic	20.6%	15.2%	5.4%
White	61.3%	83.4%	-22.1%	White	61.3%	65.1%	-3.8%
Other	6.7%	6.1%	0.6%	Other	6.7%	5.2%	1.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82	33.8%	48.6%	NW	N/A	N/A	N/A
White	129	66.2%	51.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.037*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.602	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	47.1%	20.6%	23.5%	8.8%	NW	1
Hispanic	71.2%	17.3%	5.8%	5.8%	White	2
White	64.7%	19.4%	9.4%	6.5%		
Other	61.1%	38.9%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.067	not sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DUDLEY POLICE DEPARTMENT**

Total Citations ¹ : 401	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.0%	Citations per 1000	
	Passing through:	73.0%	18 + residents:	43

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 366)				ITP Stops ³ (N = 145)			
Mean age				Mean age			
32.32				32.42			
Gender %				Gender %			
Female 39.2%				Female 32.4%			
Male 60.3%				Male 66.9%			
Non-binary 0.5%				Non-binary 0.7%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 2.1%			
AA/Black 4.2%				AA/Black 4.2%			
Hispanic 16.6%				Hispanic 23.2%			
White 78.7%				White 71.8%			
Other 0.6%				Other 0.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.2%	2.0%	2.2%	AA/Black	4.2%	14.5%	-10.3%
Hispanic	16.6%	3.6%	13.0%	Hispanic	16.6%	15.2%	1.4%
White	78.7%	88.4%	-9.7%	White	78.7%	65.1%	13.6%
Other	0.6%	6.2%	-5.6%	Other	0.6%	5.2%	-4.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	72	17.0%	36.8%	NW	N/A	N/A	N/A
White	272	83.0%	63.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .246* sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	38.9%	16.7%	44.4%	0.0%	NW	0	N/A
Hispanic	25.4%	20.6%	46.0%	7.9%	White	1	N/A
White	52.9%	20.2%	23.4%	3.5%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .002* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DUNSTABLE POLICE DEPARTMENT**

Total Citations ¹ : 462	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	5.1%	Citations per 1000	
	Passing through:	94.9%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 451)				ITP Stops ³ (N = 209)			
Mean age				Mean age			
34.01				34.47			
Gender %				Gender %			
Female 27.5%				Female 25.5%			
Male 72.5%				Male 74.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 0.5%			
AA/Black 3.4%				AA/Black 1.9%			
Hispanic 16.6%				Hispanic 18.8%			
White 71.4%				White 70.7%			
Other 8.7%				Other 8.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	3.4%	N/A	N/A	AA/Black	3.4%	14.5% -11.1%
Hispanic	16.6%	N/A	N/A	Hispanic	16.6%	15.2% 1.4%
White	71.4%	N/A	N/A	White	71.4%	65.1% 6.3%
Other	8.7%	N/A	N/A	Other	8.7%	5.2% 3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	124	27.4%	34.3%	NW	57	25.7%	42.6%
White	304	72.6%	65.7%	White	134	74.3%	57.4%
Chi-square, X-tab ⁶ :		.179	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.028*	<i>sig.</i>
Odds ratio Exp(B) ⁷ :		.674	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.338*	<i>sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	37.5%	6.3%	56.3%	0.0%	NW	2	N/A
Hispanic	22.7%	16.0%	57.3%	4.0%	White	1	N/A
White	42.1%	32.3%	25.3%	0.3%			
Other	30.8%	51.3%	17.9%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DUXBURY POLICE DEPARTMENT**

Total Citations ¹ : 669	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.5%	Citations per 1000	
	Passing through:	76.5%	18 + residents:	56.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 621)				ITP Stops ³ (N = 223)			
Mean age				Mean age			
37.27				35.6			
Gender %				Gender %			
Female 35.3%				Female 36.5%			
Male 64.6%				Male 63.5%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.4%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 4.5%				AA/Black 4.6%			
Hispanic 3.3%				Hispanic 4.1%			
White 91.7%				White 90.9%			
Other 0.5%				Other 0.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.5%	0.8%	3.7%	AA/Black	4.5%	14.5%	-10.0%
Hispanic	3.3%	0.9%	2.4%	Hispanic	3.3%	15.2%	-11.9%
White	91.7%	95.5%	-3.8%	White	91.7%	65.1%	26.6%
Other	0.5%	2.9%	-2.4%	Other	0.5%	5.2%	-4.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	45	8.1%	7.7%	NW	18	8.5%	10.8%
White	519	91.9%	92.3%	White	176	91.5%	89.2%
Chi-square, X-tab ⁶ : .876 <i>not sig.</i>				Chi-square, X-tab ⁶ : .611 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : 1.112 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : 1.075 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	51.7%	17.2%	27.6%	3.4%	NW	0	N/A
Hispanic	36.4%	9.1%	54.5%	0.0%	White	2	N/A
White	67.0%	16.1%	14.1%	2.8%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EAST BRIDGEWATER POLICE DEPARTMENT**

Total Citations ¹ : 2,493	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.9%	Citations per 1000	
	Passing through:	83.1%	18 + residents:	230.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,470)				ITP Stops ³ (N = 655)			
Mean age				Mean age			
36.66				36.89			
Gender %				Gender %			
Female 35.6%				Female 35.4%			
Male 64.4%				Male 64.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.1%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 19.4%				AA/Black 17.1%			
Hispanic 5.3%				Hispanic 5.3%			
White 74.2%				White 77.0%			
Other 1.1%				Other 0.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	19.4%	3.9%	15.5%	AA/Black	19.4%	14.5%	4.9%
Hispanic	5.3%	2.1%	3.2%	Hispanic	5.3%	15.2%	-9.9%
White	74.2%	88.0%	-13.8%	White	74.2%	65.1%	9.1%
Other	1.1%	4.4%	-3.3%	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	593	24.7%	29.7%	NW	131	21.1%	26.3%
White	1,714	75.3%	70.3%	White	456	78.9%	73.7%
Chi-square, X-tab ⁶ :		.028*	sig.	Chi-square, X-tab ⁶ :		.204	not sig.
Odds ratio Exp(B) ⁷ :		.849	not sig.	Odds ratio Exp(B) ⁷ :		.814	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.0%	9.9%	26.8%	3.2%	NW	7	N/A
Hispanic	50.4%	11.8%	33.1%	4.7%	White	4	N/A
White	75.8%	11.3%	11.1%	1.7%			
Other	53.8%	19.2%	26.9%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EAST BROOKFIELD POLICE DEPARTMENT**

Total Citations ¹ : 849	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.6%	Citations per 1000	
	Passing through:	93.4%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 838)				ITP Stops ³ (N = 373)			
Mean age				Mean age			
38.92				37.68			
Gender %				Gender %			
Female 44.4%				Female 46.2%			
Male 55.5%				Male 53.5%			
Non-binary 0.1%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 3.7%				Race % Mis/Unk ⁴ 4.8%			
AA/Black 3.1%				AA/Black 3.4%			
Hispanic 3.8%				Hispanic 5.1%			
White 90.3%				White 89.9%			
Other 2.7%				Other 1.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.1%	N/A	N/A	AA/Black	3.1%	14.5%	-11.4%
Hispanic	3.8%	N/A	N/A	Hispanic	3.8%	15.2%	-11.4%
White	90.3%	N/A	N/A	White	90.3%	65.1%	25.2%
Other	2.7%	N/A	N/A	Other	2.7%	5.2%	-2.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	75	8.4%	15.1%	NW	33	9.7%	13.4%
White	691	91.6%	84.9%	White	282	90.3%	86.6%
Chi-square, X-tab ⁶ : .011* sig.				Chi-square, X-tab ⁶ : .373 not sig.			
Odds ratio Exp(B) ⁷ : .548* sig.				Odds ratio Exp(B) ⁷ : 1.133 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	76.0%	16.0%	8.0%	0.0%	NW	0	N/A
Hispanic	81.3%	3.1%	3.1%	12.5%	White	7	N/A
White	86.3%	9.3%	2.8%	1.5%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .001* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EAST LONGMEADOW POLICE DEPARTMENT**

Total Citations ¹ : 298	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.8%	Citations per 1000	
	Passing through:	86.2%	18 + residents:	23.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 247)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.21				N/A			
Gender %				Gender %			
Female 31.8%				Female N/A			
Male 68.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 4.9%				Race % Mis/Unk ⁴ 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			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.3%	4.7%	13.6%	AA/Black	18.3%	14.5%	3.8%
Hispanic	3.4%	3.9%	-0.5%	Hispanic	3.4%	15.2%	-11.8%
White	77.0%	85.3%	-8.3%	White	77.0%	65.1%	11.9%
Other	1.3%	6.2%	-4.9%	Other	1.3%	5.2%	-3.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	47	18.8%	28.6%	NW	N/A	N/A	N/A
White	167	81.3%	71.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.103	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.611	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	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 ⁶ :		.004*	sig.				
	Counts	Percent					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EASTHAM POLICE DEPARTMENT**

Total Citations ¹ : 926	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	10.1%	Citations per 1000	
	Passing through:	89.9%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 859)				ITP Stops ³ (N = 309)			
Mean age				Mean age			
40.27				38.41			
Gender %				Gender %			
Female 34.0%				Female 31.6%			
Male 66.0%				Male 68.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 7.3%				AA/Black 9.5%			
Hispanic 6.7%				Hispanic 7.8%			
White 82.3%				White 80.1%			
Other 3.8%				Other 2.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.3%	N/A	N/A	AA/Black	7.3%	14.5%	-7.2%
Hispanic	6.7%	N/A	N/A	Hispanic	6.7%	15.2%	-8.5%
White	82.3%	N/A	N/A	White	82.3%	65.1%	17.2%
Other	3.8%	N/A	N/A	Other	3.8%	5.2%	-1.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	140	16.9%	17.0%	NW	50	19.6%	10.5%
White	686	83.1%	83.0%	White	231	80.4%	89.5%
Chi-square, X-tab ⁶ :		.980	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.108	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.980	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.912	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	84.8%	7.6%	3.0%	4.5%	NW	0	N/A
Hispanic	63.3%	13.3%	23.3%	0.0%	White	0	N/A
White	88.0%	5.7%	5.0%	1.3%			
Other	84.8%	9.1%	6.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EASTHAMPTON POLICE DEPARTMENT**

Total Citations ¹ : 872	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	40.1%	Citations per 1000	
	Passing through:	59.9%	18 + residents:	65

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 820)				ITP Stops ³ (N = 274)			
Mean age				Mean age			
37.8				36.21			
Gender %				Gender %			
Female 45.5%				Female 38.7%			
Male 54.2%				Male 60.9%			
Non-binary 0.2%				Non-binary 0.4%			
Race % Mis/Unk ⁴ 2.8%				Race % Mis/Unk ⁴ 3.3%			
AA/Black 4.6%				AA/Black 4.2%			
Hispanic 11.9%				Hispanic 14.0%			
White 81.2%				White 80.4%			
Other 2.3%				Other 1.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.6%	1.9%	2.7%	AA/Black	4.6%	14.5%	-9.9%
Hispanic	11.9%	4.5%	7.4%	Hispanic	11.9%	15.2%	-3.3%
White	81.2%	89.2%	-8.0%	White	81.2%	65.1%	16.1%
Other	2.3%	5.0%	-2.7%	Other	2.3%	5.2%	-2.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	143	15.7%	28.0%	NW	45	17.5%	22.4%
White	625	84.3%	72.0%	White	193	82.5%	77.6%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.391	not sig.
Odds ratio Exp(B) ⁷ :		.442*	sig.	Odds ratio Exp(B) ⁷ :		.593	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.1%	21.6%	24.3%	0.0%	NW	1	N/A
Hispanic	38.6%	30.7%	26.7%	4.0%	White	0	N/A
White	64.2%	23.3%	10.4%	2.2%			
Other	63.2%	26.3%	10.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EASTON POLICE DEPARTMENT**

Total Citations ¹ : 1,277	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	0.1%	Citations per 1000	
	Passing through:	99.9%	18 + residents:	64.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,060)				ITP Stops ³ (N = 338)			
Mean age				Mean age			
38.63				37.28			
Gender %				Gender %			
Female 37.4%				Female 29.6%			
Male 62.6%				Male 70.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.9%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 25.2%				AA/Black 22.3%			
Hispanic 2.1%				Hispanic 1.8%			
White 70.7%				White 74.4%			
Other 2.0%				Other 1.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	25.2%	4.2%	21.0%	AA/Black	25.2%	14.5%	10.7%
Hispanic	2.1%	3.0%	-0.9%	Hispanic	2.1%	15.2%	-13.1%
White	70.7%	88.1%	-17.4%	White	70.7%	65.1%	5.6%
Other	2.0%	3.8%	-1.8%	Other	2.0%	5.2%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	284	26.5%	37.2%	NW	78	26.5%	25.7%
White	680	73.5%	62.8%	White	220	73.5%	74.3%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .885 not sig.			
Odds ratio Exp(B) ⁷ : .612* sig.				Odds ratio Exp(B) ⁷ : .907 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	42.5%	27.8%	25.2%	4.6%	NW	2	N/A
Hispanic	17.2%	24.1%	55.2%	3.4%	White	9	N/A
White	56.4%	27.9%	12.6%	3.1%			
Other	60.9%	26.1%	4.3%	8.7%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EDGARTOWN POLICE DEPARTMENT**

Total Citations ¹ : 153	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	45.0%	Citations per 1000	
	Passing through:	55.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 100)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.83				N/A			
Gender %				Gender %			
Female		20.2%		Female		N/A	
Male		79.8%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		7.0%				N/A	
AA/Black		6.5%		AA/Black		N/A	
Hispanic		0.0%		Hispanic		N/A	
White		92.5%		White		N/A	
Other		1.1%		Other		N/A	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.5%	N/A	N/A	AA/Black	6.5%	14.5%	-8.0%
Hispanic	0.0%	N/A	N/A	Hispanic	0.0%	15.2%	-15.2%
White	92.5%	N/A	N/A	White	92.5%	65.1%	27.4%
Other	1.1%	N/A	N/A	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	0.0%	36.4%	27.3%	36.4%	NW	0
Hispanic	0.0%	0.0%	0.0%	0.0%	White	3
White	15.0%	26.3%	42.1%	16.5%		
Other	0.0%	100.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.281	not sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EGREMONT POLICE DEPARTMENT**

Total Citations ¹ : 148	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	14.5%	Citations per 1000	
	Passing through:	85.5%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 138)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.54				N/A			
Gender %				Gender %			
Female 39.9%				Female N/A			
Male 60.1%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 4.3%				Race % Mis/Unk ⁴ N/A			
AA/Black 4.5%				AA/Black N/A			
Hispanic 0.8%				Hispanic N/A			
White 93.9%				White N/A			
Other 0.8%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.5%	N/A	N/A	AA/Black	4.5%	14.5%	-10.0%
Hispanic	0.8%	N/A	N/A	Hispanic	0.8%	15.2%	-14.4%
White	93.9%	N/A	N/A	White	93.9%	65.1%	28.8%
Other	0.8%	N/A	N/A	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	12.5%	12.5%	62.5%	12.5%	NW	0	N/A
Hispanic	0.0%	0.0%	100.0%	0.0%	White	2	N/A
White	30.5%	38.9%	18.3%	12.2%			
Other	0.0%	50.0%	0.0%	50.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.061	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ERVING POLICE DEPARTMENT**

Total Citations ¹ : 279	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.0%	Citations per 1000	
	Passing through:	94.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 268)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
36.72				N/A			
Gender %				Gender %			
Female 34.8%				Female N/A			
Male 64.8%				Male N/A			
Non-binary 0.4%				Non-binary N/A			
Race % Mis/Unk ⁴ 0.0%				Race % Mis/Unk ⁴ 12.0%			
AA/Black 5.6%				AA/Black N/A			
Hispanic 4.5%				Hispanic N/A			
White 87.3%				White N/A			
Other 2.6%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.6%	N/A	N/A	AA/Black	5.6%	14.5%	-8.9%
Hispanic	4.5%	N/A	N/A	Hispanic	4.5%	15.2%	-10.7%
White	87.3%	N/A	N/A	White	87.3%	65.1%	22.2%
Other	2.6%	N/A	N/A	Other	2.6%	5.2%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	32	9.9%	16.7%	NW	N/A	N/A	N/A
White	225	90.1%	83.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .114 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .546 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	20.0%	20.0%	40.0%	20.0%	NW	1	
Hispanic	15.4%	15.4%	30.8%	38.5%	White	2	
White	52.9%	25.8%	17.2%	4.1%			
Other	42.9%	28.6%	14.3%	14.3%			
Chi-square, X-tab ⁶ : .000* <i>sig.</i>						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ESSEX POLICE DEPARTMENT

Total Citations ¹ : 1,037	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.3%	Citations per 1000	
	Passing through:	79.7%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,019)				ITP Stops ³ (N = 439)			
Mean age				Mean age			
42.35				41.38			
Gender %				Gender %			
Female		37.3%		Female		29.6%	
Male		62.5%		Male		70.1%	
Non-binary		0.2%		Non-binary		0.2%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
AA/Black		2.3%		AA/Black		1.8%	
Hispanic		7.3%		Hispanic		8.7%	
White		89.2%		White		88.5%	
Other		1.2%		Other		0.9%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.3%	N/A	N/A	AA/Black	2.3%	14.5%	-12.2%
Hispanic	7.3%	N/A	N/A	Hispanic	7.3%	15.2%	-7.9%
White	89.2%	N/A	N/A	White	89.2%	65.1%	24.1%
Other	1.2%	N/A	N/A	Other	1.2%	5.2%	-4.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	107	10.1%	15.5%	NW	48	11.7%	14.7%
White	855	89.9%	84.5%	White	342	88.3%	85.3%
Chi-square, X-tab ⁶ :		.034*	<i>sig.</i>	Chi-square, X-tab ⁶ :		.489	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.607*	<i>sig.</i>	Odds ratio Exp(B) ⁷ :		.691	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.6%	13.0%	13.0%	4.3%	NW	0	N/A
Hispanic	36.0%	20.0%	40.0%	4.0%	White	1	N/A
White	71.7%	19.2%	6.5%	2.6%			
Other	66.7%	25.0%	8.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EVERETT POLICE DEPARTMENT**

Total Citations ¹ : 1,425	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	36.2%	Citations per 1000	
	Passing through:	63.8%	18 + residents:	39.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,263)				ITP Stops ³ (N = 160)			
Mean age				Mean age			
36.79				34.44			
Gender %				Gender %			
Female 33.1%				Female 30.1%			
Male 66.7%				Male 69.9%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 18.1%				Race % Mis/Unk ⁴ 18.1%			
AA/Black 18.6%				AA/Black 13.7%			
Hispanic 31.1%				Hispanic 35.1%			
White 42.3%				White 44.3%			
Other 7.9%				Other 6.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.6%	18.0%	0.6%	AA/Black	18.6%	14.5%	4.1%
Hispanic	31.1%	28.3%	2.8%	Hispanic	31.1%	15.2%	15.9%
White	42.3%	43.6%	-1.3%	White	42.3%	65.1%	-22.8%
Other	7.9%	14.0%	-6.1%	Other	7.9%	5.2%	2.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	561	57.4%	58.4%	NW	61	60.2%	34.4%
White	413	42.6%	41.6%	White	54	39.8%	65.6%
Chi-square, X-tab ⁶ : .811 not sig.				Chi-square, X-tab ⁶ : .013* sig.			
Odds ratio Exp(B) ⁷ : .986 not sig.				Odds ratio Exp(B) ⁷ : 2.637 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	32.7%	38.9%	24.2%	4.3%	NW	27	N/A
Hispanic	30.8%	32.1%	28.7%	8.4%	White	25	N/A
White	40.1%	32.7%	21.6%	5.6%			
Other	58.3%	36.9%	4.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FAIRHAVEN POLICE DEPARTMENT**

Total Citations ¹ : 750	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.7%	Citations per 1000	
	Passing through:	78.3%	18 + residents:	57

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 678)				ITP Stops ³ (N = 219)			
Mean age				Mean age			
37.65				36.19			
Gender %				Gender %			
Female 39.5%				Female 38.1%			
Male 60.5%				Male 61.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 3.2%			
AA/Black 9.0%				AA/Black 10.4%			
Hispanic 9.2%				Hispanic 8.5%			
White 81.3%				White 80.7%			
Other 0.5%				Other 0.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	9.0%	0.7%	8.3%	AA/Black	9.0%	14.5% -5.5%
Hispanic	9.2%	2.0%	7.2%	Hispanic	9.2%	15.2% -6.0%
White	81.3%	90.6%	-9.3%	White	81.3%	65.1% 16.2%
Other	0.5%	4.7%	-4.2%	Other	0.5%	5.2% -4.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	114	18.0%	18.0%	NW	32	19.0%	15.3%
White	519	82.0%	82.0%	White	153	81.0%	84.7%
Chi-square, X-tab ⁶ :		.986	not sig.	Chi-square, X-tab ⁶ :		.507	not sig.
Odds ratio Exp(B) ⁷ :		1.156	not sig.	Odds ratio Exp(B) ⁷ :		.648	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.3%	17.2%	21.9%	4.7%	NW	1	N/A
Hispanic	31.8%	16.7%	40.9%	10.6%	White	0	N/A
White	64.5%	12.5%	18.2%	4.8%			
Other	75.0%	25.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FALL RIVER POLICE DEPARTMENT**

Total Citations ¹ : 2,817	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	67.5%	Citations per 1000	
	Passing through:	32.5%	18 + residents:	39.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,534)				ITP Stops ³ (N = 504)			
Mean age				Mean age			
37.76				36.34			
Gender %				Gender %			
Female 40.1%				Female 36.1%			
Male 59.9%				Male 63.7%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 14.0%				Race % Mis/Unk ⁴ 13.9%			
AA/Black 13.7%				AA/Black 11.3%			
Hispanic 5.7%				Hispanic 8.3%			
White 79.2%				White 79.0%			
Other 1.4%				Other 1.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.7%	5.9%	7.8%	AA/Black	13.7%	14.5%	-0.8%
Hispanic	5.7%	10.5%	-4.8%	Hispanic	5.7%	15.2%	-9.5%
White	79.2%	77.2%	2.0%	White	79.2%	65.1%	14.1%
Other	1.4%	6.4%	-5.0%	Other	1.4%	5.2%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	237	20.2%	23.1%	NW	83	21.0%	20.6%
White	902	79.8%	76.9%	White	315	79.0%	79.4%
Chi-square, X-tab ⁶ :		.321	not sig.	Chi-square, X-tab ⁶ :		.917	not sig.
Odds ratio Exp(B) ⁷ :		.794	not sig.	Odds ratio Exp(B) ⁷ :		.602	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.1%	16.7%	26.9%	1.3%	NW	5	N/A
Hispanic	44.9%	23.7%	29.7%	1.7%	White	13	N/A
White	61.8%	18.4%	18.4%	1.4%			
Other	57.1%	33.3%	9.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.001*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FALMOUTH POLICE DEPARTMENT**

Total Citations ¹ : 1,392	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.5%	Citations per 1000	
	Passing through:	87.5%	18 + residents:	52.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,163)				ITP Stops ³ (N = 356)			
Mean age				Mean age			
41.27				42.07			
Gender %				Gender %			
Female 39.8%				Female 43.1%			
Male 60.1%				Male 56.9%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 2.5%			
AA/Black 8.1%				AA/Black 8.6%			
Hispanic 4.4%				Hispanic 6.6%			
White 85.7%				White 82.7%			
Other 1.7%				Other 2.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.1%	2.0%	6.1%	AA/Black	8.1%	14.5%	-6.4%
Hispanic	4.4%	2.5%	1.9%	Hispanic	4.4%	15.2%	-10.8%
White	85.7%	88.8%	-3.1%	White	85.7%	65.1%	20.6%
Other	1.7%	5.5%	-3.8%	Other	1.7%	5.2%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	162	12.1%	19.5%	NW	60	16.1%	21.0%
White	931	87.9%	80.5%	White	253	83.9%	79.0%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .283 not sig.			
Odds ratio Exp(B) ⁷ : .589* sig.				Odds ratio Exp(B) ⁷ : .920 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.8%	11.6%	10.7%	8.9%	NW	2	N/A
Hispanic	48.2%	3.6%	42.9%	5.4%	White	17	N/A
White	75.0%	6.9%	11.8%	6.4%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FITCHBURG POLICE DEPARTMENT**

Total Citations ¹ : 2,244	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	54.6%	Citations per 1000	
	Passing through:	45.4%	18 + residents:	71.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,541)				ITP Stops ³ (N = 621)			
Mean age				Mean age			
36.45				36.68			
Gender %				Gender %			
Female 39.6%				Female 37.7%			
Male 60.4%				Male 62.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.3%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 11.3%				AA/Black 10.8%			
Hispanic 24.0%				Hispanic 26.4%			
White 63.2%				White 61.0%			
Other 1.5%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.3%	5.0%	6.3%	AA/Black	11.3%	14.5%	-3.2%
Hispanic	24.0%	28.8%	-4.8%	Hispanic	24.0%	15.2%	8.8%
White	63.2%	62.3%	0.9%	White	63.2%	65.1%	-1.9%
Other	1.5%	7.5%	-6.0%	Other	1.5%	5.2%	-3.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	503	34.6%	39.9%	NW	213	45.6%	36.5%
White	843	65.4%	60.1%	White	317	54.4%	63.5%
Chi-square, X-tab ⁶ : .045* sig.				Chi-square, X-tab ⁶ : .036* sig.			
Odds ratio Exp(B) ⁷ : .749* sig.				Odds ratio Exp(B) ⁷ : 1.373 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.2%	3.2%	13.5%	3.2%	NW	10	N/A
Hispanic	84.1%	1.6%	11.6%	2.8%	White	16	N/A
White	86.4%	3.1%	9.2%	1.3%			
Other	90.0%	0.0%	6.7%	3.3%		Counts	Percent
Chi-square, X-tab ⁶ : .051 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FOXBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 2,754	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.7%	Citations per 1000	
	Passing through:	77.3%	18 + residents:	191.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,645)				ITP Stops ³ (N = 886)			
Mean age				Mean age			
38.5				38.16			
Gender %				Gender %			
Female 32.3%				Female 32.2%			
Male 67.7%				Male 67.8%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.7%				Race % Mis/Unk ⁴ 0.6%			
AA/Black 8.6%				AA/Black 8.4%			
Hispanic 7.4%				Hispanic 8.9%			
White 80.5%				White 79.5%			
Other 3.5%				Other 3.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.6%	6.0%	2.6%	AA/Black	8.6%	14.5%	-5.9%
Hispanic	7.4%	5.3%	2.1%	Hispanic	7.4%	15.2%	-7.8%
White	80.5%	83.8%	-3.3%	White	80.5%	65.1%	15.4%
Other	3.5%	6.9%	-3.4%	Other	3.5%	5.2%	-1.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	500	18.0%	23.8%	NW	171	21.6%	21.3%
White	2,020	82.0%	76.2%	White	626	78.4%	78.7%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .918 not sig.			
Odds ratio Exp(B) ⁷ : .635* sig.				Odds ratio Exp(B) ⁷ : .776 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	77.3%	3.7%	15.3%	3.7%	NW	0
Hispanic	58.5%	7.8%	26.8%	6.8%	White	1
White	83.5%	7.0%	7.0%	2.4%		
Other	86.0%	10.8%	2.2%	1.1%	Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FRAMINGHAM POLICE DEPARTMENT**

Total Citations ¹ : 4,983	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	47.6%	Citations per 1000	
	Passing through:	52.4%	18 + residents:	83.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,493)				ITP Stops ³ (N = 377)			
Mean age				Mean age			
41.38				39.17			
Gender %				Gender %			
Female 41.5%				Female 37.5%			
Male 58.4%				Male 62.5%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 6.3%				Race % Mis/Unk ⁴ 10.9%			
AA/Black 9.7%				AA/Black 11.9%			
Hispanic 9.3%				Hispanic 9.5%			
White 76.0%				White 75.6%			
Other 4.9%				Other 3.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	9.7%	7.3%	2.4%	AA/Black	9.7%	14.5% -4.8%
Hispanic	9.3%	16.1%	-6.8%	Hispanic	9.3%	15.2% -5.9%
White	76.0%	63.0%	13.0%	White	76.0%	65.1% 10.9%
Other	4.9%	11.1%	-6.2%	Other	4.9%	5.2% -0.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	976	23.8%	24.7%	NW	72	24.7%	23.1%
White	3,101	76.2%	75.3%	White	229	75.3%	76.9%
Chi-square, X-tab ⁶ :		.658	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.744	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.960	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.898	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.9%	9.4%	10.1%	1.6%	NW	3	N/A
Hispanic	54.5%	17.5%	26.7%	1.3%	White	11	N/A
White	70.5%	13.3%	14.9%	1.3%			
Other	79.6%	16.7%	1.8%	1.8%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FRANKLIN POLICE DEPARTMENT**

Total Citations ¹ : 345	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	45.9%	Citations per 1000	
	Passing through:	54.1%	18 + residents:	13.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 294)				ITP Stops ³ (N = 127)			
Mean age				Mean age			
35.56				36.69			
Gender %				Gender %			
Female 32.3%				Female 32.5%			
Male 67.7%				Male 67.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.1%				Race % Mis/Unk ⁴ 8.7%			
AA/Black 5.9%				AA/Black 5.2%			
Hispanic 7.0%				Hispanic 6.0%			
White 85.3%				White 87.1%			
Other 1.8%				Other 1.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.9%	0.9%	5.0%	AA/Black	5.9%	14.5%	-8.6%
Hispanic	7.0%	1.6%	5.4%	Hispanic	7.0%	15.2%	-8.2%
White	85.3%	89.2%	-3.9%	White	85.3%	65.1%	20.2%
Other	1.8%	8.3%	-6.5%	Other	1.8%	5.2%	-3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	13.7%	17.5%	NW	N/A	N/A	N/A
White	216	86.3%	82.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .462 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .829 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	19.0%	28.6%	42.9%	9.5%	NW	1	N/A
Hispanic	22.2%	33.3%	22.2%	22.2%	White	2	N/A
White	42.7%	29.6%	17.2%	10.5%			
Other	66.7%	16.7%	0.0%	16.7%		Counts	Percent
Chi-square, X-tab ⁶ : .040* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FREETOWN POLICE DEPARTMENT**

Total Citations ¹ : 383	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.6%	Citations per 1000	
	Passing through:	80.4%	18 + residents:	51.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 341)				ITP Stops ³ (N = 98)			
Mean age				Mean age			
35.17				34.94			
Gender %				Gender %			
Female 33.0%				Female 30.9%			
Male 67.0%				Male 69.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 15.9%				AA/Black 11.2%			
Hispanic 4.2%				Hispanic 6.1%			
White 79.3%				White 81.6%			
Other 0.6%				Other 1.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.9%	0.5%	15.4%	AA/Black	15.9%	14.5%	1.4%
Hispanic	4.2%	3.0%	1.2%	Hispanic	4.2%	15.2%	-11.0%
White	79.3%	93.1%	-13.8%	White	79.3%	65.1%	14.2%
Other	0.6%	3.8%	-3.2%	Other	0.6%	5.2%	-4.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	66	16.0%	32.4%	NW	17	10.2%	34.4%
White	242	84.0%	67.6%	White	74	89.8%	65.6%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .005* sig.			
Odds ratio Exp(B) ⁷ : .385* sig.				Odds ratio Exp(B) ⁷ : .155* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	23.2%	16.1%	57.1%	3.6%	NW	0	N/A
Hispanic	7.1%	7.1%	78.6%	7.1%	White	1	N/A
White	38.9%	22.1%	36.6%	2.3%			
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .010* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GARDNER POLICE DEPARTMENT**

Total Citations ¹ : 553	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	40.1%	Citations per 1000	
	Passing through:	59.9%	18 + residents:	33.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 494)				ITP Stops ³ (N = 129)			
Mean age				Mean age			
39.4				37.39			
Gender %				Gender %			
Female 40.5%				Female 28.7%			
Male 59.3%				Male 71.3%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.3%				Race % Mis/Unk ⁴ 5.4%			
AA/Black 4.2%				AA/Black 5.7%			
Hispanic 10.4%				Hispanic 11.5%			
White 84.4%				White 82.0%			
Other 1.1%				Other 0.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.2%	2.8%	1.4%	AA/Black	4.2%	14.5%	-10.3%
Hispanic	10.4%	9.3%	1.1%	Hispanic	10.4%	15.2%	-4.8%
White	84.4%	81.2%	3.2%	White	84.4%	65.1%	19.3%
Other	1.1%	7.5%	-6.4%	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	71	13.8%	20.7%	NW	21	18.2%	18.4%
White	385	86.2%	79.3%	White	94	81.8%	81.6%
Chi-square, X-tab ⁶ : .078 not sig.				Chi-square, X-tab ⁶ : .975 not sig.			
Odds ratio Exp(B) ⁷ : .639 not sig.				Odds ratio Exp(B) ⁷ : 1.029 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	47.8%	8.7%	43.5%	0.0%	NW	0	
Hispanic	35.2%	18.5%	37.0%	9.3%	White	1	
White	56.2%	16.6%	20.4%	6.9%			
Other	50.0%	33.3%	16.7%	0.0%			
Chi-square, X-tab ⁶ : .026* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GEORGETOWN POLICE DEPARTMENT**

Total Citations ¹ : 1,033	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.5%	Citations per 1000	
	Passing through:	82.5%	18 + residents:	152

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,015)				ITP Stops ³ (N = 314)			
Mean age				Mean age			
38.28				38.03			
Gender %				Gender %			
Female 41.7%				Female 37.6%			
Male 58.2%				Male 62.4%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.5%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 6.0%				AA/Black 3.8%			
Hispanic 12.3%				Hispanic 12.7%			
White 78.4%				White 81.2%			
Other 3.3%				Other 2.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.0%	0.8%	5.2%	AA/Black	6.0%	14.5%	-8.5%
Hispanic	12.3%	3.5%	8.8%	Hispanic	12.3%	15.2%	-2.9%
White	78.4%	93.2%	-14.8%	White	78.4%	65.1%	13.3%
Other	3.3%	2.8%	0.5%	Other	3.3%	5.2%	-1.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	209	10.8%	33.6%	NW	50	11.2%	29.9%
White	771	89.2%	66.4%	White	235	88.8%	70.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .215* sig.				Odds ratio Exp(B) ⁷ : .278* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	79.4%	4.8%	15.9%	0.0%	NW	1	N/A
Hispanic	65.9%	11.9%	19.0%	3.2%	White	4	N/A
White	80.4%	12.5%	5.5%	1.6%			
Other	84.8%	9.1%	6.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GLOUCESTER POLICE DEPARTMENT**

Total Citations ¹ : 489	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	62.8%	Citations per 1000	
	Passing through:	37.2%	18 + residents:	19.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 401)				ITP Stops ³ (N = 894)			
Mean age				Mean age			
39.71				22			
Gender %				Gender %			
Female 36.8%				Female 44.0%			
Male 63.2%				Male 56.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 9.2%				Race % Mis/Unk ⁴ 12.0%			
AA/Black 2.7%				AA/Black 25.0%			
Hispanic 11.8%				Hispanic 5.0%			
White 84.6%				White 25.0%			
Other 0.8%				Other 45.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.7%	1.7%	1.0%	AA/Black	2.7%	14.5%	-11.8%
Hispanic	11.8%	2.4%	9.4%	Hispanic	11.8%	15.2%	-3.4%
White	84.6%	91.9%	-7.3%	White	84.6%	65.1%	19.5%
Other	0.8%	4.2%	-3.4%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	14.2%	19.4%	NW	65	78.0%	56.0%
White	292	85.8%	80.6%	White	210	22.0%	44.0%
Chi-square, X-tab ⁶ : .244 not sig.				Chi-square, X-tab ⁶ : .485 not sig.			
Odds ratio Exp(B) ⁷ : .931 not sig.				Odds ratio Exp(B) ⁷ : .899 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.0%	0.0%	60.0%	0.0%	NW	1	N/A
Hispanic	13.0%	1.9%	70.4%	14.8%	White	5	N/A
White	38.2%	15.4%	32.2%	14.1%			
Other	66.7%	0.0%	33.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GRAFTON POLICE DEPARTMENT**

Total Citations ¹ : 1,463	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	15.5%	Citations per 1000	
	Passing through:	84.5%	18 + residents:	102.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,372)				ITP Stops ³ (N = 541)			
Mean age				Mean age			
39.64				39.62			
Gender %				Gender %			
Female 41.5%				Female 38.0%			
Male 58.3%				Male 61.8%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 2.4%			
AA/Black 3.7%				AA/Black 3.2%			
Hispanic 7.5%				Hispanic 6.6%			
White 83.8%				White 86.0%			
Other 5.1%				Other 4.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	3.7%	3.1%	0.6%	AA/Black	3.7%	14.5% -10.8%
Hispanic	7.5%	6.3%	1.2%	Hispanic	7.5%	15.2% -7.7%
White	83.8%	78.9%	4.9%	White	83.8%	65.1% 18.7%
Other	5.1%	11.7%	-6.6%	Other	5.1%	5.2% -0.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	206	13.2%	25.6%	NW	62	12.6%	15.7%
White	1,061	86.8%	74.4%	White	393	87.4%	84.3%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.362	not sig.
Odds ratio Exp(B) ⁷ :		.449*	sig.	Odds ratio Exp(B) ⁷ :		1.053	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.4%	3.6%	16.1%	0.0%	NW	1	N/A
Hispanic	61.6%	5.4%	26.8%	6.3%	White	3	N/A
White	87.8%	5.8%	4.5%	1.9%			
Other	84.7%	11.1%	4.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GRANBY POLICE DEPARTMENT**

Total Citations ¹ : 913	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	8.2%	Citations per 1000	
	Passing through:	91.8%	18 + residents:	174.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 891)				ITP Stops ³ (N = 338)			
Mean age				Mean age			
36.2				36.93			
Gender %				Gender %			
Female 38.4%				Female 38.1%			
Male 61.5%				Male 61.9%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.3%				Race % Mis/Unk ⁴ 3.0%			
AA/Black 9.7%				AA/Black 8.5%			
Hispanic 9.4%				Hispanic 9.8%			
White 78.0%				White 79.0%			
Other 2.9%				Other 2.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.7%	1.0%	8.7%	AA/Black	9.7%	14.5%	-4.8%
Hispanic	9.4%	3.9%	5.5%	Hispanic	9.4%	15.2%	-5.8%
White	78.0%	92.2%	-14.2%	White	78.0%	65.1%	12.9%
Other	2.9%	2.1%	0.8%	Other	2.9%	5.2%	-2.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	181	17.7%	29.8%	NW	62	16.5%	27.9%
White	645	82.3%	70.2%	White	242	83.5%	72.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .019* sig.			
Odds ratio Exp(B) ⁷ : .555* sig.				Odds ratio Exp(B) ⁷ : .473 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	83.9%	9.2%	6.9%	0.0%	NW	1	N/A
Hispanic	85.0%	6.3%	8.8%	0.0%	White	2	N/A
White	83.7%	10.4%	5.1%	0.7%			
Other	92.0%	0.0%	8.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .579 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT GRANVILLE POLICE DEPARTMENT

Total Citations ¹ : 589	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		18.9%	Citations per 1000					
	Passing through:		81.1%	18 + residents:		N/A			
¹ Total citations issued by department, including multiple-citation encounters and crashes									
All Stops ² (N = 587)				ITP Stops ³ (N = 354)					
Mean age				Mean age					
40.42				40.25					
Gender %				Gender %					
Female		31.1%		Female		26.1%			
Male		68.9%		Male		73.9%			
Non-binary		0.0%		Non-binary		0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴			
AA/Black		1.6%		AA/Black		0.6%			
Hispanic		2.6%		Hispanic		3.5%			
White		94.8%		White		95.4%			
Other		1.0%		Other		0.6%			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
Comparative Analyses									
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif		
AA/Black	1.6%	N/A	N/A	AA/Black	1.6%	14.5%	-12.9%		
Hispanic	2.6%	N/A	N/A	Hispanic	2.6%	15.2%	-12.6%		
White	94.8%	N/A	N/A	White	94.8%	65.1%	29.7%		
Other	1.0%	N/A	N/A	Other	1.0%	5.2%	-4.2%		
⁵ State average represents racial/ethnic breakdown of all 2022 stops by all MA departments									
VoD Analyses									
All Stops ²				ITP Stops ³					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		27	5.5%	3.6%	NW		13	4.0%	4.0%
White		523	94.5%	96.4%	White		310	96.0%	96.0%
Chi-square, X-tab ⁶ :		.356	<i>not sig.</i>		Chi-square, X-tab ⁶ :		.986	<i>not sig.</i>	
Odds ratio Exp(B) ⁷ :		1.167	<i>not sig.</i>		Odds ratio Exp(B) ⁷ :		.261	<i>not sig.</i>	
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Citation Outcomes by Race ⁸									
		Warning	Civil	Criminal	Arrest			Search?	
AA/Black		22.2%	33.3%	44.4%	0.0%	NW		0	N/A
Hispanic		46.7%	20.0%	33.3%	0.0%	White		0	N/A
White		51.5%	40.4%	8.1%	0.0%				
Other		33.3%	66.7%	0.0%	0.0%			Counts	Percent
Chi-square, X-tab ⁶ :		.000* sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GREAT BARRINGTON POLICE DEPARTMENT**

Total Citations ¹ : 113	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	37.9%	Citations per 1000	
	Passing through:	62.1%	18 + residents:	19.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 95)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
40.74				N/A			
Gender %				Gender %			
Female 27.7%				Female N/A			
Male 72.3%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 9.5%				Race % Mis/Unk ⁴ N/A			
AA/Black 3.5%				AA/Black N/A			
Hispanic 11.6%				Hispanic N/A			
White 84.9%				White N/A			
Other 0.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.5%	2.0%	1.5%	AA/Black	3.5%	14.5%	-11.0%
Hispanic	11.6%	3.5%	8.1%	Hispanic	11.6%	15.2%	-3.6%
White	84.9%	87.7%	-2.8%	White	84.9%	65.1%	19.8%
Other	0.0%	7.1%	-7.1%	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	13	10.2%	26.7%	NW	N/A	N/A	N/A
White	66	89.8%	73.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .055 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .385 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .899 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	20.0%	40.0%	40.0%	0.0%	NW	0	
Hispanic	18.2%	9.1%	27.3%	45.5%	White	0	
White	23.0%	15.0%	49.4%	12.6%			
Other	0.0%	0.0%	100.0%	0.0%			
Chi-square, X-tab ⁶ : .200 <i>not sig.</i>						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GREENFIELD POLICE DEPARTMENT**

Total Citations ¹ : 1,081	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	48.9%	Citations per 1000	
	Passing through:	51.1%	18 + residents:	227.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 933)				ITP Stops ³ (N = 248)			
Mean age				Mean age			
40.7				41.39			
Gender %				Gender %			
Female 41.6%				Female 39.3%			
Male 58.0%				Male 60.7%			
Non-binary 0.4%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 4.2%				AA/Black 4.5%			
Hispanic 5.0%				Hispanic 5.3%			
White 89.6%				White 88.2%			
Other 1.2%				Other 2.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	4.2%	0.2%	4.0%	AA/Black	4.2%	14.5% -10.3%
Hispanic	5.0%	1.4%	3.6%	Hispanic	5.0%	15.2% -10.2%
White	89.6%	91.0%	-1.4%	White	89.6%	65.1% 24.5%
Other	1.2%	7.5%	-6.3%	Other	1.2%	5.2% -4.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	93	7.6%	14.2%	NW	26	9.9%	15.2%
White	765	92.4%	85.8%	White	180	90.1%	84.8%
Chi-square, X-tab ⁶ : .002* sig.				Chi-square, X-tab ⁶ : .249 not sig.			
Odds ratio Exp(B) ⁷ : .521* sig.				Odds ratio Exp(B) ⁷ : .487 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.0%	2.0%	16.0%	10.0%	NW	3	N/A
Hispanic	66.0%	8.5%	19.1%	6.4%	White	15	N/A
White	85.0%	3.2%	8.0%	3.8%			
Other	83.3%	8.3%	8.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .008* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GROTON POLICE DEPARTMENT**

Total Citations ¹ : 1,977	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.6%	Citations per 1000	
	Passing through:	78.4%	18 + residents:	227.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,933)				ITP Stops ³ (N = 1,049)			
Mean age				Mean age			
40.12				39.1			
Gender %				Gender %			
Female 41.1%				Female 39.0%			
Male 58.9%				Male 61.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 3.8%				AA/Black 3.8%			
Hispanic 5.2%				Hispanic 5.9%			
White 85.5%				White 84.6%			
Other 5.5%				Other 5.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.8%	0.2%	3.6%	AA/Black	3.8%	14.5%	-10.7%
Hispanic	5.2%	1.4%	3.8%	Hispanic	5.2%	15.2%	-10.0%
White	85.5%	91.0%	-5.5%	White	85.5%	65.1%	20.4%
Other	5.5%	7.5%	-2.0%	Other	5.5%	5.2%	0.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	263	13.3%	18.7%	NW	147	15.2%	16.7%
White	1,552	86.7%	81.3%	White	798	84.8%	83.3%
Chi-square, X-tab ⁶ : .007* sig.				Chi-square, X-tab ⁶ : .578 not sig.			
Odds ratio Exp(B) ⁷ : .648* sig.				Odds ratio Exp(B) ⁷ : .779 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.0%	10.8%	9.5%	2.7%	NW	0	N/A
Hispanic	66.3%	8.9%	21.8%	3.0%	White	0	N/A
White	85.7%	8.2%	4.8%	1.3%			
Other	81.0%	12.4%	6.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GROVELAND POLICE DEPARTMENT**

Total Citations ¹ : 382	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.5%	Citations per 1000	
	Passing through:	88.5%	18 + residents:	70

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 373)				ITP Stops ³ (N = 122)			
Mean age				Mean age			
37.15				36.25			
Gender %				Gender %			
Female 34.0%				Female 29.1%			
Male 66.0%				Male 70.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 6.7%				Race % Mis/Unk ⁴ 2.5%			
AA/Black 3.7%				AA/Black 1.7%			
Hispanic 15.2%				Hispanic 16.8%			
White 79.0%				White 77.3%			
Other 2.0%				Other 4.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.7%	0.0%	3.7%	AA/Black	3.7%	14.5%	-10.8%
Hispanic	15.2%	3.2%	12.0%	Hispanic	15.2%	15.2%	0.0%
White	79.0%	95.9%	-16.9%	White	79.0%	65.1%	13.9%
Other	2.0%	1.3%	0.7%	Other	2.0%	5.2%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	73	18.3%	33.3%	NW	27	22.2%	28.0%
White	269	81.7%	66.7%	White	88	77.8%	72.0%
Chi-square, X-tab ⁶ :		.007*	sig.	Chi-square, X-tab ⁶ :		.547	not sig.
Odds ratio Exp(B) ⁷ :		.394*	sig.	Odds ratio Exp(B) ⁷ :		.741	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.5%	15.4%	23.1%	0.0%	NW	0	N/A
Hispanic	39.6%	13.2%	41.5%	5.7%	White	0	N/A
White	63.8%	19.5%	14.5%	2.1%			
Other	57.1%	28.6%	14.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.002*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HADLEY POLICE DEPARTMENT**

Total Citations ¹ : 920	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.5%	Citations per 1000	
	Passing through:	93.5%	18 + residents:	205.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 882)				ITP Stops ³ (N = 235)			
Mean age				Mean age			
32.78				33.54			
Gender %				Gender %			
Female 36.3%				Female 37.2%			
Male 63.7%				Male 62.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 12.9%				AA/Black 12.0%			
Hispanic 9.6%				Hispanic 9.4%			
White 71.2%				White 72.5%			
Other 6.3%				Other 6.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.9%	7.9%	5.0%	AA/Black	12.9%	14.5%	-1.6%
Hispanic	9.6%	2.3%	7.3%	Hispanic	9.6%	15.2%	-5.6%
White	71.2%	84.6%	-13.4%	White	71.2%	65.1%	6.1%
Other	6.3%	5.7%	0.6%	Other	6.3%	5.2%	1.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	236	23.7%	32.9%	NW	54	28.2%	22.8%
White	587	76.3%	67.1%	White	155	71.8%	77.2%
Chi-square, X-tab ⁶ :		.004*	sig.	Chi-square, X-tab ⁶ :		.378	not sig.
Odds ratio Exp(B) ⁷ :		.668*	sig.	Odds ratio Exp(B) ⁷ :		1.376	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	55.4%	11.6%	27.3%	5.8%	NW	6
Hispanic	46.1%	10.1%	24.7%	19.1%	White	10
White	72.8%	10.6%	10.9%	5.6%		
Other	61.8%	20.0%	12.7%	5.5%		
Chi-square, X-tab ⁶ :		.000*		sig.		
					Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HALIFAX POLICE DEPARTMENT**

Total Citations ¹ : 404	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.3%	Citations per 1000	
	Passing through:	93.7%	18 + residents:	65.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 394)				ITP Stops ³ (N = 115)			
Mean age				Mean age			
37.68				35.79			
Gender %				Gender %			
Female 24.6%				Female 29.4%			
Male 75.4%				Male 70.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 69.8%				Race % Mis/Unk ⁴ 67.8%			
AA/Black 0.8%				AA/Black 24.3%			
Hispanic 16.8%				Hispanic 0.0%			
White 81.5%				White 75.7%			
Other 0.8%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	0.8%	0.0%	0.8%	AA/Black	0.8%	14.5%	-13.7%
Hispanic	16.8%	2.5%	14.3%	Hispanic	16.8%	15.2%	1.6%
White	81.5%	93.0%	-11.5%	White	81.5%	65.1%	16.4%
Other	0.8%	5.8%	-5.0%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	0.0%	100.0%	0.0%	NW	0	N/A
Hispanic	20.0%	55.0%	25.0%	0.0%	White	0	N/A
White	37.9%	46.6%	12.6%	2.9%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.242	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HAMILTON POLICE DEPARTMENT**

Total Citations ¹ : 512	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	0.8%	Citations per 1000	
	Passing through:	99.2%	18 + residents:	85.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 496)				ITP Stops ³ (N = 243)			
Mean age				Mean age			
40.29				39.8			
Gender %				Gender %			
Female		37.3%		Female		33.2%	
Male		62.5%		Male		66.4%	
Non-binary		0.2%		Non-binary		0.4%	
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 1.2%			
AA/Black		1.2%		AA/Black		0.4%	
Hispanic		4.7%		Hispanic		3.3%	
White		91.6%		White		93.3%	
Other		2.4%		Other		2.9%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.2%	0.3%	0.9%	AA/Black	1.2%	14.5%	-13.3%
Hispanic	4.7%	1.5%	3.2%	Hispanic	4.7%	15.2%	-10.5%
White	91.6%	91.0%	0.6%	White	91.6%	65.1%	26.5%
Other	2.4%	7.3%	-4.9%	Other	2.4%	5.2%	-2.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	7.2%	14.8%	NW	N/A	N/A	N/A
White	440	92.8%	85.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.043*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.356*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	62.5%	12.5%	12.5%	12.5%	NW	0
Hispanic	56.0%	4.0%	40.0%	0.0%	White	0
White	83.9%	6.8%	9.2%	0.2%		
Other	69.3%	7.7%	23.1%	0.0%		
Chi-square, X-tab ⁶ :		.000*	sig.			
					Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HAMPDEN POLICE DEPARTMENT

Total Citations ¹ : 256	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	24.2%	Citations per 1000	
	Passing through:	75.8%	18 + residents:	59.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 240)				ITP Stops ³ (N = 111)			
Mean age				Mean age			
35.12				35.86			
Gender %				Gender %			
Female 37.6%				Female 38.2%			
Male 62.4%				Male 61.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		5.4%				6.3%	
AA/Black		4.0%		AA/Black		3.8%	
Hispanic		4.8%		Hispanic		7.7%	
White		91.2%		White		88.5%	
Other		0.0%		Other		0.0%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.0%	0.2%	3.8%	AA/Black	4.0%	14.5%	-10.5%
Hispanic	4.8%	3.7%	1.1%	Hispanic	4.8%	15.2%	-10.4%
White	91.2%	93.9%	-2.7%	White	91.2%	65.1%	26.1%
Other	0.0%	5.5%	-5.5%	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.6%	33.3%	11.1%	0.0%	NW	1	N/A
Hispanic	61.5%	7.7%	30.8%	0.0%	White	2	N/A
White	68.8%	15.4%	15.8%	0.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.347	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HANOVER POLICE DEPARTMENT**

Total Citations ¹ : 1,321	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	18.6%	Citations per 1000	
	Passing through:	81.4%	18 + residents:	122.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,165)				ITP Stops ³ (N = 439)			
Mean age				Mean age			
39.09				38.81			
Gender %				Gender %			
Female 39.3%				Female 37.2%			
Male 60.6%				Male 62.3%			
Non-binary 0.2%				Non-binary 0.5%			
Race % Mis/Unk ⁴ 3.0%				Race % Mis/Unk ⁴ 2.7%			
AA/Black 7.1%				AA/Black 5.9%			
Hispanic 3.1%				Hispanic 3.5%			
White 88.8%				White 89.9%			
Other 1.0%				Other 0.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.1%	1.0%	6.1%	AA/Black	7.1%	14.5%	-7.4%
Hispanic	3.1%	0.6%	2.5%	Hispanic	3.1%	15.2%	-12.1%
White	88.8%	96.5%	-7.7%	White	88.8%	65.1%	23.7%
Other	1.0%	1.2%	-0.2%	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	117	10.6%	14.6%	NW	38	12.6%	8.8%
White	896	89.4%	85.4%	White	299	87.4%	91.2%
Chi-square, X-tab ⁶ : .082 not sig.				Chi-square, X-tab ⁶ : .299 not sig.			
Odds ratio Exp(B) ⁷ : .836 not sig.				Odds ratio Exp(B) ⁷ : 5.374* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.2%	27.0%	14.6%	2.2%	NW	0	N/A
Hispanic	30.2%	18.9%	49.1%	1.9%	White	12	N/A
White	67.1%	22.3%	7.6%	3.0%			
Other	58.3%	25.0%	16.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HANSON POLICE DEPARTMENT**

Total Citations ¹ : 1,052	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.3%	Citations per 1000	
	Passing through:	80.7%	18 + residents:	119.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,029)				ITP Stops ³ (N = 496)			
Mean age				Mean age			
37.26				36.7			
Gender %				Gender %			
Female 36.9%				Female 34.9%			
Male 62.9%				Male 65.1%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 9.9%				AA/Black 11.0%			
Hispanic 5.0%				Hispanic 5.6%			
White 84.5%				White 82.8%			
Other 0.6%				Other 0.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.9%	0.3%	9.6%	AA/Black	9.9%	14.5%	-4.6%
Hispanic	5.0%	0.9%	4.1%	Hispanic	5.0%	15.2%	-10.2%
White	84.5%	93.3%	-8.8%	White	84.5%	65.1%	19.4%
Other	0.6%	4.8%	-4.2%	Other	0.6%	5.2%	-4.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	151	13.5%	22.2%	NW	79	18.0%	17.5%
White	808	86.5%	77.8%	White	364	82.0%	82.5%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .911 not sig.			
Odds ratio Exp(B) ⁷ : .466* sig.				Odds ratio Exp(B) ⁷ : .997 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.7%	10.1%	21.2%	0.0%	NW	0	N/A
Hispanic	60.0%	6.0%	34.0%	0.0%	White	6	N/A
White	79.1%	10.1%	8.8%	2.0%			
Other	42.9%	0.0%	57.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HARDWICK POLICE DEPARTMENT**

Total Citations ¹ : 262	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	24.2%	Citations per 1000	
	Passing through:	75.8%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 252)				ITP Stops ³ (N = 135)			
Mean age				Mean age			
38.19				36.75			
Gender %				Gender %			
Female 31.0%				Female 29.6%			
Male 69.0%				Male 70.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.0%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 4.0%				AA/Black 3.0%			
Hispanic 5.6%				Hispanic 6.7%			
White 89.3%				White 89.6%			
Other 1.2%				Other 0.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.0%	N/A	N/A	AA/Black	4.0%	14.5%	-10.5%
Hispanic	5.6%	N/A	N/A	Hispanic	5.6%	15.2%	-9.6%
White	89.3%	N/A	N/A	White	89.3%	65.1%	24.2%
Other	1.2%	N/A	N/A	Other	1.2%	5.2%	-4.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	10.2%	12.2%	NW	N/A	N/A	N/A
White	211	89.8%	87.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.673	<i>not sig.</i>	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.629	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.0%	0.0%	40.0%	0.0%	NW	1	N/A
Hispanic	33.3%	13.3%	53.3%	0.0%	White	0	N/A
White	76.1%	11.5%	7.3%	5.1%			
Other	66.7%	0.0%	33.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HARVARD POLICE DEPARTMENT**

Total Citations ¹ : 405	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.1%	Citations per 1000	
	Passing through:	76.9%	18 + residents:	77.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 385)				ITP Stops ³ (N = 122)			
Mean age				Mean age			
45.15				44.12			
Gender %				Gender %			
Female 38.1%				Female 41.0%			
Male 61.9%				Male 59.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 3.3%			
AA/Black 3.7%				AA/Black 2.5%			
Hispanic 5.6%				Hispanic 6.8%			
White 85.4%				White 87.3%			
Other 5.3%				Other 3.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.7%	8.1%	-4.4%	AA/Black	3.7%	14.5%	-10.8%
Hispanic	5.6%	9.7%	-4.1%	Hispanic	5.6%	15.2%	-9.6%
White	85.4%	77.5%	7.9%	White	85.4%	65.1%	20.3%
Other	5.3%	9.2%	-3.9%	Other	5.3%	5.2%	0.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	50	16.2%	9.6%	NW	N/A	N/A	N/A
White	292	83.8%	90.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .140 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 1.579 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.1%	35.7%	7.1%	0.0%	NW	0	N/A
Hispanic	56.5%	17.4%	26.1%	0.0%	White	0	N/A
White	76.0%	20.2%	3.6%	0.3%			
Other	72.7%	18.2%	9.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .003* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HARWICH POLICE DEPARTMENT**

Total Citations ¹ : 401	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.8%	Citations per 1000	
	Passing through:	73.2%	18 + residents:	38.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 362)				ITP Stops ³ (N = 154)			
Mean age				Mean age			
37.13				35.78			
Gender %				Gender %			
Female		36.1%		Female		34.0%	
Male		63.9%		Male		66.0%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 1.4%		Race %		Mis/Unk ⁴ 1.3%	
AA/Black		13.4%		AA/Black		11.8%	
Hispanic		3.6%		Hispanic		3.9%	
White		80.7%		White		81.6%	
Other		2.2%		Other		2.6%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.4%	3.2%	10.2%	AA/Black	13.4%	14.5%	-1.1%
Hispanic	3.6%	2.2%	1.4%	Hispanic	3.6%	15.2%	-11.6%
White	80.7%	91.8%	-11.1%	White	80.7%	65.1%	15.6%
Other	2.2%	2.0%	0.2%	Other	2.2%	5.2%	-3.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	15.4%	28.6%	NW	28	18.0%	20.8%
White	277	84.6%	71.4%	White	120	82.0%	79.2%
Chi-square, X-tab ⁶ :		.004*	sig.	Chi-square, X-tab ⁶ :		.680	not sig.
Odds ratio Exp(B) ⁷ :		.431*	sig.	Odds ratio Exp(B) ⁷ :		1.209	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	41.5%	11.3%	34.0%	13.2%	NW	1
Hispanic	28.6%	21.4%	50.0%	0.0%	White	3
White	64.4%	15.3%	13.4%	6.9%		
Other	75.0%	0.0%	12.5%	12.5%	Counts	Percent
Chi-square, X-tab ⁶ :		.000*		sig.		

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HAVERHILL POLICE DEPARTMENT

Total Citations ¹ : 6,148	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	53.6%	Citations per 1000	
	Passing through:	46.4%	18 + residents:	124.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,832)				ITP Stops ³ (N = 2,514)			
Mean age				Mean age			
37.73				37.31			
Gender %				Gender %			
Female		43.0%		Female		41.0%	
Male		57.0%		Male		59.0%	
Non-binary		0.1%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
AA/Black		5.6%		AA/Black		4.9%	
Hispanic		15.2%		Hispanic		17.0%	
White		77.9%		White		76.8%	
Other		1.2%		Other		1.3%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.6%	3.6%	2.0%	AA/Black	5.6%	14.5%	-8.9%
Hispanic	15.2%	23.2%	-8.0%	Hispanic	15.2%	15.2%	0.0%
White	77.9%	69.7%	8.2%	White	77.9%	65.1%	12.8%
Other	1.2%	6.2%	-5.0%	Other	1.2%	5.2%	-4.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,189	19.0%	30.4%	NW	531	20.9%	28.2%
White	4,163	81.0%	69.6%	White	1,744	79.1%	71.8%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.000*	sig.
Odds ratio Exp(B) ⁷ :		.518*	sig.	Odds ratio Exp(B) ⁷ :		.525*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.6%	20.5%	18.7%	1.2%	NW	4	N/A
Hispanic	60.0%	20.4%	17.5%	2.1%	White	8	N/A
White	58.5%	31.7%	8.8%	1.1%			
Other	50.7%	39.4%	9.9%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HINGHAM POLICE DEPARTMENT**

Total Citations ¹ : 3,796	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.7%	Citations per 1000	
	Passing through:	73.3%	18 + residents:	208.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,659)				ITP Stops ³ (N = 1,301)			
Mean age				Mean age			
42.32				41.64			
Gender %				Gender %			
Female 42.0%				Female 42.9%			
Male 58.0%				Male 57.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 5.1%				AA/Black 3.9%			
Hispanic 3.2%				Hispanic 2.7%			
White 88.4%				White 89.6%			
Other 3.3%				Other 3.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.1%	0.5%	4.6%	AA/Black	5.1%	14.5%	-9.4%
Hispanic	3.2%	1.1%	2.1%	Hispanic	3.2%	15.2%	-12.0%
White	88.4%	95.2%	-6.8%	White	88.4%	65.1%	23.3%
Other	3.3%	3.3%	0.0%	Other	3.3%	5.2%	-1.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	405	10.2%	16.8%	NW	121	9.3%	12.8%
White	3,064	89.8%	83.2%	White	1,027	90.7%	87.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .064 not sig.			
Odds ratio Exp(B) ⁷ : .512* sig.				Odds ratio Exp(B) ⁷ : .606 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.3%	12.9%	9.3%	2.6%	NW	0	N/A
Hispanic	70.7%	16.3%	8.9%	4.1%	White	2	N/A
White	83.7%	13.7%	1.8%	0.9%			
Other	86.0%	11.6%	1.7%	0.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HINSDALE POLICE DEPARTMENT**

Total Citations ¹ : 205	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.0%	Citations per 1000	
	Passing through:	71.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 200)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
43.5				N/A			
Gender %				Gender %			
Female 44.5%				Female N/A			
Male 55.0%				Male N/A			
Non-binary 0.5%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 1.0%				AA/Black N/A			
Hispanic 0.5%				Hispanic N/A			
White 98.5%				White N/A			
Other 0.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.0%	N/A	N/A	AA/Black	1.0%	14.5%	-13.5%
Hispanic	0.5%	N/A	N/A	Hispanic	0.5%	15.2%	-14.7%
White	98.5%	N/A	N/A	White	98.5%	65.1%	33.4%
Other	0.0%	N/A	N/A	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0	
Hispanic	100.0%	0.0%	0.0%	0.0%	White	4	
White	86.9%	7.1%	3.0%	3.0%			
Other	0.0%	0.0%	0.0%	0.0%			
Chi-square, X-tab ⁶ : .998 not sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLBROOK POLICE DEPARTMENT**

Total Citations ¹ : 752	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.0%	Citations per 1000	
	Passing through:	79.0%	18 + residents:	83.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 670)				ITP Stops ³ (N = 295)			
Mean age				Mean age			
39.38				39.06			
Gender %				Gender %			
Female		38.0%		Female		37.2%	
Male		62.0%		Male		62.8%	
Non-binary		0.0%		Non-binary		0.0%	
Race % Mis/Unk ⁴ 0.7%				Race % Mis/Unk ⁴ 0.7%			
AA/Black		29.3%		AA/Black		28.7%	
Hispanic		13.7%		Hispanic		12.6%	
White		50.8%		White		51.9%	
Other		6.2%		Other		6.8%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	29.3%	16.8%	12.5%	AA/Black	29.3%	14.5%	14.8%
Hispanic	13.7%	6.6%	7.1%	Hispanic	13.7%	15.2%	-1.5%
White	50.8%	72.1%	-21.3%	White	50.8%	65.1%	-14.3%
Other	6.2%	7.0%	-0.8%	Other	6.2%	5.2%	1.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	312	48.9%	48.7%	NW	128	47.3%	48.5%
White	327	51.1%	51.3%	White	141	52.7%	51.5%
Chi-square, X-tab ⁶ :		.971	not sig.	Chi-square, X-tab ⁶ :		.857	not sig.
Odds ratio Exp(B) ⁷ :		1.172	not sig.	Odds ratio Exp(B) ⁷ :		.945	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.9%	9.9%	23.3%	0.9%	NW	3	N/A
Hispanic	62.9%	6.7%	27.6%	2.9%	White	2	N/A
White	78.5%	9.8%	10.4%	1.3%			
Other	90.7%	4.7%	2.3%	2.3%		Counts	Percent
Chi-square, X-tab ⁶ :		.000* sig.					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLDEN POLICE DEPARTMENT**

Total Citations ¹ : 3,068	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.7%	Citations per 1000	
	Passing through:	76.3%	18 + residents:	207.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,043)				ITP Stops ³ (N = 931)			
Mean age				Mean age			
39.3				39.54			
Gender %				Gender %			
Female 44.8%				Female 44.6%			
Male 55.1%				Male 55.4%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.6%				Race % Mis/Unk ⁴ 4.4%			
AA/Black 6.0%				AA/Black 5.2%			
Hispanic 5.6%				Hispanic 4.9%			
White 85.5%				White 86.9%			
Other 2.9%				Other 3.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.0%	0.9%	5.1%	AA/Black	6.0%	14.5%	-8.5%
Hispanic	5.6%	4.3%	1.3%	Hispanic	5.6%	15.2%	-9.6%
White	85.5%	91.5%	-6.0%	White	85.5%	65.1%	20.4%
Other	2.9%	3.8%	-0.9%	Other	2.9%	5.2%	-2.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	412	12.7%	20.5%	NW	106	12.8%	14.3%
White	2,440	87.3%	79.5%	White	703	87.2%	85.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .638 not sig.			
Odds ratio Exp(B) ⁷ : .599* sig.				Odds ratio Exp(B) ⁷ : 1.121 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	86.1%	8.3%	5.0%	0.6%	NW	1	N/A
Hispanic	74.6%	16.2%	4.6%	4.6%	White	5	N/A
White	88.5%	9.2%	1.6%	0.7%			
Other	80.5%	14.9%	1.1%	3.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLLAND POLICE DEPARTMENT**

Total Citations ¹ : 104	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.3%	Citations per 1000	
	Passing through:	64.7%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 102)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
38.61				N/A			
Gender %				Gender %			
Female 37.3%				Female N/A			
Male 62.7%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 0.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 4.9%				AA/Black N/A			
Hispanic 7.8%				Hispanic N/A			
White 87.3%				White N/A			
Other 0.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.9%	N/A	N/A	AA/Black	4.9%	14.5%	-9.6%
Hispanic	7.8%	N/A	N/A	Hispanic	7.8%	15.2%	-7.4%
White	87.3%	N/A	N/A	White	87.3%	65.1%	22.2%
Other	0.0%	N/A	N/A	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.0%	40.0%	20.0%	0.0%	NW	0	N/A
Hispanic	75.0%	12.5%	12.5%	0.0%	White	1	N/A
White	65.9%	18.7%	15.4%	0.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .727 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLLISTON POLICE DEPARTMENT**

Total Citations ¹ : 1,826	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.9%	Citations per 1000	
	Passing through:	78.1%	18 + residents:	164.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,782)				ITP Stops ³ (N = 1,004)			
Mean age				Mean age			
39.25				39.77			
Gender %				Gender %			
Female 34.4%				Female 33.2%			
Male 65.6%				Male 66.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 2.6%			
AA/Black 5.5%				AA/Black 5.3%			
Hispanic 8.3%				Hispanic 7.7%			
White 83.9%				White 84.5%			
Other 2.4%				Other 2.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.5%	1.2%	4.3%	AA/Black	5.5%	14.5%	-9.0%
Hispanic	8.3%	3.9%	4.4%	Hispanic	8.3%	15.2%	-6.9%
White	83.9%	87.4%	-3.5%	White	83.9%	65.1%	18.8%
Other	2.4%	7.8%	-5.4%	Other	2.4%	5.2%	-2.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	254	14.2%	18.5%	NW	125	14.0%	15.7%	NW	125	14.0%	15.7%
White	1,368	85.8%	81.5%	White	733	86.0%	84.3%	White	733	86.0%	84.3%
Chi-square, X-tab ⁶ : .022* sig.				Chi-square, X-tab ⁶ : .485 not sig.				Chi-square, X-tab ⁶ : .485 not sig.			
Odds ratio Exp(B) ⁷ : .770 not sig.				Odds ratio Exp(B) ⁷ : .925 not sig.				Odds ratio Exp(B) ⁷ : .925 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	76.8%	12.1%	7.1%	4.0%	NW	2	N/A
Hispanic	66.2%	6.1%	21.6%	6.1%	White	2	N/A
White	80.5%	9.5%	7.7%	2.3%			
Other	85.4%	12.2%	2.4%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLYOKE POLICE DEPARTMENT**

Total Citations ¹ : 579	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	42.1%	Citations per 1000	
	Passing through:	57.8%	18 + residents:	18.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 484)				ITP Stops ³ (N = 106)			
Mean age				Mean age			
36.25				36.31			
Gender %				Gender %			
Female		34.7%		Female		37.1%	
Male		65.3%		Male		62.9%	
Non-binary		0.0%		Non-binary		0.0%	
Race % Mis/Unk ⁴ 4.8%				Race % Mis/Unk ⁴ 2.8%			
AA/Black		5.6%		AA/Black		3.9%	
Hispanic		13.2%		Hispanic		26.2%	
White		80.5%		White		68.9%	
Other		0.7%		Other		1.0%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	5.6%	4.5%	1.1%	AA/Black	5.6%	14.5% -8.9%
Hispanic	13.2%	53.9%	-40.7%	Hispanic	13.2%	15.2% -2.0%
White	80.5%	41.3%	39.2%	White	80.5%	65.1% 15.4%
Other	0.7%	3.7%	-3.0%	Other	0.7%	5.2% -4.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	17.6%	26.6%	NW	29	17.9%	50.0%
White	252	82.4%	73.4%	White	65	82.1%	50.0%
Chi-square, X-tab ⁶ :		.051	not sig.	Chi-square, X-tab ⁶ :		.001*	sig.
Odds ratio Exp(B) ⁷ :		.555*	sig.	Odds ratio Exp(B) ⁷ :		.283*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	21.2%	6.1%	48.5%	24.2%	NW	3	N/A
Hispanic	36.4%	23.4%	16.9%	23.4%	White	7	N/A
White	32.8%	9.6%	33.9%	23.6%			
Other	50.0%	0.0%	50.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.004*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOPEDALE POLICE DEPARTMENT**

Total Citations ¹ : 478	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.7%	Citations per 1000	
	Passing through:	87.3%	18 + residents:	106.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 463)				ITP Stops ³ (N = 174)			
Mean age				Mean age			
35.94				35.5			
Gender %				Gender %			
Female 33.4%				Female 29.1%			
Male 66.6%				Male 70.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.4%				Race % Mis/Unk ⁴ 5.2%			
AA/Black 4.1%				AA/Black 3.6%			
Hispanic 25.6%				Hispanic 31.5%			
White 69.4%				White 64.2%			
Other 0.9%				Other 0.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.1%	0.3%	3.8%	AA/Black	4.1%	14.5%	-10.4%
Hispanic	25.6%	1.0%	24.6%	Hispanic	25.6%	15.2%	10.4%
White	69.4%	96.1%	-26.7%	White	69.4%	65.1%	4.3%
Other	0.9%	2.7%	-1.8%	Other	0.9%	5.2%	-4.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	126	28.9%	35.4%	NW	51	36.7%	31.4%
White	288	71.1%	64.6%	White	93	63.3%	68.6%
Chi-square, X-tab ⁶ :		.226	not sig.	Chi-square, X-tab ⁶ :		.571	not sig.
Odds ratio Exp(B) ⁷ :		.736	not sig.	Odds ratio Exp(B) ⁷ :		1.811	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	44.4%	5.6%	44.4%	5.6%	NW	0	
Hispanic	15.5%	11.2%	69.0%	4.3%	White	1	
White	65.0%	9.2%	22.9%	2.9%			
Other	75.0%	0.0%	25.0%	0.0%			
Chi-square, X-tab ⁶ :		.000*	sig.			Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOPKINTON POLICE DEPARTMENT**

Total Citations ¹ : 594	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	31.1%	Citations per 1000	
	Passing through:	68.9%	18 + residents:	43.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 547)				ITP Stops ³ (N = 232)			
Mean age				Mean age			
37.04				38.44			
Gender %				Gender %			
Female 32.0%				Female 28.7%			
Male 68.0%				Male 71.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 0.4%			
AA/Black 5.4%				AA/Black 4.3%			
Hispanic 21.7%				Hispanic 19.9%			
White 62.2%				White 67.1%			
Other 10.8%				Other 8.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.4%	1.9%	3.5%	AA/Black	5.4%	14.5%	-9.1%
Hispanic	21.7%	3.2%	18.5%	Hispanic	21.7%	15.2%	6.5%
White	62.2%	81.6%	-19.4%	White	62.2%	65.1%	-2.9%
Other	10.8%	13.3%	-2.5%	Other	10.8%	5.2%	5.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	194	35.3%	41.2%	NW	69	33.1%	31.8%
White	322	64.7%	58.8%	White	143	66.9%	68.2%
Chi-square, X-tab ⁶ : .169 not sig.				Chi-square, X-tab ⁶ : .842 not sig.			
Odds ratio Exp(B) ⁷ : .844 not sig.				Odds ratio Exp(B) ⁷ : 1.156 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	56.7%	16.7%	23.3%	3.3%	NW	2
Hispanic	35.4%	6.9%	48.5%	9.2%	White	6
White	64.9%	17.7%	10.6%	6.8%		
Other	79.7%	16.9%	1.7%	1.7%	Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HUBBARDSTON POLICE DEPARTMENT**

Total Citations ¹ : 156	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.6%	Citations per 1000	
	Passing through:	82.4%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 148)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
36.78				N/A			
Gender %				Gender %			
Female 32.4%				Female N/A			
Male 67.6%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 3.4%				AA/Black N/A			
Hispanic 7.6%				Hispanic N/A			
White 84.8%				White N/A			
Other 4.1%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.4%	N/A	N/A	AA/Black	3.4%	14.5%	-11.1%
Hispanic	7.6%	N/A	N/A	Hispanic	7.6%	15.2%	-7.6%
White	84.8%	N/A	N/A	White	84.8%	65.1%	19.7%
Other	4.1%	N/A	N/A	Other	4.1%	5.2%	-1.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	12.6%	21.4%	NW	N/A	N/A	N/A
White	116	87.4%	78.6%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .188 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .640 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .899 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	60.0%	20.0%	20.0%	0.0%	NW	0	
Hispanic	45.5%	18.2%	27.3%	9.1%	White	0	
White	51.1%	12.2%	29.0%	7.6%			
Other	83.3%	0.0%	16.7%	0.0%			
Chi-square, X-tab ⁶ : .919 <i>not sig.</i>						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HUDSON POLICE DEPARTMENT**

Total Citations ¹ : 2,258	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.1%	Citations per 1000	
	Passing through:	64.9%	18 + residents:	141

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,173)				ITP Stops ³ (N = 811)			
Mean age				Mean age			
38.72				38.26			
Gender %				Gender %			
Female		41.6%		Female		40.4%	
Male		58.4%		Male		59.6%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.7%				2.5%	
AA/Black		4.3%		AA/Black		3.5%	
Hispanic		5.9%		Hispanic		6.2%	
White		88.4%		White		88.2%	
Other		1.4%		Other		2.0%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.3%	1.2%	3.1%	AA/Black	4.3%	14.5%	-10.2%
Hispanic	5.9%	5.8%	0.1%	Hispanic	5.9%	15.2%	-9.3%
White	88.4%	89.2%	-0.8%	White	88.4%	65.1%	23.3%
Other	1.4%	3.5%	-2.1%	Other	1.4%	5.2%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	236	9.9%	16.7%	NW	82	7.7%	17.5%
White	1,813	90.1%	83.3%	White	624	92.3%	82.5%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.000*	sig.
Odds ratio Exp(B) ⁷ :		.596*	sig.	Odds ratio Exp(B) ⁷ :		.442*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.0%	7.3%	14.6%	3.1%	NW	7	N/A
Hispanic	54.9%	24.1%	15.0%	6.0%	White	60	N/A
White	81.8%	11.6%	5.8%	0.9%			
Other	76.7%	20.0%	3.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HULL POLICE DEPARTMENT**

Total Citations ¹ : 924	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	34.0%	Citations per 1000	
	Passing through:	66.0%	18 + residents:	101.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 866)				ITP Stops ³ (N = 314)			
Mean age				Mean age			
40.92				39.83			
Gender %				Gender %			
Female		37.7%		Female		33.5%	
Male		62.2%		Male		66.1%	
Non-binary		0.1%		Non-binary		0.3%	
Race %		Mis/Unk ⁴ 4.7%		Race %		Mis/Unk ⁴ 4.1%	
AA/Black		7.2%		AA/Black		5.6%	
Hispanic		5.0%		Hispanic		6.6%	
White		85.2%		White		85.0%	
Other		2.7%		Other		2.7%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.2%	0.5%	6.7%	AA/Black	7.2%	14.5%	-7.3%
Hispanic	5.0%	1.7%	3.3%	Hispanic	5.0%	15.2%	-10.2%
White	85.2%	94.6%	-9.4%	White	85.2%	65.1%	20.1%
Other	2.7%	3.1%	-0.4%	Other	2.7%	5.2%	-2.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	113	9.3%	21.7%	NW	40	14.1%	19.1%
White	633	90.7%	78.3%	White	212	85.9%	80.9%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.300	not sig.
Odds ratio Exp(B) ⁷ :		.369*	sig.	Odds ratio Exp(B) ⁷ :		.841	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	68.3%	12.7%	12.7%	6.3%	NW	2
Hispanic	50.0%	8.7%	30.4%	10.9%	White	14
White	62.0%	17.5%	13.9%	6.6%		
Other	65.2%	13.0%	21.7%	0.0%		
Chi-square, X-tab ⁶ :		.066	not sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
IPSWICH POLICE DEPARTMENT**

Total Citations ¹ : 229	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	40.5%	Citations per 1000	
	Passing through:	59.5%	18 + residents:	20.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 195)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
40.03				N/A			
Gender %				Gender %			
Female 28.3%				Female N/A			
Male 71.7%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 5.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 6.0%				AA/Black N/A			
Hispanic 10.4%				Hispanic N/A			
White 81.9%				White N/A			
Other 1.6%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.0%	2.2%	3.8%	AA/Black	6.0%	14.5%	-8.5%
Hispanic	10.4%	4.2%	6.2%	Hispanic	10.4%	15.2%	-4.8%
White	81.9%	92.0%	-10.1%	White	81.9%	65.1%	16.8%
Other	1.6%	2.0%	-0.4%	Other	1.6%	5.2%	-3.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	30	11.5%	27.0%	NW	N/A	N/A	N/A
White	146	88.5%	73.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .009* sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .220* sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	33.3%	8.3%	41.7%	16.7%	NW	0	
Hispanic	12.0%	28.0%	60.0%	0.0%	White	2	
White	50.0%	21.8%	19.0%	9.2%			
Other	0.0%	66.7%	33.3%	0.0%			
Chi-square, X-tab ⁶ : .000* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
KINGSTON POLICE DEPARTMENT**

Total Citations ¹ : 202	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	24.7%	Citations per 1000	
	Passing through:	75.3%	18 + residents:	44.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 186)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
37.26				N/A			
Gender %				Gender %			
Female 39.5%				Female N/A			
Male 60.5%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.8%				Race % Mis/Unk ⁴ N/A			
AA/Black 7.8%				AA/Black N/A			
Hispanic 2.2%				Hispanic N/A			
White 89.4%				White N/A			
Other 0.6%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.8%	0.6%	7.2%	AA/Black	7.8%	14.5%	-6.7%
Hispanic	2.2%	3.8%	-1.6%	Hispanic	2.2%	15.2%	-13.0%
White	89.4%	93.6%	-4.2%	White	89.4%	65.1%	24.3%
Other	0.6%	2.0%	-1.4%	Other	0.6%	5.2%	-4.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	8.4%	22.6%	NW	N/A	N/A	N/A
White	155	91.6%	77.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.022*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.257*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	64.3%	21.4%	14.3%	0.0%	NW	1	N/A
Hispanic	75.0%	0.0%	25.0%	0.0%	White	5	N/A
White	73.9%	9.7%	14.8%	1.7%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.952	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LAKEVILLE POLICE DEPARTMENT**

Total Citations ¹ : 627	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.4%	Citations per 1000	
	Passing through:	76.6%	18 + residents:	68.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 565)				ITP Stops ³ (N = 138)			
Mean age				Mean age			
35.9				32.19			
Gender %				Gender %			
Female 30.9%				Female 27.0%			
Male 69.1%				Male 73.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.6%				Race % Mis/Unk ⁴ 3.6%			
AA/Black 4.8%				AA/Black 6.0%			
Hispanic 4.3%				Hispanic 5.3%			
White 89.1%				White 87.2%			
Other 1.9%				Other 1.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.8%	2.0%	2.8%	AA/Black	4.8%	14.5%	-9.7%
Hispanic	4.3%	2.8%	1.5%	Hispanic	4.3%	15.2%	-10.9%
White	89.1%	92.4%	-3.3%	White	89.1%	65.1%	24.0%
Other	1.9%	3.0%	-1.1%	Other	1.9%	5.2%	-3.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	56	9.6%	17.0%	NW	16	11.0%	20.0%
White	453	90.4%	83.0%	White	105	89.0%	80.0%
Chi-square, X-tab ⁶ :		.039*	sig.	Chi-square, X-tab ⁶ :		.206	not sig.
Odds ratio Exp(B) ⁷ :		.509	not sig.	Odds ratio Exp(B) ⁷ :		.293	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.5%	18.2%	21.2%	6.1%	NW	0	N/A
Hispanic	37.5%	25.0%	37.5%	0.0%	White	7	N/A
White	43.2%	30.0%	21.6%	5.3%			
Other	30.0%	40.0%	30.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.502	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LANCASTER POLICE DEPARTMENT**

Total Citations ¹ : 553	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	4.9%	Citations per 1000	
	Passing through:	95.1%	18 + residents:	84.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 532)				ITP Stops ³ (N = 114)			
Mean age				Mean age			
36.34				37.52			
Gender %				Gender %			
Female 41.6%				Female 33.6%			
Male 58.2%				Male 65.5%			
Non-binary 0.2%				Non-binary 0.9%			
Race % Mis/Unk ⁴ 3.6%				Race % Mis/Unk ⁴ 4.4%			
AA/Black 9.0%				AA/Black 14.7%			
Hispanic 16.6%				Hispanic 20.2%			
White 70.2%				White 63.3%			
Other 4.3%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.0%	7.4%	1.6%	AA/Black	9.0%	14.5%	-5.5%
Hispanic	16.6%	7.3%	9.3%	Hispanic	16.6%	15.2%	1.4%
White	70.2%	81.4%	-11.2%	White	70.2%	65.1%	5.1%
Other	4.3%	4.8%	-0.5%	Other	4.3%	5.2%	-0.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	146	28.2%	38.5%	NW	33	33.8%	41.2%
White	348	71.8%	61.5%	White	61	66.2%	58.8%
Chi-square, X-tab ⁶ : .091 <i>not sig.</i>				Chi-square, X-tab ⁶ : .562 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .651 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .995 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	30.6%	59.2%	10.2%	0.0%	NW	0	N/A
Hispanic	25.6%	62.8%	11.6%	0.0%	White	0	N/A
White	27.9%	61.4%	9.8%	0.8%			
Other	17.4%	82.6%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .674 <i>not sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LAWRENCE POLICE DEPARTMENT**

Total Citations ¹ : 7,606	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	61.9%	Citations per 1000	
	Passing through:	38.1%	18 + residents:	129

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,204)				ITP Stops ³ (N = 1,604)			
Mean age				Mean age			
38.18				36.25			
Gender %				Gender %			
Female 35.3%				Female 36.9%			
Male 64.7%				Male 63.0%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 8.4%				Race % Mis/Unk ⁴ 5.7%			
AA/Black 4.9%				AA/Black 5.0%			
Hispanic 70.4%				Hispanic 69.9%			
White 23.1%				White 23.1%			
Other 1.6%				Other 2.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.9%	5.7%	-0.8%	AA/Black	4.9%	14.5%	-9.6%
Hispanic	70.4%	80.6%	-10.2%	Hispanic	70.4%	15.2%	55.2%
White	23.1%	14.8%	8.3%	White	23.1%	65.1%	-42.0%
Other	1.6%	5.1%	-3.5%	Other	1.6%	5.2%	-3.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,826	76.5%	80.7%	NW	1,056	75.8%	78.9%
White	1,407	23.5%	19.3%	White	314	24.2%	21.1%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .182 not sig.			
Odds ratio Exp(B) ⁷ : .801* sig.				Odds ratio Exp(B) ⁷ : 1.016 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.8%	16.6%	11.7%	0.9%	NW	32	N/A
Hispanic	73.8%	17.2%	7.2%	1.8%	White	4	N/A
White	74.3%	16.6%	7.6%	1.5%			
Other	73.0%	19.8%	7.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .108 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEE POLICE DEPARTMENT**

Total Citations ¹ : 103	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.0%	Citations per 1000	
	Passing through:	80.0%	18 + residents:	21.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 80)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
39.5				N/A			
Gender %				Gender %			
Female 41.3%				Female N/A			
Male 58.8%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.8%				Race % Mis/Unk ⁴ N/A			
AA/Black 11.7%				AA/Black N/A			
Hispanic 2.6%				Hispanic N/A			
White 83.1%				White N/A			
Other 2.6%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.7%	0.3%	11.4%	AA/Black	11.7%	14.5%	-2.8%
Hispanic	2.6%	2.5%	0.1%	Hispanic	2.6%	15.2%	-12.6%
White	83.1%	90.9%	-7.8%	White	83.1%	65.1%	18.0%
Other	2.6%	3.6%	-1.0%	Other	2.6%	5.2%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	30.0%	30.0%	30.0%	10.0%	NW	0
Hispanic	0.0%	66.7%	33.3%	0.0%	White	0
White	57.1%	10.7%	25.0%	7.1%		
Other	100.0%	0.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ : .111 not sig.					Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEICESTER POLICE DEPARTMENT**

Total Citations ¹ : 573	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	9.3%	Citations per 1000	
	Passing through:	90.7%	18 + residents:	61.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 560)				ITP Stops ³ (N = 146)			
Mean age				Mean age			
35.2				36.36			
Gender %				Gender %			
Female 35.9%				Female 36.6%			
Male 64.1%				Male 63.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 12.0%				AA/Black 8.3%			
Hispanic 27.9%				Hispanic 29.7%			
White 56.9%				White 58.6%			
Other 3.3%				Other 3.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	12.0%	3.2%	8.8%	AA/Black	12.0%	-2.5%
Hispanic	27.9%	3.8%	24.1%	Hispanic	27.9%	12.7%
White	56.9%	91.0%	-34.1%	White	56.9%	-8.2%
Other	3.3%	2.5%	0.8%	Other	3.3%	-1.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	229	37.6%	50.5%	NW	55	38.4%	51.5%
White	304	62.4%	49.5%	White	77	61.6%	48.5%
Chi-square, X-tab ⁶ :		.003*	sig.	Chi-square, X-tab ⁶ :		.185	not sig.
Odds ratio Exp(B) ⁷ :		.642*	sig.	Odds ratio Exp(B) ⁷ :		.655	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	14.7%	33.8%	1.5%	NW	2	N/A
Hispanic	40.8%	14.6%	40.1%	4.5%	White	0	N/A
White	58.9%	10.9%	25.2%	5.0%			
Other	61.1%	22.2%	16.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.012*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LENOX POLICE DEPARTMENT

Total Citations ¹ : 404	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	7.1%	Citations per 1000	
	Passing through:	92.9%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 396)				ITP Stops ³ (N = 103)			
Mean age				Mean age			
38.37				38.3			
Gender %				Gender %			
Female 40.6%				Female 38.2%			
Male 59.1%				Male 61.8%			
Non-binary 0.3%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.5%				Race % Mis/Unk ⁴ 2.9%			
AA/Black 9.7%				AA/Black 8.0%			
Hispanic 3.9%				Hispanic 4.0%			
White 85.6%				White 87.0%			
Other 0.8%				Other 1.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.7%	N/A	N/A	AA/Black	9.7%	14.5%	-4.8%
Hispanic	3.9%	N/A	N/A	Hispanic	3.9%	15.2%	-11.3%
White	85.6%	N/A	N/A	White	85.6%	65.1%	20.5%
Other	0.8%	N/A	N/A	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	13.3%	17.6%	NW	N/A	N/A	N/A
White	313	86.7%	82.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.272	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.720	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.5%	8.1%	29.7%	2.7%	NW	0	N/A
Hispanic	68.8%	25.0%	6.3%	0.0%	White	0	N/A
White	79.6%	11.1%	7.8%	1.5%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.006*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEOMINSTER POLICE DEPARTMENT**

Total Citations ¹ : 1,549	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	44.3%	Citations per 1000	
	Passing through:	55.7%	18 + residents:	47.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,358)				ITP Stops ³ (N = 144)			
Mean age				Mean age			
41.66				40.77			
Gender %				Gender %			
Female 44.5%				Female 36.9%			
Male 55.5%				Male 63.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ 3.5%			
AA/Black 9.7%				AA/Black 8.6%			
Hispanic 22.5%				Hispanic 29.5%			
White 63.9%				White 58.3%			
Other 3.9%				Other 3.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.7%	6.7%	3.0%	AA/Black	9.7%	14.5%	-4.8%
Hispanic	22.5%	18.4%	4.1%	Hispanic	22.5%	15.2%	7.3%
White	63.9%	69.3%	-5.4%	White	63.9%	65.1%	-1.2%
Other	3.9%	6.8%	-2.9%	Other	3.9%	5.2%	-1.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	472	34.5%	50.9%	NW	51	35.8%	53.1%
White	842	65.5%	49.1%	White	76	64.2%	46.9%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .084 not sig.			
Odds ratio Exp(B) ⁷ : .509* sig.				Odds ratio Exp(B) ⁷ : .472 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.8%	6.3%	11.1%	4.9%	NW	2	N/A
Hispanic	69.0%	5.5%	21.4%	4.1%	White	2	N/A
White	80.0%	5.8%	11.3%	2.9%			
Other	78.2%	3.6%	18.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .001* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEVERETT POLICE DEPARTMENT**

Total Citations ¹ : 207	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	15.1%	Citations per 1000	
	Passing through:	84.9%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 205)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
39.9				N/A			
Gender %				Gender %			
Female 40.6%				Female N/A			
Male 59.4%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.8%				Race % Mis/Unk ⁴ N/A			
AA/Black 9.1%				AA/Black N/A			
Hispanic 2.0%				Hispanic N/A			
White 89.9%				White N/A			
Other 2.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.1%	N/A	N/A	AA/Black	9.1%	14.5%	-5.4%
Hispanic	2.0%	N/A	N/A	Hispanic	2.0%	15.2%	-13.2%
White	89.9%	N/A	N/A	White	89.9%	65.1%	24.8%
Other	2.0%	N/A	N/A	Other	2.0%	5.2%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	10.7%	26.3%	NW	N/A	N/A	N/A
White	156	89.3%	73.7%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .051 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .239* sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.2%	16.7%	11.1%	0.0%	NW	0	N/A
Hispanic	75.0%	25.0%	0.0%	0.0%	White	1	N/A
White	83.3%	9.2%	7.5%	0.0%			
Other	75.0%	25.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .711 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEXINGTON POLICE DEPARTMENT**

Total Citations ¹ : 1,986	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	31.5%	Citations per 1000	
	Passing through:	68.5%	18 + residents:	82.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,800)				ITP Stops ³ (N = 672)			
Mean age				Mean age			
41.41				41.44			
Gender %				Gender %			
Female 42.5%				Female 40.4%			
Male 57.5%				Male 59.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 7.0%				AA/Black 6.5%			
Hispanic 7.0%				Hispanic 5.1%			
White 61.8%				White 62.3%			
Other 24.2%				Other 26.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.0%	1.3%	5.7%	AA/Black	7.0%	14.5%	-7.5%
Hispanic	7.0%	2.1%	4.9%	Hispanic	7.0%	15.2%	-8.2%
White	61.8%	62.7%	-0.9%	White	61.8%	65.1%	-3.3%
Other	24.2%	34.0%	-9.8%	Other	24.2%	5.2%	19.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	652	37.4%	41.5%	NW	230	37.0%	39.1%
White	1,054	62.6%	58.5%	White	382	63.0%	60.9%
Chi-square, X-tab ⁶ : .160 not sig.				Chi-square, X-tab ⁶ : .629 not sig.			
Odds ratio Exp(B) ⁷ : .863 not sig.				Odds ratio Exp(B) ⁷ : 1.091 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.6%	25.0%	12.9%	3.6%	NW	1	N/A
Hispanic	32.9%	42.5%	21.9%	2.7%	White	1	N/A
White	65.9%	28.9%	3.8%	1.3%			
Other	62.1%	34.7%	2.1%	1.1%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LINCOLN POLICE DEPARTMENT**

Total Citations ¹ : 739)	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	9.4%	Citations per 1000	
	Passing through:	90.6%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 709)				ITP Stops ³ (N = 253)			
Mean age				Mean age			
40.17				43.88			
Gender %				Gender %			
Female 31.3%				Female 40.2%			
Male 68.7%				Male 59.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.0%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 12.8%				AA/Black 5.9%			
Hispanic 13.8%				Hispanic 7.5%			
White 64.0%				White 75.5%			
Other 9.3%				Other 11.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.8%	N/A	N/A	AA/Black	12.8%	14.5%	-1.7%
Hispanic	13.8%	N/A	N/A	Hispanic	13.8%	15.2%	-1.4%
White	64.0%	N/A	N/A	White	64.0%	65.1%	-1.1%
Other	9.3%	N/A	N/A	Other	9.3%	5.2%	4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	248	22.8%	45.3%	NW	55	22.6%	25.4%
White	444	77.2%	54.7%	White	181	77.4%	74.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .657 not sig.			
Odds ratio Exp(B) ⁷ : .356* sig.				Odds ratio Exp(B) ⁷ : 1.258 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.5%	22.1%	6.3%	2.1%	NW	0	N/A
Hispanic	55.8%	23.1%	17.3%	3.8%	White	0	N/A
White	78.6%	16.6%	3.8%	1.1%			
Other	78.3%	20.3%	0.0%	1.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LITTLETON POLICE DEPARTMENT**

Total Citations ¹ : 421	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.9%	Citations per 1000	
	Passing through:	86.1%	18 + residents:	53.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 388)				ITP Stops ³ (N = 134)			
Mean age				Mean age			
40.51				41.4			
Gender %				Gender %			
Female 30.8%				Female 29.5%			
Male 69.2%				Male 70.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.6%				Race % Mis/Unk ⁴ 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%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.0%	0.6%	6.4%	AA/Black	7.0%	14.5%	-7.5%
Hispanic	16.5%	1.3%	15.2%	Hispanic	16.5%	15.2%	1.3%
White	68.6%	89.0%	-20.4%	White	68.6%	65.1%	3.5%
Other	7.8%	8.8%	-1.0%	Other	7.8%	5.2%	2.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	112	29.2%	40.6%	NW	39	29.7%	43.5%
White	234	70.8%	59.4%	White	71	70.3%	56.5%
Chi-square, X-tab ⁶ : .042* sig.				Chi-square, X-tab ⁶ : .136 not sig.			
Odds ratio Exp(B) ⁷ : .478* sig.				Odds ratio Exp(B) ⁷ : .437 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.1%	7.1%	25.0%	10.7%	NW	10	N/A
Hispanic	56.3%	15.6%	20.3%	7.8%	White	21	N/A
White	52.3%	22.6%	16.5%	8.6%			
Other	59.4%	25.0%	15.6%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .450 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LONGMEADOW POLICE DEPARTMENT**

Total Citations ¹ : 563	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.1%	Citations per 1000	
	Passing through:	70.9%	18 + residents:	46.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 468)				ITP Stops ³ (N = 158)			
Mean age				Mean age			
35.74				36.62			
Gender %				Gender %			
Female 40.6%				Female 44.6%			
Male 59.4%				Male 55.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.3%				Race % Mis/Unk ⁴ 2.5%			
AA/Black 10.5%				AA/Black 14.3%			
Hispanic 10.9%				Hispanic 11.0%			
White 74.6%				White 70.1%			
Other 4.0%				Other 4.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.5%	0.9%	9.6%	AA/Black	10.5%	14.5%	-4.0%
Hispanic	10.9%	6.8%	4.1%	Hispanic	10.9%	15.2%	-4.3%
White	74.6%	84.4%	-9.8%	White	74.6%	65.1%	9.5%
Other	4.0%	8.5%	-4.5%	Other	4.0%	5.2%	-1.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	101	23.4%	25.0%	NW	36	25.6%	27.6%
White	316	76.6%	75.0%	White	100	74.4%	72.4%
Chi-square, X-tab ⁶ :		.695	not sig.	Chi-square, X-tab ⁶ :		.799	not sig.
Odds ratio Exp(B) ⁷ :		.970	not sig.	Odds ratio Exp(B) ⁷ :		.711	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	52.7%	10.9%	25.5%	10.9%	NW	2	N/A
Hispanic	57.9%	15.8%	26.3%	0.0%	White	2	N/A
White	74.4%	11.5%	11.5%	2.5%			
Other	71.4%	9.5%	19.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LOWELL POLICE DEPARTMENT**

Total Citations ¹ : 9,912	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	49.0%	Citations per 1000	
	Passing through:	51.0%	18 + residents:	113.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 9,605)				ITP Stops ³ (N = 2,888)			
Mean age				Mean age			
37.16				34.7			
Gender %				Gender %			
Female 40.7%				Female 36.1%			
Male 59.2%				Male 63.9%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 3.8%				Race % Mis/Unk ⁴ 4.2%			
AA/Black 12.7%				AA/Black 12.4%			
Hispanic 27.5%				Hispanic 33.6%			
White 46.8%				White 42.3%			
Other 12.9%				Other 11.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.7%	8.0%	4.7%	AA/Black	12.7%	14.5%	-1.8%
Hispanic	27.5%	18.1%	9.4%	Hispanic	27.5%	15.2%	12.3%
White	46.8%	48.7%	-1.9%	White	46.8%	65.1%	-18.3%
Other	12.9%	26.4%	-13.5%	Other	12.9%	5.2%	7.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,691	51.3%	61.9%	NW	1,438	55.3%	61.1%
White	4,141	48.7%	38.1%	White	1,065	44.7%	38.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .004* sig.			
Odds ratio Exp(B) ⁷ : .686* sig.				Odds ratio Exp(B) ⁷ : .757* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	15.9%	75.5%	6.8%	1.8%	NW	21	N/A
Hispanic	16.4%	73.6%	8.0%	2.0%	White	8	N/A
White	19.0%	75.8%	4.4%	0.8%			
Other	17.7%	76.7%	3.8%	1.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LUDLOW POLICE DEPARTMENT**

Total Citations ¹ : 651	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.1%	Citations per 1000	
	Passing through:	64.9%	18 + residents:	37.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 502)				ITP Stops ³ (N = 204)			
Mean age				Mean age			
37				36.46			
Gender %				Gender %			
Female 36.3%				Female 40.9%			
Male 63.7%				Male 59.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.8%				Race % Mis/Unk ⁴ 1.5%			
AA/Black 10.7%				AA/Black 7.0%			
Hispanic 6.6%				Hispanic 5.5%			
White 82.2%				White 86.1%			
Other 0.6%				Other 1.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	10.7%	1.4%	9.3%	AA/Black	10.7%	14.5% -3.8%
Hispanic	6.6%	8.6%	-2.0%	Hispanic	6.6%	15.2% -8.6%
White	82.2%	87.3%	-5.1%	White	82.2%	65.1% 17.1%
Other	0.6%	3.8%	-3.2%	Other	0.6%	5.2% -4.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	80	17.1%	21.1%	NW	26	18.6%	7.2%
White	349	82.9%	78.9%	White	156	81.4%	92.8%
Chi-square, X-tab ⁶ : .298 <i>not sig.</i>				Chi-square, X-tab ⁶ : .034* <i>sig.</i>			
Odds ratio Exp(B) ⁷ : .621 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : 3.144* <i>sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.8%	9.8%	32.8%	6.6%	NW	2	N/A
Hispanic	42.9%	14.3%	31.0%	11.9%	White	3	N/A
White	62.5%	11.7%	17.5%	8.3%			
Other	66.7%	0.0%	0.0%	33.3%		Counts	Percent
Chi-square, X-tab ⁶ : .046* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LUNENBURG POLICE DEPARTMENT**

Total Citations ¹ : 1,760	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.0%	Citations per 1000	
	Passing through:	79.0%	18 + residents:	194.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,684)				ITP Stops ³ (N = 494)			
Mean age				Mean age			
36.37				35.97			
Gender %				Gender %			
Female 40.4%				Female 34.8%			
Male 59.4%				Male 65.0%			
Non-binary 0.2%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 1.9%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 9.8%				AA/Black 11.0%			
Hispanic 14.7%				Hispanic 15.7%			
White 74.0%				White 72.0%			
Other 1.5%				Other 1.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.8%	1.7%	8.1%	AA/Black	9.8%	14.5%	-4.7%
Hispanic	14.7%	5.9%	8.8%	Hispanic	14.7%	15.2%	-0.5%
White	74.0%	88.4%	-14.4%	White	74.0%	65.1%	8.9%
Other	1.5%	4.0%	-2.5%	Other	1.5%	5.2%	-3.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	416	23.5%	31.9%	NW	121	24.6%	33.3%
White	1,190	76.5%	68.1%	White	319	75.4%	66.7%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .052 not sig.			
Odds ratio Exp(B) ⁷ : .697* sig.				Odds ratio Exp(B) ⁷ : .512* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	73.3%	4.7%	20.3%	1.7%	NW	0
Hispanic	70.0%	5.1%	21.7%	3.2%	White	1
White	83.5%	5.7%	9.0%	1.8%		
Other	88.0%	4.0%	4.0%	4.0%	Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LYNN POLICE DEPARTMENT**

Total Citations ¹ : 4,011	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	63.8%	Citations per 1000	
	Passing through:	36.2%	18 + residents:	56.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,484)				ITP Stops ³ (N = 994)			
Mean age				Mean age			
36.87				35.04			
Gender %				Gender %			
Female 34.5%				Female 31.2%			
Male 65.4%				Male 68.7%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 7.3%				Race % Mis/Unk ⁴ 7.9%			
AA/Black 13.3%				AA/Black 12.5%			
Hispanic 50.6%				Hispanic 53.8%			
White 31.8%				White 29.2%			
Other 4.3%				Other 4.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.3%	13.7%	-0.4%	AA/Black	13.3%	14.5%	-1.2%
Hispanic	50.6%	42.8%	7.8%	Hispanic	50.6%	15.2%	35.4%
White	31.8%	35.9%	-4.1%	White	31.8%	65.1%	-33.3%
Other	4.3%	14.4%	-10.1%	Other	4.3%	5.2%	-0.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,110	66.1%	76.4%	NW	589	70.0%	71.3%
White	959	33.9%	23.6%	White	248	30.0%	28.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .703 not sig.			
Odds ratio Exp(B) ⁷ : .624* sig.				Odds ratio Exp(B) ⁷ : .873 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	49.9%	25.1%	21.6%	3.4%	NW	51	N/A
Hispanic	31.2%	22.4%	39.2%	7.2%	White	13	N/A
White	56.0%	23.1%	17.2%	3.8%			
Other	58.0%	28.0%	12.7%	1.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LYNNFIELD POLICE DEPARTMENT**

Total Citations ¹ : 131	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	18.5%	Citations per 1000	
	Passing through:	81.5%	18 + residents:	13.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 108)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.45				N/A			
Gender %				Gender %			
Female 36.4%				Female N/A			
Male 63.6%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 8.3%				Race % Mis/Unk ⁴ N/A			
AA/Black 5.1%				AA/Black N/A			
Hispanic 7.1%				Hispanic N/A			
White 86.9%				White N/A			
Other 1.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.1%	1.2%	3.9%	AA/Black	5.1%	14.5%	-9.4%
Hispanic	7.1%	2.4%	4.7%	Hispanic	7.1%	15.2%	-8.1%
White	86.9%	90.7%	-3.8%	White	86.9%	65.1%	21.8%
Other	1.0%	6.3%	-5.3%	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	83.3%	0.0%	16.7%	0.0%	NW	1	
Hispanic	7.1%	28.6%	64.3%	0.0%	White	0	
White	57.4%	23.8%	16.8%	2.0%			
Other	0.0%	100.0%	0.0%	0.0%	Counts	Percent	
Chi-square, X-tab ⁶ :		.003*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MALDEN POLICE DEPARTMENT**

Total Citations ¹ : 1,166	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	31.6%	Citations per 1000	
	Passing through:	68.4%	18 + residents:	23.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,044)				ITP Stops ³ (N = 275)			
Mean age				Mean age			
38.91				35.88			
Gender %				Gender %			
Female 31.8%				Female 28.7%			
Male 68.2%				Male 71.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 9.0%				Race % Mis/Unk ⁴ 5.5%			
AA/Black 20.4%				AA/Black 17.7%			
Hispanic 12.7%				Hispanic 16.9%			
White 52.9%				White 54.2%			
Other 13.9%				Other 11.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	20.4%	18.5%	1.9%	AA/Black	20.4%	14.5%	5.9%
Hispanic	12.7%	8.5%	4.2%	Hispanic	12.7%	15.2%	-2.5%
White	52.9%	47.0%	5.9%	White	52.9%	65.1%	-12.2%
Other	13.9%	25.7%	-11.8%	Other	13.9%	5.2%	8.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	432	46.6%	48.2%	NW	109	42.7%	49.4%
White	492	53.4%	51.8%	White	134	57.3%	50.6%
Chi-square, X-tab ⁶ : .749 not sig.				Chi-square, X-tab ⁶ : .326 not sig.			
Odds ratio Exp(B) ⁷ : 1.034 not sig.				Odds ratio Exp(B) ⁷ : 1.071 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.2%	19.9%	17.1%	2.8%	NW	1	N/A
Hispanic	55.0%	21.4%	22.9%	0.7%	White	2	N/A
White	64.9%	19.6%	14.1%	1.4%			
Other	65.2%	29.7%	5.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .001* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MANCHESTER POLICE DEPARTMENT**

Total Citations ¹ : 367	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.1%	Citations per 1000	
	Passing through:	79.9%	18 + residents:	87.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 353)				ITP Stops ³ (N = 102)			
Mean age				Mean age			
43.63				42.49			
Gender %				Gender %			
Female 35.8%				Female 39.2%			
Male 64.2%				Male 60.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 10.5%				Race % Mis/Unk ⁴ 9.8%			
AA/Black 1.3%				AA/Black 1.1%			
Hispanic 9.8%				Hispanic 7.6%			
White 87.7%				White 89.1%			
Other 1.3%				Other 2.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	1.3%	0.0%	1.3%	AA/Black	1.3%	-13.2%
Hispanic	9.8%	1.5%	8.3%	Hispanic	9.8%	-5.4%
White	87.7%	97.1%	-9.4%	White	87.7%	22.6%
Other	1.3%	1.3%	0.0%	Other	1.3%	-3.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	11.4%	14.0%	NW	N/A	N/A	N/A
White	268	88.6%	86.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.541	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.713	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	33.3%	33.3%	16.7%	16.7%	NW	0	N/A
Hispanic	37.5%	18.8%	25.0%	18.8%	White	1	N/A
White	71.3%	8.7%	10.8%	9.1%			
Other	75.0%	25.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.011*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MANSFIELD POLICE DEPARTMENT**

Total Citations ¹ : 2,641	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	34.7%	Citations per 1000	
	Passing through:	65.3%	18 + residents:	139.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,525)				ITP Stops ³ (N = 1,134)			
Mean age				Mean age			
39.27				38.12			
Gender %				Gender %			
Female 40.7%				Female 40.5%			
Male 59.3%				Male 59.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 12.0%				AA/Black 10.4%			
Hispanic 5.1%				Hispanic 4.0%			
White 77.0%				White 78.9%			
Other 5.9%				Other 6.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	12.0%	2.3%	9.7%	AA/Black	12.0%	-2.5%
Hispanic	5.1%	4.1%	1.0%	Hispanic	5.1%	-10.1%
White	77.0%	86.4%	-9.4%	White	77.0%	11.9%
Other	5.9%	7.5%	-1.6%	Other	5.9%	0.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	548	18.1%	34.4%	NW	215	18.2%	27.9%	NW	805	81.8%	72.1%
White	1,833	81.9%	65.6%	White	805	81.8%	72.1%	White	805	81.8%	72.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .001* sig.			
Odds ratio Exp(B) ⁷ : .417* sig.				Odds ratio Exp(B) ⁷ : .417* sig.				Odds ratio Exp(B) ⁷ : .488 sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	79.3%	3.6%	15.2%	1.9%	NW	0	N/A
Hispanic	69.6%	4.3%	22.5%	3.6%	White	0	N/A
White	91.5%	2.8%	4.5%	1.3%			
Other	95.4%	1.3%	1.3%	2.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARBLEHEAD POLICE DEPARTMENT**

Total Citations ¹ : 156	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	54.3%	Citations per 1000	
	Passing through:	45.7%	18 + residents:	9.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 127)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.07				N/A			
Gender %				Gender %			
Female 27.8%				Female N/A			
Male 72.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 5.5%				Race % Mis/Unk ⁴ N/A			
AA/Black 4.2%				AA/Black N/A			
Hispanic 9.2%				Hispanic N/A			
White 85.0%				White N/A			
Other 1.7%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.2%	1.6%	2.6%	AA/Black	4.2%	14.5%	-10.3%
Hispanic	9.2%	5.0%	4.2%	Hispanic	9.2%	15.2%	-6.0%
White	85.0%	91.1%	-6.1%	White	85.0%	65.1%	19.9%
Other	1.7%	2.3%	-0.6%	Other	1.7%	5.2%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	12.6%	19.2%	NW	N/A	N/A	N/A
White	97	87.4%	80.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.398	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.658	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	50.0%	0.0%	33.3%	16.7%	NW	0	
Hispanic	25.0%	10.0%	60.0%	5.0%	White	0	
White	53.0%	20.5%	23.1%	3.4%			
Other	0.0%	33.3%	66.7%	0.0%			
Chi-square, X-tab ⁶ :		.027*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARION POLICE DEPARTMENT**

Total Citations ¹ : 218	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	18.4%	Citations per 1000	
	Passing through:	81.6%	18 + residents:	54

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 207)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
36.82				N/A			
Gender %				Gender %			
Female 41.1%				Female N/A			
Male 58.5%				Male N/A			
Non-binary 0.5%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ N/A			
AA/Black 9.0%				AA/Black N/A			
Hispanic 2.0%				Hispanic N/A			
White 88.6%				White N/A			
Other 0.5%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.0%	1.4%	7.6%	AA/Black	9.0%	14.5%	-5.5%
Hispanic	2.0%	4.4%	-2.4%	Hispanic	2.0%	15.2%	-13.2%
White	88.6%	84.7%	3.9%	White	88.6%	65.1%	23.5%
Other	0.5%	5.3%	-4.8%	Other	0.5%	5.2%	-4.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	10.7%	13.9%	NW	N/A	N/A	N/A
White	165	89.3%	86.1%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .583 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .529 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	47.4%	10.5%	36.8%	5.3%	NW	0	N/A
Hispanic	60.0%	0.0%	40.0%	0.0%	White	0	N/A
White	75.9%	7.0%	14.4%	2.7%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .324 <i>not sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARLBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 1,448	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	46.9%	Citations per 1000	
	Passing through:	53.1%	18 + residents:	46

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,101)				ITP Stops ³ (N = 388)			
Mean age				Mean age			
38.18				37.71			
Gender %				Gender %			
Female 35.8%				Female 34.4%			
Male 64.2%				Male 65.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.6%				Race % Mis/Unk ⁴ 5.7%			
AA/Black 4.8%				AA/Black 4.6%			
Hispanic 16.9%				Hispanic 20.8%			
White 75.6%				White 70.5%			
Other 2.8%				Other 4.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.8%	3.8%	1.0%	AA/Black	4.8%	14.5%	-9.7%
Hispanic	16.9%	15.1%	1.8%	Hispanic	16.9%	15.2%	1.7%
White	75.6%	69.2%	6.4%	White	75.6%	65.1%	10.5%
Other	2.8%	9.8%	-7.0%	Other	2.8%	5.2%	-2.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	239	21.8%	29.5%	NW	96	31.1%	24.3%
White	748	78.2%	70.5%	White	237	68.9%	75.7%
Chi-square, X-tab ⁶ :		.009*	sig.	Chi-square, X-tab ⁶ :		.199	not sig.
Odds ratio Exp(B) ⁷ :		.666*	sig.	Odds ratio Exp(B) ⁷ :		1.093	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	41.5%	23.1%	29.2%	6.2%	NW	3	N/A
Hispanic	34.0%	19.0%	39.9%	7.1%	White	11	N/A
White	47.7%	25.8%	22.9%	3.7%			
Other	59.0%	30.8%	10.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARSHFIELD POLICE DEPARTMENT**

Total Citations ¹ : 286	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	55.3%	Citations per 1000	
	Passing through:	44.7%	18 + residents:	11

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 226)				ITP Stops ³ (N = 90)			
Mean age				Mean age			
37.53				38.41			
Gender %				Gender %			
Female 24.3%				Female 24.4%			
Male 75.7%				Male 75.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 6.2%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 7.5%				AA/Black 10.0%			
Hispanic 4.2%				Hispanic 3.3%			
White 87.7%				White 86.7%			
Other 0.5%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.5%	0.6%	6.9%	AA/Black	7.5%	14.5%	-7.0%
Hispanic	4.2%	2.1%	2.1%	Hispanic	4.2%	15.2%	-11.0%
White	87.7%	96.3%	-8.6%	White	87.7%	65.1%	22.6%
Other	0.5%	1.6%	-1.1%	Other	0.5%	5.2%	-4.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	21.6%	9.9%	NW	N/A	N/A	N/A
White	140	78.4%	90.1%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .037* sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 2.848* sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	8.7%	13.0%	78.3%	0.0%	NW	0	N/A
Hispanic	8.3%	0.0%	91.7%	0.0%	White	5	N/A
White	16.7%	27.0%	49.4%	6.9%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .016* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASHPEE POLICE DEPARTMENT**

Total Citations ¹ : 368	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.2%	Citations per 1000	
	Passing through:	74.8%	18 + residents:	30.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 317)				ITP Stops ³ (N = 91)			
Mean age				Mean age			
36.54				35.68			
Gender %				Gender %			
Female 29.0%				Female 25.8%			
Male 70.7%				Male 73.0%			
Non-binary 0.3%				Non-binary 1.1%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 5.5%			
AA/Black 15.6%				AA/Black 14.0%			
Hispanic 5.2%				Hispanic 4.7%			
White 78.2%				White 81.4%			
Other 1.0%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.6%	3.2%	12.4%	AA/Black	15.6%	14.5%	1.1%
Hispanic	5.2%	0.6%	4.6%	Hispanic	5.2%	15.2%	-10.0%
White	78.2%	85.7%	-7.5%	White	78.2%	65.1%	13.1%
Other	1.0%	9.6%	-8.6%	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	21.9%	22.0%	NW	N/A	N/A	N/A
White	217	78.1%	78.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.980	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.831	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	10.9%	7.3%	80.0%	1.8%	NW	4	N/A
Hispanic	0.0%	10.5%	84.2%	5.3%	White	4	N/A
White	7.5%	24.6%	57.1%	10.7%			
Other	33.3%	0.0%	66.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.006* sig.					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MATTAPOISETT POLICE DEPARTMENT**

Total Citations ¹ : 1,021	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.8%	Citations per 1000	
	Passing through:	80.2%	18 + residents:	187

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 989)				ITP Stops ³ (N = 383)			
Mean age				Mean age			
38.14				37.96			
Gender %				Gender %			
Female 40.6%				Female 37.8%			
Male 59.2%				Male 61.9%			
Non-binary 0.2%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 3.0%				Race % Mis/Unk ⁴ 2.6%			
AA/Black 6.6%				AA/Black 7.5%			
Hispanic 4.1%				Hispanic 4.6%			
White 88.8%				White 87.1%			
Other 0.5%				Other 0.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.6%	0.0%	6.6%	AA/Black	6.6%	14.5%	-7.9%
Hispanic	4.1%	2.4%	1.7%	Hispanic	4.1%	15.2%	-11.1%
White	88.8%	95.2%	-6.4%	White	88.8%	65.1%	23.7%
Other	0.5%	1.5%	-1.0%	Other	0.5%	5.2%	-4.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104	10.5%	12.8%	NW	45	13.6%	10.9%
White	829	89.5%	87.2%	White	304	86.4%	89.1%
Chi-square, X-tab ⁶ :		.309	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.500	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.782	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.557	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.2%	6.1%	15.2%	4.5%	NW	1	N/A
Hispanic	61.5%	5.1%	25.6%	7.7%	White	0	N/A
White	81.8%	5.3%	9.3%	3.5%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.054	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MAYNARD POLICE DEPARTMENT**

Total Citations ¹ : 935	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.0%	Citations per 1000	
	Passing through:	77.0%	18 + residents:	105.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 878)				ITP Stops ³ (N = 363)			
Mean age				Mean age			
37.87				36.94			
Gender %				Gender %			
Female 34.2%				Female 32.4%			
Male 65.7%				Male 67.6%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 8.3%				AA/Black 7.6%			
Hispanic 10.0%				Hispanic 9.1%			
White 77.3%				White 78.8%			
Other 4.4%				Other 4.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.3%	1.3%	7.0%	AA/Black	8.3%	14.5%	-6.2%
Hispanic	10.0%	3.4%	6.6%	Hispanic	10.0%	15.2%	-5.2%
White	77.3%	91.9%	-14.6%	White	77.3%	65.1%	12.2%
Other	4.4%	3.4%	1.0%	Other	4.4%	5.2%	-0.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	187	21.3%	25.2%	NW	67	20.3%	21.6%
White	639	78.7%	74.8%	White	254	79.7%	78.4%
Chi-square, X-tab ⁶ :		.201	not sig.	Chi-square, X-tab ⁶ :		.784	not sig.
Odds ratio Exp(B) ⁷ :		.840	not sig.	Odds ratio Exp(B) ⁷ :		.991	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.5%	12.7%	25.3%	2.5%	NW	0	N/A
Hispanic	47.0%	8.0%	30.0%	15.0%	White	0	N/A
White	69.0%	14.7%	12.3%	4.0%			
Other	72.5%	12.5%	10.0%	5.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MEDFIELD POLICE DEPARTMENT**

Total Citations ¹ : 437	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	24.0%	Citations per 1000	
	Passing through:	76.0%	18 + residents:	48.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 412)				ITP Stops ³ (N = 147)			
Mean age				Mean age			
39.85				37.01			
Gender %				Gender %			
Female 43.4%				Female 39.5%			
Male 56.6%				Male 60.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.8%				Race % Mis/Unk ⁴ 5.4%			
AA/Black 6.6%				AA/Black 4.3%			
Hispanic 5.0%				Hispanic 5.0%			
White 85.3%				White 87.1%			
Other 3.2%				Other 3.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.6%	0.9%	5.7%	AA/Black	6.6%	14.5%	-7.9%
Hispanic	5.0%	91.1%	-86.1%	Hispanic	5.0%	15.2%	-10.2%
White	85.3%	91.1%	-5.8%	White	85.3%	65.1%	20.2%
Other	3.2%	6.1%	-2.9%	Other	3.2%	5.2%	-2.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	49	14.4%	11.1%	NW	N/A	N/A	N/A
White	305	85.6%	88.9%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.489	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.015	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	64.0%	20.0%	16.0%	0.0%	NW	0	
Hispanic	57.9%	21.1%	15.8%	5.3%	White	0	
White	80.4%	15.0%	4.0%	0.6%			
Other	75.0%	25.0%	0.0%	0.0%	Counts	Percent	
Chi-square, X-tab ⁶ :		.017*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MEDFORD POLICE DEPARTMENT**

Total Citations ¹ : 1,267	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.8%	Citations per 1000	
	Passing through:	72.2%	18 + residents:	25.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,178)				ITP Stops ³ (N = 503)			
Mean age				Mean age			
39.5				39.11			
Gender %				Gender %			
Female 32.5%				Female 34.2%			
Male 67.5%				Male 65.6%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 8.2%				Race % Mis/Unk ⁴ 9.1%			
AA/Black 16.4%				AA/Black 14.4%			
Hispanic 14.8%				Hispanic 14.4%			
White 59.5%				White 62.1%			
Other 9.3%				Other 9.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	16.4%	9.2%	7.2%	AA/Black	16.4%	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%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	412	35.9%	48.6%	NW	155	33.5%	42.4%
White	607	64.1%	51.4%	White	259	66.5%	57.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .063 not sig.			
Odds ratio Exp(B) ⁷ : .569* sig.				Odds ratio Exp(B) ⁷ : .499* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	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%			
Chi-square, X-tab ⁶ : .000* sig.							
					Counts	Percent	

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MEDWAY POLICE DEPARTMENT**

Total Citations ¹ : 2,341	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.5%	Citations per 1000	
	Passing through:	73.5%	18 + residents:	230.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,300)				ITP Stops ³ (N = 557)			
Mean age				Mean age			
41.87				40.03			
Gender %				Gender %			
Female		46.2%		Female		43.4%	
Male		53.7%		Male		56.6%	
Non-binary		0.1%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		0.3%				0.2%	
AA/Black		2.7%		AA/Black		3.8%	
Hispanic		6.7%		Hispanic		5.8%	
White		86.3%		White		87.1%	
Other		4.2%		Other		3.4%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.7%	2.8%	-0.1%	AA/Black	2.7%	14.5%	-11.8%
Hispanic	6.7%	2.6%	4.1%	Hispanic	6.7%	15.2%	-8.5%
White	86.3%	90.0%	-3.7%	White	86.3%	65.1%	21.2%
Other	4.2%	6.1%	-1.9%	Other	4.2%	5.2%	-1.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	306	13.8%	12.0%	NW	64	13.4%	10.1%
White	1,930	86.2%	88.0%	White	435	86.6%	89.9%
Chi-square, X-tab ⁶ :		.529	not sig.	Chi-square, X-tab ⁶ :		.398	not sig.
Odds ratio Exp(B) ⁷ :		1.071	not sig.	Odds ratio Exp(B) ⁷ :		1.263	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	90.6%	3.1%	4.7%	1.6%	NW	0	N/A
Hispanic	74.8%	4.4%	19.5%	1.3%	White	2	N/A
White	94.5%	2.6%	2.1%	0.8%			
Other	98.0%	2.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MELROSE POLICE DEPARTMENT**

Total Citations ¹ : 316	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	24.6%	Citations per 1000	
	Passing through:	75.4%	18 + residents:	13.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 272)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
42.55				N/A			
Gender %				Gender %			
Female 40.3%				Female N/A			
Male 59.3%				Male N/A			
Non-binary 0.4%				Non-binary N/A			
Race % Mis/Unk ⁴ 12.9%				Race % Mis/Unk ⁴ N/A			
AA/Black 7.6%				AA/Black N/A			
Hispanic 3.8%				Hispanic N/A			
White 80.6%				White N/A			
Other 8.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.6%	3.4%	4.2%	AA/Black	7.6%	14.5%	-6.9%
Hispanic	3.8%	3.5%	0.3%	Hispanic	3.8%	15.2%	-11.4%
White	80.6%	80.8%	-0.2%	White	80.6%	65.1%	15.5%
Other	8.0%	12.8%	-4.8%	Other	8.0%	5.2%	2.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	19.3%	20.6%	NW	N/A	N/A	N/A
White	178	80.7%	79.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .856 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .684 not sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	69.6%	8.7%	21.7%	0.0%	NW	0 N/A
Hispanic	63.6%	0.0%	36.4%	0.0%	White	4 N/A
White	70.5%	9.4%	18.8%	1.3%		
Other	66.7%	28.6%	4.8%	0.0%		Counts Percent
Chi-square, X-tab ⁶ : .158 not sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MENDON POLICE DEPARTMENT**

Total Citations ¹ : 1,088	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.9%	Citations per 1000	
	Passing through:	93.1%	18 + residents:	229.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,036)				ITP Stops ³ (N = 346)			
Mean age				Mean age			
35.81				34.79			
Gender %				Gender %			
Female 31.6%				Female 28.8%			
Male 68.4%				Male 71.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 4.4%				AA/Black 2.9%			
Hispanic 10.0%				Hispanic 10.3%			
White 84.0%				White 85.6%			
Other 1.7%				Other 1.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.4%	0.1%	4.3%	AA/Black	4.4%	14.5%	-10.1%
Hispanic	10.0%	2.3%	7.7%	Hispanic	10.0%	15.2%	-5.2%
White	84.0%	92.3%	-8.3%	White	84.0%	65.1%	18.9%
Other	1.7%	5.3%	-3.6%	Other	1.7%	5.2%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	156	14.2%	21.2%	NW	42	14.1%	17.3%
White	798	85.8%	78.8%	White	233	85.9%	82.7%
Chi-square, X-tab ⁶ : .007* sig.				Chi-square, X-tab ⁶ : .477 not sig.			
Odds ratio Exp(B) ⁷ : .606* sig.				Odds ratio Exp(B) ⁷ : .746 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	47.9%	18.8%	27.1%	6.3%	NW	0	N/A
Hispanic	27.0%	13.9%	54.8%	4.3%	White	0	N/A
White	63.3%	18.8%	16.6%	1.2%			
Other	66.7%	16.7%	11.1%	5.6%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MERRIMAC POLICE DEPARTMENT**

Total Citations ¹ : 368	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.0%	Citations per 1000	
	Passing through:	71.0%	18 + residents:	68.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 352)				ITP Stops ³ (N = 121)			
Mean age				Mean age			
40.78				41.46			
Gender %				Gender %			
Female 43.3%				Female 41.3%			
Male 56.4%				Male 58.7%			
Non-binary 0.3%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.7%				Race % Mis/Unk ⁴ 2.5%			
AA/Black 2.1%				AA/Black 3.4%			
Hispanic 4.4%				Hispanic 4.2%			
White 93.2%				White 92.4%			
Other 0.3%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.1%	0.0%	2.1%	AA/Black	2.1%	14.5%	-12.4%
Hispanic	4.4%	1.4%	3.0%	Hispanic	4.4%	15.2%	-10.8%
White	93.2%	92.4%	0.8%	White	93.2%	65.1%	28.1%
Other	0.3%	6.2%	-5.9%	Other	0.3%	5.2%	-4.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	3.5%	10.2%	NW	N/A	N/A	N/A
White	299	96.5%	89.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .015* sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .317* sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	85.7%	0.0%	14.3%	0.0%	NW	0	N/A
Hispanic	62.5%	6.3%	25.0%	6.3%	White	0	N/A
White	78.8%	6.4%	12.7%	2.1%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .030* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
METHUEN POLICE DEPARTMENT**

Total Citations ¹ : 2,607	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	30.2%	Citations per 1000	
	Passing through:	69.8%	18 + residents:	65

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,329)				ITP Stops ³ (N = 957)			
Mean age				Mean age			
35.7				34.67			
Gender %				Gender %			
Female 33.6%				Female 31.8%			
Male 66.4%				Male 68.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 20.2%				Race % Mis/Unk ⁴ 23.7%			
AA/Black 8.0%				AA/Black 7.9%			
Hispanic 48.7%				Hispanic 50.4%			
White 41.0%				White 39.2%			
Other 2.3%				Other 2.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.0%	4.3%	3.7%	AA/Black	8.0%	14.5%	-6.5%
Hispanic	48.7%	29.5%	19.2%	Hispanic	48.7%	15.2%	33.5%
White	41.0%	60.9%	-19.9%	White	41.0%	65.1%	-24.1%
Other	2.3%	8.3%	-6.0%	Other	2.3%	5.2%	-2.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,042	55.9%	66.0%	NW	397	60.0%	63.2%
White	713	44.1%	34.0%	White	252	40.0%	36.8%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .408 not sig.			
Odds ratio Exp(B) ⁷ : .677* sig.				Odds ratio Exp(B) ⁷ : .621* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.3%	17.1%	12.0%	0.6%	NW	14	N/A
Hispanic	62.9%	18.7%	14.2%	4.1%	White	7	N/A
White	73.0%	14.6%	9.4%	3.1%			
Other	77.1%	20.8%	2.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MIDDLEBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 558	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.8%	Citations per 1000	
	Passing through:	64.2%	18 + residents:	27.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 383)				ITP Stops ³ (N = 144)			
Mean age				Mean age			
37.47				36.03			
Gender %				Gender %			
Female 32.6%				Female 31.5%			
Male 67.4%				Male 68.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 10.1%				AA/Black 9.1%			
Hispanic 1.1%				Hispanic 1.4%			
White 88.3%				White 89.5%			
Other 0.5%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.1%	2.1%	8.0%	AA/Black	10.1%	14.5%	-4.4%
Hispanic	1.1%	3.0%	-1.9%	Hispanic	1.1%	15.2%	-14.1%
White	88.3%	92.2%	-3.9%	White	88.3%	65.1%	23.2%
Other	0.5%	2.0%	-1.5%	Other	0.5%	5.2%	-4.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	41	9.6%	15.3%	NW	15	8.3%	17.4%
White	294	90.4%	84.7%	White	115	91.7%	82.6%
Chi-square, X-tab ⁶ :		.110	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.122	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.612	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.351	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	33.3%	19.6%	37.3%	9.8%	NW	2	N/A
Hispanic	75.0%	0.0%	25.0%	0.0%	White	10	N/A
White	40.1%	18.7%	29.7%	11.4%			
Other	0.0%	0.0%	20.0%	80.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.001*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MIDDLETON POLICE DEPARTMENT**

Total Citations ¹ : 854	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.2%	Citations per 1000	
	Passing through:	87.8%	18 + residents:	104.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 823)				ITP Stops ³ (N = 264)			
Mean age				Mean age			
38.96				38.32			
Gender %				Gender %			
Female 36.8%				Female 38.3%			
Male 63.2%				Male 61.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 3.7%				AA/Black 4.2%			
Hispanic 16.8%				Hispanic 21.8%			
White 75.4%				White 68.6%			
Other 4.1%				Other 5.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.7%	1.5%	2.2%	AA/Black	3.7%	14.5%	-10.8%
Hispanic	16.8%	6.2%	10.6%	Hispanic	16.8%	15.2%	1.6%
White	75.4%	90.3%	-14.9%	White	75.4%	65.1%	10.3%
Other	4.1%	4.7%	-0.6%	Other	4.1%	5.2%	-1.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	185	19.9%	36.3%	NW	69	27.5%	36.8%
White	585	80.1%	63.7%	White	159	72.5%	63.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .164 not sig.			
Odds ratio Exp(B) ⁷ : .416* sig.				Odds ratio Exp(B) ⁷ : .464 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.6%	16.1%	3.2%	0.0%	NW	0	N/A
Hispanic	67.4%	11.3%	18.4%	2.8%	White	2	N/A
White	80.4%	11.5%	6.5%	1.6%			
Other	94.1%	5.9%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILFORD POLICE DEPARTMENT**

Total Citations ¹ : 1,869	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	55.2%	Citations per 1000	
	Passing through:	44.8%	18 + residents:	83.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,650)				ITP Stops ³ (N = 593)			
Mean age				Mean age			
35.76				34.37			
Gender %				Gender %			
Female 30.6%				Female 27.5%			
Male 69.4%				Male 72.5%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 3.7%				AA/Black 2.9%			
Hispanic 9.8%				Hispanic 13.0%			
White 85.1%				White 83.4%			
Other 1.4%				Other 0.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.7%	2.3%	1.4%	AA/Black	3.7%	14.5%	-10.8%
Hispanic	9.8%	14.0%	-4.2%	Hispanic	9.8%	15.2%	-5.4%
White	85.1%	73.8%	11.3%	White	85.1%	65.1%	20.0%
Other	1.4%	5.4%	-4.0%	Other	1.4%	5.2%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	225	13.3%	18.5%	NW	87	13.3%	20.6%
White	1,246	86.7%	81.5%	White	442	86.7%	79.4%
Chi-square, X-tab ⁶ : .007* sig.				Chi-square, X-tab ⁶ : .024* sig.			
Odds ratio Exp(B) ⁷ : .712* sig.				Odds ratio Exp(B) ⁷ : .393* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	66.2%	7.4%	20.6%	5.9%	NW	3
Hispanic	28.4%	2.1%	61.6%	7.9%	White	12
White	59.0%	3.2%	34.6%	3.3%		
Other	91.3%	4.3%	0.0%	4.3%	Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILLBURY POLICE DEPARTMENT**

Total Citations ¹ : 236	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.0%	Citations per 1000	
	Passing through:	72.0%	18 + residents:	21.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 193)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
34.71				N/A			
Gender %				Gender %			
Female 31.9%				Female N/A			
Male 68.1%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 7.8%				Race % Mis/Unk ⁴ N/A			
AA/Black 11.2%				AA/Black N/A			
Hispanic 13.5%				Hispanic N/A			
White 74.2%				White N/A			
Other 1.1%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.2%	1.4%	9.8%	AA/Black	11.2%	14.5%	-3.3%
Hispanic	13.5%	1.2%	12.3%	Hispanic	13.5%	15.2%	-1.7%
White	74.2%	91.1%	-16.9%	White	74.2%	65.1%	9.1%
Other	1.1%	5.4%	-4.3%	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	19.1%	35.3%	NW	N/A	N/A	N/A
White	99	80.9%	64.7%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .034* sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .405* sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	26.9%	11.5%	50.0%	11.5%	NW	0 N/A
Hispanic	34.5%	6.9%	48.3%	10.3%	White	2 N/A
White	34.2%	19.6%	35.4%	10.8%		
Other	25.0%	0.0%	25.0%	50.0%		Counts Percent
Chi-square, X-tab ⁶ : .246 not sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILLIS POLICE DEPARTMENT**

Total Citations ¹ : 396	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.4%	Citations per 1000	
	Passing through:	83.6%	18 + residents:	61

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 366)				ITP Stops ³ (N = 119)			
Mean age				Mean age			
38.22				36.25			
Gender %				Gender %			
Female 30.3%				Female 33.6%			
Male 69.4%				Male 65.6%			
Non-binary 0.3%				Non-binary 0.9%			
Race % Mis/Unk ⁴ 6.0%				Race % Mis/Unk ⁴ 12.6%			
AA/Black 4.1%				AA/Black 5.8%			
Hispanic 9.0%				Hispanic 3.8%			
White 84.3%				White 88.5%			
Other 2.6%				Other 1.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.1%	2.3%	1.8%	AA/Black	4.1%	14.5%	-10.4%
Hispanic	9.0%	2.3%	6.7%	Hispanic	9.0%	15.2%	-6.2%
White	84.3%	92.9%	-8.6%	White	84.3%	65.1%	19.2%
Other	2.6%	1.7%	0.9%	Other	2.6%	5.2%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	16.8%	13.0%	NW	N/A	N/A	N/A
White	283	83.2%	87.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .399 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 1.562 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	50.0%	18.8%	31.3%	0.0%	NW	1	
Hispanic	23.5%	2.9%	73.5%	0.0%	White	4	
White	66.6%	9.6%	19.3%	4.5%			
Other	63.6%	18.2%	18.2%	0.0%			
Chi-square, X-tab ⁶ : .000* <i>sig.</i>						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILLVILLE POLICE DEPARTMENT**

Total Citations ¹ : 197	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.4%	Citations per 1000	
	Passing through:	86.6%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 194)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.21				N/A			
Gender %				Gender %			
Female 40.4%				Female N/A			
Male 59.6%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 6.7%				Race % Mis/Unk ⁴ N/A			
AA/Black 6.1%				AA/Black N/A			
Hispanic 6.1%				Hispanic N/A			
White 85.6%				White N/A			
Other 2.2%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	6.1%	N/A	N/A	AA/Black	6.1%	14.5% -8.4%
Hispanic	6.1%	N/A	N/A	Hispanic	6.1%	15.2% -9.1%
White	85.6%	N/A	N/A	White	85.6%	65.1% 20.5%
Other	2.2%	N/A	N/A	Other	2.2%	5.2% -3.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	12.3%	20.9%	NW	N/A	N/A	N/A
White	155	87.7%	79.1%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.160	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.534	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	27.3%	27.3%	45.5%	0.0%	NW	0	N/A
Hispanic	63.6%	18.2%	18.2%	0.0%	White	1	N/A
White	58.9%	20.9%	18.4%	1.9%			
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.453	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILTON POLICE DEPARTMENT**

Total Citations ¹ : 1,183	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.8%	Citations per 1000	
	Passing through:	86.2%	18 + residents:	56.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,095)				ITP Stops ³ (N = 184)			
Mean age				Mean age			
40.44				38.56			
Gender %				Gender %			
Female 39.1%				Female 42.6%			
Male 60.9%				Male 57.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.8%				Race % Mis/Unk ⁴ 2.7%			
AA/Black 51.5%				AA/Black 43.0%			
Hispanic 13.3%				Hispanic 17.3%			
White 31.1%				White 34.1%			
Other 4.1%				Other 5.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	51.5%	15.1%	36.4%	AA/Black	51.5%	14.5%	37.0%
Hispanic	13.3%	3.2%	10.1%	Hispanic	13.3%	15.2%	-1.9%
White	31.1%	71.7%	-40.6%	White	31.1%	65.1%	-34.0%
Other	4.1%	10.6%	-6.5%	Other	4.1%	5.2%	-1.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	717	68.6%	82.6%	NW	N/A	N/A	N/A
White	323	31.4%	17.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .152 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .545 not sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.4%	6.3%	10.7%	0.7%	NW	3	N/A
Hispanic	81.8%	4.7%	12.8%	0.7%	White	2	N/A
White	87.6%	7.2%	4.9%	0.3%			
Other	83.7%	14.3%	2.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .014* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MONSON POLICE DEPARTMENT**

Total Citations ¹ : 597	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	30.3%	Citations per 1000	
	Passing through:	69.7%	18 + residents:	82.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 557)				ITP Stops ³ (N = 204)			
Mean age				Mean age			
33.95				33.51			
Gender %				Gender %			
Female 25.5%				Female 21.7%			
Male 74.5%				Male 78.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.5%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 6.4%				AA/Black 6.4%			
Hispanic 5.5%				Hispanic 5.9%			
White 87.3%				White 86.6%			
Other 0.7%				Other 1.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.4%	1.1%	5.3%	AA/Black	6.4%	14.5%	-8.1%
Hispanic	5.5%	1.5%	4.0%	Hispanic	5.5%	15.2%	-9.7%
White	87.3%	95.9%	-8.6%	White	87.3%	65.1%	22.2%
Other	0.7%	2.0%	-1.3%	Other	0.7%	5.2%	-4.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	11.0%	14.6%	NW	23	15.5%	9.4%
White	422	89.0%	85.4%	White	159	84.5%	90.6%
Chi-square, X-tab ⁶ :		.323	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.220	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.612	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		2.221	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	36.6%	2.4%	39.0%	22.0%	NW	6	N/A
Hispanic	43.8%	15.6%	15.6%	25.0%	White	17	N/A
White	55.1%	20.6%	12.5%	11.9%			
Other	75.0%	25.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MONTAGUE POLICE DEPARTMENT

Total Citations ¹ : 639	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.8%	Citations per 1000	
	Passing through:	88.2%	18 + residents:	92.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 586)				ITP Stops ³ (N = 311)			
Mean age				Mean age			
37.39				38.43			
Gender %				Gender %			
Female 48.4%				Female 48.7%			
Male 51.6%				Male 51.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 3.5%				AA/Black 3.6%			
Hispanic 3.1%				Hispanic 2.6%			
White 92.4%				White 92.2%			
Other 1.0%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.5%	1.9%	1.6%	AA/Black	3.5%	14.5%	-11.0%
Hispanic	3.1%	4.2%	-1.1%	Hispanic	3.1%	15.2%	-12.1%
White	92.4%	88.9%	3.5%	White	92.4%	65.1%	27.3%
Other	1.0%	5.5%	-4.5%	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	42	9.3%	7.2%	NW	22	9.6%	6.8%
White	460	90.7%	92.8%	White	245	90.4%	93.2%
Chi-square, X-tab ⁶ :		.404	not sig.	Chi-square, X-tab ⁶ :		.404	not sig.
Odds ratio Exp(B) ⁷ :		1.177	not sig.	Odds ratio Exp(B) ⁷ :		.870	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	71.4%	4.8%	23.8%	0.0%	NW	0	N/A
Hispanic	71.4%	4.8%	19.0%	4.8%	White	1	N/A
White	84.5%	3.3%	11.0%	1.2%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.495	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MONTGOMERY POLICE DEPARTMENT**

Total Citations ¹ : 119	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 32.2%			Citations per 1000			
	Passing through: 67.8%			18 + residents: N/A			
¹ Total citations issued by department, including multiple-citation encounters and crashes							
All Stops² (N = 118)				ITP Stops³ (N = N/A)			
Mean age				Mean age			
42.35				N/A			
Gender %				Gender %			
Female 40.9%				Female N/A			
Male 58.3%				Male N/A			
Non-binary 0.9%				Non-binary N/A			
Race % Mis/Unk ⁴ 5.1%				Race % Mis/Unk ⁴ N/A			
AA/Black 1.8%				AA/Black N/A			
Hispanic 7.1%				Hispanic N/A			
White 90.2%				White N/A			
Other 0.9%				Other N/A			
² Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.8%	N/A	N/A	AA/Black	1.8%	14.5%	-12.7%
Hispanic	7.1%	N/A	N/A	Hispanic	7.1%	15.2%	-8.1%
White	90.2%	N/A	N/A	White	90.2%	65.1%	25.1%
Other	0.9%	N/A	N/A	Other	0.9%	5.2%	-4.3%
⁵ State average represents racial/ethnic breakdown of all 2022 stops by all MA departments							
VoD Analyses							
All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A
⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0	N/A
Hispanic	12.5%	75.0%	0.0%	12.5%	White	1	N/A
White	51.0%	47.1%	2.0%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .019* sig.							
⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NAHANT POLICE DEPARTMENT**

Total Citations ¹ : 184	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	10.2%	Citations per 1000	
	Passing through:	89.8%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 177)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
33.74				N/A			
Gender %				Gender %			
Female 29.8%				Female N/A			
Male 70.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 22.6%				Race % Mis/Unk ⁴ N/A			
AA/Black 18.2%				AA/Black N/A			
Hispanic 18.2%				Hispanic N/A			
White 56.2%				White N/A			
Other 7.3%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.2%	N/A	N/A	AA/Black	18.2%	14.5%	3.7%
Hispanic	18.2%	N/A	N/A	Hispanic	18.2%	15.2%	3.0%
White	56.2%	N/A	N/A	White	56.2%	65.1%	-8.9%
Other	7.3%	N/A	N/A	Other	7.3%	5.2%	2.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	55	42.1%	46.9%	NW	N/A	N/A	N/A
White	70	57.9%	53.1%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.595	<i>not sig.</i>	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.694	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	29.6%	33.3%	37.0%	0.0%	NW	0
Hispanic	7.4%	29.6%	59.3%	3.7%	White	2
White	50.0%	18.8%	26.3%	5.0%		
Other	40.0%	20.0%	40.0%	0.0%		
Chi-square, X-tab ⁶ :		.014* <i>sig.</i>				
					Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NANTUCKET POLICE DEPARTMENT**

Total Citations ¹ : 472	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	76.5%	Citations per 1000	
	Passing through:	23.5%	18 + residents:	52.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 396)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.65				N/A			
Gender %				Gender %			
Female 13.8%				Female N/A			
Male 86.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 4.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 13.4%				AA/Black N/A			
Hispanic 2.9%				Hispanic N/A			
White 83.4%				White N/A			
Other 0.3%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.4%	7.8%	5.6%	AA/Black	13.4%	14.5%	-1.1%
Hispanic	2.9%	4.2%	-1.3%	Hispanic	2.9%	15.2%	-12.3%
White	83.4%	85.2%	-1.8%	White	83.4%	65.1%	18.3%
Other	0.3%	4.1%	-3.8%	Other	0.3%	5.2%	-4.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	13.7%	27.7%	NW	N/A	N/A	N/A
White	251	86.3%	72.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.002*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.410*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	15.0%	28.3%	56.7%	0.0%	NW	1	N/A
Hispanic	8.3%	0.0%	83.3%	8.3%	White	1	N/A
White	10.9%	35.3%	52.8%	1.1%			
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.091	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NATICK POLICE DEPARTMENT**

Total Citations ¹ : 1,938	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.5%	Citations per 1000	
	Passing through:	76.5%	18 + residents:	70.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,484)				ITP Stops ³ (N = 424)			
Mean age				Mean age			
40.18				39.93			
Gender %				Gender %			
Female 36.1%				Female 39.2%			
Male 63.9%				Male 60.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 12.0%				AA/Black 12.9%			
Hispanic 11.7%				Hispanic 8.8%			
White 69.4%				White 71.2%			
Other 7.0%				Other 7.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	12.0%	1.9%	10.1%	AA/Black	12.0%	-2.5%
Hispanic	11.7%	4.1%	7.6%	Hispanic	11.7%	-3.5%
White	69.4%	78.9%	-9.5%	White	69.4%	4.3%
Other	7.0%	15.0%	-8.0%	Other	7.0%	1.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	414	30.4%	31.9%	NW	103	28.4%	26.3%	White	271	71.6%	73.7%
White	931	69.6%	68.1%	White	271	71.6%	73.7%	Chi-square, X-tab ⁶ :	.613	<i>not sig.</i>	
Chi-square, X-tab ⁶ : .613 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .927 <i>not sig.</i>				Chi-square, X-tab ⁶ : .661 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .927 <i>not sig.</i>								Odds ratio Exp(B) ⁷ : 1.013 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.9%	17.2%	22.0%	1.9%	NW	8	N/A
Hispanic	43.5%	15.9%	35.7%	4.8%	White	21	N/A
White	67.1%	17.9%	13.1%	1.9%			
Other	64.0%	27.2%	7.0%	1.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEEDHAM POLICE DEPARTMENT**

Total Citations ¹ : 1,397	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.2%	Citations per 1000	
	Passing through:	71.8%	18 + residents:	60.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,315)				ITP Stops ³ (N = 349)			
Mean age				Mean age			
43.12				43.13			
Gender %				Gender %			
Female 46.9%				Female 45.5%			
Male 53.1%				Male 54.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 5.1%				AA/Black 5.3%			
Hispanic 7.5%				Hispanic 6.7%			
White 77.1%				White 75.7%			
Other 10.3%				Other 12.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.1%	2.9%	2.2%	AA/Black	5.1%	14.5%	-9.4%
Hispanic	7.5%	3.2%	4.3%	Hispanic	7.5%	15.2%	-7.7%
White	77.1%	82.6%	-5.5%	White	77.1%	65.1%	12.0%
Other	10.3%	11.4%	-1.1%	Other	10.3%	5.2%	5.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	286	22.0%	31.8%	NW	76	22.8%	30.0%
White	959	78.0%	68.2%	White	235	77.2%	70.0%
Chi-square, X-tab ⁶ : .012* sig.				Chi-square, X-tab ⁶ : .219 not sig.			
Odds ratio Exp(B) ⁷ : .614* sig.				Odds ratio Exp(B) ⁷ : .596 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.8%	4.2%	12.5%	5.6%	NW	2	N/A
Hispanic	64.3%	13.3%	20.4%	2.0%	White	7	N/A
White	83.0%	10.6%	4.7%	1.6%			
Other	83.2%	10.9%	5.1%	0.7%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEW BEDFORD POLICE DEPARTMENT**

Total Citations ¹ : 3,197	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	74.9%	Citations per 1000	
	Passing through:	25.1%	18 + residents:	43.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,525)				ITP Stops ³ (N = 823)			
Mean age				Mean age			
36.32				36.5			
Gender %				Gender %			
Female 37.6%				Female 37.5%			
Male 62.3%				Male 62.4%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 5.0%				Race % Mis/Unk ⁴ 3.3%			
AA/Black 21.6%				AA/Black 20.1%			
Hispanic 12.2%				Hispanic 12.3%			
White 65.9%				White 67.5%			
Other 0.3%				Other 0.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	21.6%	7.0%	14.6%	AA/Black	21.6%	14.5%	7.1%
Hispanic	12.2%	20.8%	-8.6%	Hispanic	12.2%	15.2%	-3.0%
White	65.9%	60.5%	5.4%	White	65.9%	65.1%	0.8%
Other	0.3%	6.8%	-6.5%	Other	0.3%	5.2%	-4.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	689	31.1%	37.0%	NW	225	31.4%	32.4%
White	1,371	68.9%	63.0%	White	482	68.6%	67.6%
Chi-square, X-tab ⁶ :		.006*	sig.	Chi-square, X-tab ⁶ :		.779	not sig.
Odds ratio Exp(B) ⁷ :		.795*	sig.	Odds ratio Exp(B) ⁷ :		.831	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	37.1%	8.7%	44.0%	10.2%	NW	13	N/A
Hispanic	33.8%	9.3%	47.1%	9.8%	White	17	N/A
White	51.6%	10.7%	32.3%	5.3%			
Other	9.1%	0.0%	90.9%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEW BRAINTREE POLICE DEPARTMENT**

Total Citations ¹ : 115	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	8.3%	Citations per 1000	
	Passing through:	91.7%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 109)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
37.89				N/A			
Gender %				Gender %			
Female		26.6%		Female		N/A	
Male		72.5%		Male		N/A	
Non-binary		0.9%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
AA/Black		4.6%		AA/Black		N/A	
Hispanic		9.2%		Hispanic		N/A	
White		84.4%		White		N/A	
Other		1.8%		Other		N/A	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.6%	N/A	N/A	AA/Black	4.6%	14.5%	-9.9%
Hispanic	9.2%	N/A	N/A	Hispanic	9.2%	15.2%	-6.0%
White	84.4%	N/A	N/A	White	84.4%	65.1%	19.3%
Other	1.8%	N/A	N/A	Other	1.8%	5.2%	-3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.0%	20.0%	20.0%	0.0%	NW	0	N/A
Hispanic	54.5%	18.2%	27.3%	0.0%	White	2	N/A
White	75.0%	10.4%	7.3%	7.3%			
Other	66.7%	33.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.439	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEW MARLBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 347	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.7%	Citations per 1000	
	Passing through:	88.3%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 333)				ITP Stops ³ (N = 178)			
Mean age				Mean age			
42.25				42.76			
Gender %				Gender %			
Female		25.5%		Female		23.6%	
Male		74.5%		Male		76.4%	
Non-binary		0.0%		Non-binary		0.0%	
Race % Mis/Unk ⁴ 0.6%				Race % Mis/Unk ⁴ 0.0%			
AA/Black		4.5%		AA/Black		5.6%	
Hispanic		4.8%		Hispanic		3.4%	
White		89.1%		White		88.8%	
Other		1.5%		Other		2.2%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.5%	N/A	N/A	AA/Black	4.5%	14.5%	-10.0%
Hispanic	4.8%	N/A	N/A	Hispanic	4.8%	15.2%	-10.4%
White	89.1%	N/A	N/A	White	89.1%	65.1%	24.0%
Other	1.5%	N/A	N/A	Other	1.5%	5.2%	-3.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	9.7%	13.0%	NW	18	12.5%	8.5%
White	277	90.3%	87.0%	White	145	87.5%	91.5%
Chi-square, X-tab ⁶ :		.361	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.431	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.564	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.205	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	43.8%	18.8%	25.0%	12.5%	NW	0	N/A
Hispanic	5.9%	41.2%	52.9%	0.0%	White	0	N/A
White	41.7%	42.3%	12.7%	3.3%			
Other	20.0%	80.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEW SALEM POLICE DEPARTMENT**

Total Citations ¹ : 232	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	1.3%	Citations per 1000	
	Passing through:	98.7%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 224)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
33				N/A			
Gender %				Gender %			
Female 26.0%				Female N/A			
Male 74.0%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 4.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 9.7%				AA/Black N/A			
Hispanic 9.2%				Hispanic N/A			
White 76.7%				White N/A			
Other 4.4%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	9.7%	N/A	N/A	AA/Black	9.7%	14.5% -4.8%
Hispanic	9.2%	N/A	N/A	Hispanic	9.2%	15.2% -6.0%
White	76.7%	N/A	N/A	White	76.7%	65.1% 11.6%
Other	4.4%	N/A	N/A	Other	4.4%	5.2% -0.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	24.1%	25.7%	NW	N/A	N/A	N/A
White	149	75.9%	74.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.001*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.801	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	42.9%	14.3%	38.1%	4.8%	NW	0	N/A
Hispanic	20.0%	10.0%	55.0%	15.0%	White	1	N/A
White	40.9%	17.7%	39.6%	1.8%			
Other	22.2%	66.7%	11.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.001*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEWBURY POLICE DEPARTMENT**

Total Citations ¹ : 257	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.7%	Citations per 1000	
	Passing through:	87.3%	18 + residents:	48

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 229)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
36.45				N/A			
Gender %				Gender %			
Female		34.6%		Female		N/A	
Male		65.4%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
AA/Black		0.9%		AA/Black		N/A	
Hispanic		6.1%		Hispanic		N/A	
White		92.1%		White		N/A	
Other		0.9%		Other		N/A	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	0.9%	1.0%	-0.1%	AA/Black	0.9%	14.5%	-13.6%
Hispanic	6.1%	3.0%	3.1%	Hispanic	6.1%	15.2%	-9.1%
White	92.1%	92.1%	0.0%	White	92.1%	65.1%	27.0%
Other	0.9%	2.8%	-1.9%	Other	0.9%	5.2%	-4.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	50.0%	50.0%	0.0%	0.0%	NW	0
Hispanic	13.3%	26.7%	60.0%	0.0%	White	0
White	42.7%	26.9%	22.6%	7.7%		
Other	33.3%	66.7%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.068	not sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEWBURYPORT POLICE DEPARTMENT**

Total Citations ¹ : 612	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.8%	Citations per 1000	
	Passing through:	64.2%	18 + residents:	42.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 567)				ITP Stops ³ (N = 225)			
Mean age				Mean age			
41.56				40.92			
Gender %				Gender %			
Female 44.4%				Female 41.8%			
Male 55.6%				Male 58.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 1.4%				AA/Black 1.8%			
Hispanic 5.4%				Hispanic 5.9%			
White 93.0%				White 92.3%			
Other 0.2%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.4%	1.7%	-0.3%	AA/Black	1.4%	14.5%	-13.1%
Hispanic	5.4%	2.8%	2.6%	Hispanic	5.4%	15.2%	-9.8%
White	93.0%	92.4%	0.6%	White	93.0%	65.1%	27.9%
Other	0.2%	3.9%	-3.7%	Other	0.2%	5.2%	-5.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	6.3%	9.6%	NW	15	6.5%	9.0%
White	478	93.7%	90.4%	White	191	93.5%	91.0%
Chi-square, X-tab ⁶ :		.200	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.521	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.621	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.023	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.0%	0.0%	30.0%	0.0%	NW	0	N/A
Hispanic	42.4%	33.3%	24.2%	0.0%	White	1	N/A
White	62.7%	25.7%	8.8%	2.9%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.026* <i>sig.</i>					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEWTON POLICE DEPARTMENT**

Total Citations ¹ : 2,502	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	39.4%	Citations per 1000	
	Passing through:	60.6%	18 + residents:	36.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,382)				ITP Stops ³ (N = 1,118)			
Mean age				Mean age			
44.1				43.62			
Gender %				Gender %			
Female 42.8%				Female 42.8%			
Male 57.2%				Male 57.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.9%				Race % Mis/Unk ⁴ 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%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.7%	3.0%	7.7%	AA/Black	10.7%	14.5%	-3.8%
Hispanic	4.9%	4.9%	0.0%	Hispanic	4.9%	15.2%	-10.3%
White	74.2%	73.7%	0.5%	White	74.2%	65.1%	9.1%
Other	10.2%	18.4%	-8.2%	Other	10.2%	5.2%	5.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	532	24.6%	30.2%	NW	232	23.4%	26.0%
White	1,520	75.4%	69.8%	White	734	76.6%	74.0%
Chi-square, X-tab ⁶ : .014* sig.				Chi-square, X-tab ⁶ : .428 not sig.			
Odds ratio Exp(B) ⁷ : .729* sig.				Odds ratio Exp(B) ⁷ : .838 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	83.3%	7.1%	9.5%	0.0%	NW	1	N/A
Hispanic	79.7%	6.5%	13.8%	0.0%	White	1	N/A
White	89.4%	5.5%	5.1%	0.1%			
Other	92.8%	4.7%	2.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORFOLK POLICE DEPARTMENT**

Total Citations ¹ : 1,135	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	18.1%	Citations per 1000	
	Passing through:	81.9%	18 + residents:	120.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,084)				ITP Stops ³ (N = 448)			
Mean age				Mean age			
37.36				37.07			
Gender %				Gender %			
Female		29.9%		Female		29.7%	
Male		69.9%		Male		70.0%	
Non-binary		0.3%		Non-binary		0.2%	
Race %		Mis/Unk ⁴ 3.0%		Race %		Mis/Unk ⁴ 3.8%	
AA/Black		7.9%		AA/Black		5.3%	
Hispanic		9.2%		Hispanic		10.9%	
White		79.4%		White		80.0%	
Other		3.5%		Other		3.7%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.9%	7.4%	0.5%	AA/Black	7.9%	14.5%	-6.6%
Hispanic	9.2%	7.6%	1.6%	Hispanic	9.2%	15.2%	-6.0%
White	79.4%	83.2%	-3.8%	White	79.4%	65.1%	14.3%
Other	3.5%	3.1%	0.4%	Other	3.5%	5.2%	-1.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	209	19.7%	24.6%	NW	80	19.6%	25.0%
White	787	80.3%	75.4%	White	298	80.4%	75.0%
Chi-square, X-tab ⁶ :		.090	not sig.	Chi-square, X-tab ⁶ :		.248	not sig.
Odds ratio Exp(B) ⁷ :		.893	not sig.	Odds ratio Exp(B) ⁷ :		.916	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	46.4%	10.7%	29.8%	13.1%	NW	0	
Hispanic	30.5%	7.6%	37.1%	24.8%	White	1	
White	73.8%	11.2%	9.3%	5.7%			
Other	82.5%	5.0%	10.0%	2.5%	Counts	Percent	
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH ADAMS POLICE DEPARTMENT**

Total Citations ¹ : 432	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	57.8%	Citations per 1000	
	Passing through:	42.2%	18 + residents:	41.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 341)				ITP Stops ³ (N = 111)			
Mean age				Mean age			
39.03				39.68			
Gender %				Gender %			
Female 44.3%				Female 45.5%			
Male 55.7%				Male 54.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 8.2%				AA/Black 6.4%			
Hispanic 0.9%				Hispanic 0.0%			
White 90.6%				White 92.7%			
Other 0.3%				Other 0.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.2%	1.7%	6.5%	AA/Black	8.2%	14.5%	-6.3%
Hispanic	0.9%	6.6%	-5.7%	Hispanic	0.9%	15.2%	-14.3%
White	90.6%	86.0%	4.6%	White	90.6%	65.1%	25.5%
Other	0.3%	6.9%	-6.6%	Other	0.3%	5.2%	-4.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	6.3%	12.5%	NW	N/A	N/A	N/A
White	262	93.7%	87.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .069 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .472 not sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	26.5%	5.9%	58.8%	8.8%	NW	0	
Hispanic	50.0%	0.0%	50.0%	0.0%	White	3	
White	54.6%	6.8%	32.8%	5.8%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-square, X-tab ⁶ : .164 not sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH ANDOVER POLICE DEPARTMENT**

Total Citations ¹ : 707	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.5%	Citations per 1000	
	Passing through:	72.5%	18 + residents:	29.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 673)				ITP Stops ³ (N = 176)			
Mean age				Mean age			
36.52				38.46			
Gender %				Gender %			
Female 34.6%				Female 35.3%			
Male 65.4%				Male 64.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.5%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 8.1%				AA/Black 4.7%			
Hispanic 26.2%				Hispanic 25.7%			
White 62.0%				White 67.8%			
Other 3.7%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.1%	3.6%	4.5%	AA/Black	8.1%	14.5%	-6.4%
Hispanic	26.2%	7.6%	18.6%	Hispanic	26.2%	15.2%	11.0%
White	62.0%	81.1%	-19.1%	White	62.0%	65.1%	-3.1%
Other	3.7%	8.5%	-4.8%	Other	3.7%	5.2%	-1.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	232	34.3%	50.0%	NW	49	31.7%	33.3%
White	379	65.7%	50.0%	White	104	68.3%	66.7%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .873 not sig.			
Odds ratio Exp(B) ⁷ : .580* sig.				Odds ratio Exp(B) ⁷ : 2.196 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.3%	22.6%	11.3%	3.8%	NW	0	N/A
Hispanic	60.6%	22.8%	14.4%	2.2%	White	0	N/A
White	65.2%	20.9%	11.6%	2.3%			
Other	66.7%	20.8%	12.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .976 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH ATTLEBORO POLICE DEPARTMENT**

Total Citations ¹ : 1,140	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	37.5%	Citations per 1000	
	Passing through:	62.5%	18 + residents:	51

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 898)				ITP Stops ³ (N = 379)			
Mean age				Mean age			
37.28				37.61			
Gender %				Gender %			
Female		40.3%		Female		42.7%	
Male		59.6%		Male		57.3%	
Non-binary		0.1%		Non-binary		0.0%	
Race % Mis/Unk ⁴ 8.1%				Race % Mis/Unk ⁴ 6.9%			
AA/Black		11.3%		AA/Black		9.9%	
Hispanic		8.1%		Hispanic		6.5%	
White		78.2%		White		82.4%	
Other		2.4%		Other		1.1%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.3%	2.0%	9.3%	AA/Black	11.3%	14.5%	-3.2%
Hispanic	8.1%	5.6%	2.5%	Hispanic	8.1%	15.2%	-7.1%
White	78.2%	84.2%	-6.0%	White	78.2%	65.1%	13.1%
Other	2.4%	9.1%	-6.7%	Other	2.4%	5.2%	-2.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	169	20.3%	26.2%	NW	61	18.9%	21.5%
White	573	79.7%	73.8%	White	243	81.1%	78.5%
Chi-square, X-tab ⁶ :		.058	not sig.	Chi-square, X-tab ⁶ :		.582	not sig.
Odds ratio Exp(B) ⁷ :		.697	not sig.	Odds ratio Exp(B) ⁷ :		.643	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	37.7%	27.9%	30.3%	4.1%	NW	1	N/A
Hispanic	36.4%	27.3%	32.5%	3.9%	White	0	N/A
White	52.1%	25.2%	18.1%	4.6%			
Other	63.0%	18.5%	18.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.005*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH READING POLICE DEPARTMENT**

Total Citations ¹ : 313	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.7%	Citations per 1000	
	Passing through:	76.4%	18 + residents:	25.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 271)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
36.91				N/A			
Gender %				Gender %			
Female 29.6%				Female N/A			
Male 70.4%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 4.8%				Race % Mis/Unk ⁴ N/A			
AA/Black 4.3%				AA/Black N/A			
Hispanic 12.8%				Hispanic N/A			
White 79.8%				White N/A			
Other 3.1%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	4.3%	1.3%	3.0%	AA/Black	4.3%	14.5% -10.2%
Hispanic	12.8%	2.0%	10.8%	Hispanic	12.8%	15.2% -2.4%
White	79.8%	89.3%	-9.5%	White	79.8%	65.1% 14.7%
Other	3.1%	7.0%	-3.9%	Other	3.1%	5.2% -2.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	50	18.3%	27.4%	NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	192	81.7%	72.6%	White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .128 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .594 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	45.5%	9.1%	45.5%	0.0%	NW	2	N/A
Hispanic	27.8%	5.6%	61.1%	5.6%	White	4	N/A
White	57.6%	13.9%	24.1%	4.5%			
Other	75.0%	0.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .002* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHAMPTON POLICE DEPARTMENT**

Total Citations ¹ : 2,241	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.9%	Citations per 1000	
	Passing through:	72.1%	18 + residents:	93.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,043)				ITP Stops ³ (N = 759)			
Mean age				Mean age			
39.41				39.01			
Gender %				Gender %			
Female 43.1%				Female 42.2%			
Male 56.8%				Male 57.7%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 6.9%				AA/Black 5.5%			
Hispanic 3.2%				Hispanic 2.9%			
White 87.9%				White 89.7%			
Other 2.0%				Other 1.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.9%	2.2%	4.7%	AA/Black	6.9%	14.5%	-7.6%
Hispanic	3.2%	8.7%	-5.5%	Hispanic	3.2%	15.2%	-12.0%
White	87.9%	82.2%	5.7%	White	87.9%	65.1%	22.8%
Other	2.0%	7.7%	-5.7%	Other	2.0%	5.2%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	229	9.3%	17.3%	NW	72	8.3%	13.8%
White	1,644	90.7%	82.7%	White	613	91.7%	86.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .021* sig.			
Odds ratio Exp(B) ⁷ : .540* sig.				Odds ratio Exp(B) ⁷ : .660 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.1%	10.2%	24.2%	4.5%	NW	2	N/A
Hispanic	57.6%	10.6%	24.2%	7.6%	White	13	N/A
White	72.5%	13.6%	9.8%	4.1%			
Other	69.0%	14.3%	14.3%	2.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 3,513	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	18.7%	Citations per 1000	
	Passing through:	81.3%	18 + residents:	304.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,346)				ITP Stops ³ (N = 1,047)			
Mean age				Mean age			
38.45				38.28			
Gender %				Gender %			
Female 41.6%				Female 42.6%			
Male 58.3%				Male 57.4%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 0.2%			
AA/Black 8.6%				AA/Black 8.5%			
Hispanic 12.0%				Hispanic 11.9%			
White 67.5%				White 65.0%			
Other 12.0%				Other 14.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.6%	3.2%	5.4%	AA/Black	8.6%	14.5%	-5.9%
Hispanic	12.0%	2.7%	9.3%	Hispanic	12.0%	15.2%	-3.2%
White	67.5%	82.7%	-15.2%	White	67.5%	65.1%	2.4%
Other	12.0%	11.6%	0.4%	Other	12.0%	5.2%	6.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,025	27.0%	48.4%	NW	319	31.9%	40.6%
White	2,139	73.0%	51.6%	White	599	68.1%	59.4%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .010* sig			
Odds ratio Exp(B) ⁷ : .407* sig.				Odds ratio Exp(B) ⁷ : .799 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.4%	15.5%	13.5%	0.7%	NW	1	N/A
Hispanic	69.1%	14.7%	14.3%	1.9%	White	0	N/A
White	79.8%	15.0%	3.9%	1.3%			
Other	81.9%	15.4%	2.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHBRIDGE POLICE DEPARTMENT**

Total Citations ¹ : 1,341	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.6%	Citations per 1000	
	Passing through:	83.4%	18 + residents:	104.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,287)				ITP Stops ³ (N = 592)			
Mean age				Mean age			
37.13				36.99			
Gender %				Gender %			
Female 36.6%				Female 35.6%			
Male 63.3%				Male 64.1%			
Non-binary 0.2%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 4.3%				Race % Mis/Unk ⁴ 5.7%			
AA/Black 6.2%				AA/Black 6.3%			
Hispanic 7.3%				Hispanic 7.7%			
White 84.6%				White 84.4%			
Other 1.9%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.2%	2.0%	4.2%	AA/Black	6.2%	14.5%	-8.3%
Hispanic	7.3%	6.2%	1.1%	Hispanic	7.3%	15.2%	-7.9%
White	84.6%	87.4%	-2.8%	White	84.6%	65.1%	19.5%
Other	1.9%	5.3%	-3.4%	Other	1.9%	5.2%	-3.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	169	10.8%	18.4%	NW	67	16.6%	12.3%
White	970	89.2%	81.6%	White	402	83.4%	87.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .186 not sig.			
Odds ratio Exp(B) ⁷ : .527* sig.				Odds ratio Exp(B) ⁷ : 1.644 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.0%	5.2%	13.0%	7.8%	NW	0	N/A
Hispanic	72.0%	5.4%	18.3%	4.3%	White	4	N/A
White	86.3%	3.4%	5.7%	4.6%			
Other	96.0%	0.0%	0.0%	4.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHFIELD POLICE DEPARTMENT**

Total Citations ¹ : 364	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	10.6%	Citations per 1000	
	Passing through:	89.4%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 348)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
38.31				N/A			
Gender %				Gender %			
Female 30.8%				Female N/A			
Male 69.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 0.3%				Race % Mis/Unk ⁴ N/A			
AA/Black 2.9%				AA/Black N/A			
Hispanic 4.6%				Hispanic N/A			
White 89.3%				White N/A			
Other 3.2%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.9%	N/A	N/A	AA/Black	2.9%	14.5%	-11.6%
Hispanic	4.6%	N/A	N/A	Hispanic	4.6%	15.2%	-10.6%
White	89.3%	N/A	N/A	White	89.3%	65.1%	24.2%
Other	3.2%	N/A	N/A	Other	3.2%	5.2%	-2.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	9.8%	14.1%	NW	N/A	N/A	N/A
White	295	90.2%	85.9%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.317	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.636	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.0%	20.0%	20.0%	0.0%	NW	2	N/A
Hispanic	76.5%	11.8%	11.8%	0.0%	White	1	N/A
White	72.5%	16.0%	9.0%	2.5%			
Other	75.0%	16.7%	8.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.968	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORTON POLICE DEPARTMENT

Total Citations ¹ : 230	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.1%	Citations per 1000	
	Passing through:	72.9%	18 + residents:	14

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 188)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
36.67				N/A			
Gender %				Gender %			
Female 35.8%				Female N/A			
Male 64.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.7%				Race % Mis/Unk ⁴ N/A			
AA/Black 9.8%				AA/Black N/A			
Hispanic 6.0%				Hispanic N/A			
White 82.0%				White N/A			
Other 2.2%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.8%	4.1%	5.7%	AA/Black	9.8%	14.5%	-4.7%
Hispanic	6.0%	2.7%	3.3%	Hispanic	6.0%	15.2%	-9.2%
White	82.0%	90.3%	-8.3%	White	82.0%	65.1%	16.9%
Other	2.2%	3.0%	-0.8%	Other	2.2%	5.2%	-3.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	28	18.0%	17.2%	NW	N/A	N/A	N/A
White	130	82.0%	82.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.904	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.954	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	47.8%	13.0%	30.4%	8.7%	NW	0	
Hispanic	33.3%	5.6%	38.9%	22.2%	White	1	
White	60.3%	12.8%	16.8%	10.1%			
Other	60.0%	20.0%	0.0%	20.0%			
Chi-square, X-tab ⁶ :		.182	not sig.			Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORWELL POLICE DEPARTMENT**

Total Citations ¹ : 281	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.2%	Citations per 1000	
	Passing through:	79.8%	18 + residents:	34.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 252)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
37.85				N/A			
Gender %				Gender %			
Female 48.2%				Female N/A			
Male 51.8%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 7.1%				Race % Mis/Unk ⁴ N/A			
AA/Black 5.1%				AA/Black N/A			
Hispanic 3.8%				Hispanic N/A			
White 89.7%				White N/A			
Other 1.3%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	5.1%	0.3%	4.8%	AA/Black	5.1%	14.5% -9.4%
Hispanic	3.8%	2.3%	1.5%	Hispanic	3.8%	15.2% -11.4%
White	89.7%	94.5%	-4.8%	White	89.7%	65.1% 24.6%
Other	1.3%	2.7%	-1.4%	Other	1.3%	5.2% -3.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	9.6%	11.3%	NW	N/A	N/A	N/A
White	207	90.4%	88.7%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .715 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 1.172 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	30.8%	23.1%	38.5%	7.7%	NW	0	N/A
Hispanic	15.4%	0.0%	76.9%	7.7%	White	0	N/A
White	71.9%	13.0%	13.9%	1.3%			
Other	50.0%	25.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORWOOD POLICE DEPARTMENT**

Total Citations ¹ : 4,530	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	32.1%	Citations per 1000	
	Passing through:	67.9%	18 + residents:	190

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,393)				ITP Stops ³ (N = 1,750)			
Mean age				Mean age			
41.83				41.44			
Gender %				Gender %			
Female 39.0%				Female 38.9%			
Male 61.0%				Male 61.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.5%				Race % Mis/Unk ⁴ 0.4%			
AA/Black 17.2%				AA/Black 15.7%			
Hispanic 9.8%				Hispanic 10.6%			
White 64.9%				White 65.1%			
Other 8.1%				Other 8.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	17.2%	7.2%	10.0%	AA/Black	17.2%	14.5%	2.7%
Hispanic	9.8%	6.8%	3.0%	Hispanic	9.8%	15.2%	-5.4%
White	64.9%	80.4%	-15.5%	White	64.9%	65.1%	-0.2%
Other	8.1%	7.1%	1.0%	Other	8.1%	5.2%	2.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,446	29.7%	44.7%	NW	524	33.1%	36.8%
White	2,702	70.3%	55.3%	White	1,001	66.9%	63.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .146 not sig.			
Odds ratio Exp(B) ⁷ : .518* sig.				Odds ratio Exp(B) ⁷ : .802 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.8%	8.8%	7.1%	2.3%	NW	3	N/A
Hispanic	74.3%	9.2%	13.6%	2.9%	White	5	N/A
White	94.5%	11.0%	3.1%	1.4%			
Other	86.0%	11.0%	2.2%	0.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
OAK BLUFFS POLICE DEPARTMENT**

Total Citations ¹ : 290	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.9%	Citations per 1000	
	Passing through:	76.1%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 223)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
39.01				N/A			
Gender %				Gender %			
Female 24.4%				Female N/A			
Male 75.6%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 4.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 13.1%				AA/Black N/A			
Hispanic 0.9%				Hispanic N/A			
White 85.5%				White N/A			
Other 0.5%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	13.1%	N/A	N/A	AA/Black	13.1%	14.5% -1.4%
Hispanic	0.9%	N/A	N/A	Hispanic	0.9%	15.2% -14.3%
White	85.5%	N/A	N/A	White	85.5%	65.1% 20.4%
Other	0.5%	N/A	N/A	Other	0.5%	5.2% -4.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	28	10.8%	19.2%	NW	N/A	N/A	N/A
White	175	89.2%	80.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.095	<i>not sig.</i>	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.510	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	17.9%	23.1%	43.6%	15.4%	NW	0	N/A
Hispanic	50.0%	0.0%	50.0%	0.0%	White	11	N/A
White	22.1%	17.9%	41.7%	18.3%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.277	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
OAKHAM POLICE DEPARTMENT**

Total Citations ¹ : 296	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	8.1%	Citations per 1000	
	Passing through:	91.9%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 295)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
37.32				N/A			
Gender %				Gender %			
Female 44.1%				Female N/A			
Male 55.6%				Male N/A			
Non-binary 0.3%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.7%				Race % Mis/Unk ⁴ N/A			
AA/Black 6.7%				AA/Black N/A			
Hispanic 5.6%				Hispanic N/A			
White 85.6%				White N/A			
Other 2.1%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.7%	N/A	N/A	AA/Black	6.7%	14.5%	-7.8%
Hispanic	5.6%	N/A	N/A	Hispanic	5.6%	15.2%	-9.6%
White	85.6%	N/A	N/A	White	85.6%	65.1%	20.5%
Other	2.1%	N/A	N/A	Other	2.1%	5.2%	-3.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	73.7%	10.5%	15.8%	0.0%	NW	0
Hispanic	37.5%	18.8%	43.8%	0.0%	White	3
White	68.7%	16.0%	13.6%	1.6%		
Other	50.0%	50.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.038* sig.				
					Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ORANGE POLICE DEPARTMENT**

Total Citations ¹ : 303	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	38.2%	Citations per 1000	
	Passing through:	61.8%	18 + residents:	49.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 262)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
37.4				N/A			
Gender %				Gender %			
Female 39.4%				Female N/A			
Male 60.6%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ N/A			
AA/Black 3.1%				AA/Black N/A			
Hispanic 1.2%				Hispanic N/A			
White 94.9%				White N/A			
Other 0.8%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.1%	0.6%	2.5%	AA/Black	3.1%	14.5%	-11.4%
Hispanic	1.2%	2.5%	-1.3%	Hispanic	1.2%	15.2%	-14.0%
White	94.9%	94.7%	0.2%	White	94.9%	65.1%	29.8%
Other	0.8%	3.0%	-2.2%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	12	3.4%	7.1%	NW	N/A	N/A	N/A
White	234	96.6%	92.9%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.180	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.362	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	11.1%	33.3%	44.4%	11.1%	NW	0	N/A
Hispanic	75.0%	0.0%	25.0%	0.0%	White	15	N/A
White	40.9%	27.4%	26.7%	5.0%			
Other	66.7%	33.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.565	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ORLEANS POLICE DEPARTMENT**

Total Citations ¹ : 123	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.7%	Citations per 1000	
	Passing through:	74.3%	18 + residents:	25

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 70)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
41.23				N/A			
Gender %				Gender %			
Female 35.7%				Female N/A			
Male 64.3%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ N/A			
AA/Black 8.8%				AA/Black N/A			
Hispanic 1.5%				Hispanic N/A			
White 88.2%				White N/A			
Other 1.5%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.8%	3.6%	5.2%	AA/Black	8.8%	14.5%	-5.7%
Hispanic	1.5%	1.9%	-0.4%	Hispanic	1.5%	15.2%	-13.7%
White	88.2%	93.4%	-5.2%	White	88.2%	65.1%	23.1%
Other	1.5%	1.8%	-0.3%	Other	1.5%	5.2%	-3.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	75.0%	0.0%	25.0%	0.0%	NW	0
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 ⁶ :		.020*	sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
OXFORD POLICE DEPARTMENT**

Total Citations ¹ : 751	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.8%	Citations per 1000	
	Passing through:	77.2%	18 + residents:	68.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 661)				ITP Stops ³ (N = 255)			
Mean age				Mean age			
37.23				36.41			
Gender %				Gender %			
Female 39.8%				Female 34.9%			
Male 60.2%				Male 65.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.5%				Race % Mis/Unk ⁴ 4.7%			
AA/Black 5.0%				AA/Black 5.3%			
Hispanic 6.9%				Hispanic 5.8%			
White 86.2%				White 86.4%			
Other 1.9%				Other 2.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.0%	2.0%	3.0%	AA/Black	5.0%	14.5%	-9.5%
Hispanic	6.9%	5.6%	1.3%	Hispanic	6.9%	15.2%	-8.3%
White	86.2%	87.9%	-1.7%	White	86.2%	65.1%	21.1%
Other	1.9%	5.9%	-4.0%	Other	1.9%	5.2%	-3.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	80	8.6%	22.2%	NW	28	7.0%	22.1%
White	523	91.4%	77.8%	White	187	93.0%	77.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .001* sig.			
Odds ratio Exp(B) ⁷ : .282* sig.				Odds ratio Exp(B) ⁷ : .070* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	54.1%	8.1%	29.7%	8.1%	NW	0	
Hispanic	60.4%	5.7%	28.3%	5.7%	White	1	
White	74.3%	10.0%	10.5%	5.3%			
Other	85.7%	0.0%	7.1%	7.1%			
Chi-square, X-tab ⁶ : .001* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PALMER POLICE DEPARTMENT**

Total Citations ¹ : 773	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.8%	Citations per 1000	
	Passing through:	83.2%	18 + residents:	77.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 612)				ITP Stops ³ (N = 300)			
Mean age				Mean age			
38.67				39.38			
Gender %				Gender %			
Female 36.5%				Female 38.6%			
Male 63.4%				Male 61.4%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.8%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 10.1%				AA/Black 6.1%			
Hispanic 6.6%				Hispanic 7.5%			
White 81.5%				White 84.4%			
Other 1.8%				Other 2.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.1%	2.2%	7.9%	AA/Black	10.1%	14.5%	-4.4%
Hispanic	6.6%	4.5%	2.1%	Hispanic	6.6%	15.2%	-8.6%
White	81.5%	87.4%	-5.9%	White	81.5%	65.1%	16.4%
Other	1.8%	7.1%	-5.3%	Other	1.8%	5.2%	-3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	98	15.3%	21.5%	NW	38	13.7%	14.9%
White	440	84.7%	78.5%	White	229	86.3%	85.1%
Chi-square, X-tab ⁶ : .064 not sig.				Chi-square, X-tab ⁶ : .784 not sig.			
Odds ratio Exp(B) ⁷ : .657 not sig.				Odds ratio Exp(B) ⁷ : .768 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	35.3%	10.3%	41.2%	13.2%	NW	1	
Hispanic	23.5%	5.9%	54.9%	15.7%	White	13	
White	57.6%	6.1%	23.9%	12.3%			
Other	55.6%	0.0%	27.8%	16.7%			
Chi-square, X-tab ⁶ : .000* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PAXTON POLICE DEPARTMENT**

Total Citations ¹ : 1,348	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	8.6%	Citations per 1000	
	Passing through:	91.4%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,340)				ITP Stops ³ (N = 432)			
Mean age				Mean age			
36.6				37.32			
Gender %				Gender %			
Female 42.4%				Female 41.6%			
Male 57.4%				Male 58.1%			
Non-binary 0.2%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 2.5%			
AA/Black 9.7%				AA/Black 6.9%			
Hispanic 11.4%				Hispanic 9.5%			
White 76.9%				White 82.7%			
Other 2.0%				Other 1.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.7%	N/A	N/A	AA/Black	9.7%	14.5%	-4.8%
Hispanic	11.4%	N/A	N/A	Hispanic	11.4%	15.2%	-3.8%
White	76.9%	N/A	N/A	White	76.9%	65.1%	11.8%
Other	2.0%	N/A	N/A	Other	2.0%	5.2%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	297	21.1%	30.7%	NW	68	18.8%	15.9%
White	966	78.9%	69.3%	White	308	81.3%	84.1%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.545	not sig.
Odds ratio Exp(B) ⁷ :		.634*	sig.	Odds ratio Exp(B) ⁷ :		1.853	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.2%	9.8%	21.2%	3.8%	NW	2	N/A
Hispanic	51.7%	17.2%	27.2%	4.0%	White	1	N/A
White	75.2%	15.7%	7.9%	1.1%			
Other	76.9%	19.2%	3.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PEABODY POLICE DEPARTMENT**

Total Citations ¹ : 1,846	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	37.6%	Citations per 1000	
	Passing through:	62.4%	18 + residents:	42

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,683)				ITP Stops ³ (N = 396)			
Mean age				Mean age			
39.21				37.99			
Gender %				Gender %			
Female 34.5%				Female 27.8%			
Male 65.5%				Male 72.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.6%				Race % Mis/Unk ⁴ 2.3%			
AA/Black 6.7%				AA/Black 5.9%			
Hispanic 17.8%				Hispanic 17.3%			
White 73.4%				White 75.2%			
Other 2.2%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.7%	3.8%	2.9%	AA/Black	6.7%	14.5%	-7.8%
Hispanic	17.8%	9.9%	7.9%	Hispanic	17.8%	15.2%	2.6%
White	73.4%	82.7%	-9.3%	White	73.4%	65.1%	8.3%
Other	2.2%	4.2%	-2.0%	Other	2.2%	5.2%	-3.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	418	26.1%	28.0%	NW	84	25.7%	22.6%
White	1,151	73.9%	72.0%	White	264	74.3%	77.4%
Chi-square, X-tab ⁶ : .464 sig.				Chi-square, X-tab ⁶ : .495 not sig.			
Odds ratio Exp(B) ⁷ : .970 sig.				Odds ratio Exp(B) ⁷ : 1.022 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	51.2%	11.6%	32.2%	5.0%	NW	3	N/A
Hispanic	29.9%	15.9%	46.1%	8.1%	White	13	N/A
White	53.1%	15.4%	24.6%	6.9%			
Other	55.6%	19.4%	16.7%	8.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PELHAM POLICE DEPARTMENT**

Total Citations ¹ : 205	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	10.4%	Citations per 1000	
	Passing through:	89.6%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 202)				ITP Stops ³ (N = 105)			
Mean age				Mean age			
36.56				35.93			
Gender %				Gender %			
Female 35.1%				Female 34.3%			
Male 63.4%				Male 63.8%			
Non-binary 1.5%				Non-binary 1.9%			
Race % Mis/Unk ⁴ 7.4%				Race % Mis/Unk ⁴ 5.7%			
AA/Black 4.8%				AA/Black 5.1%			
Hispanic 7.5%				Hispanic 11.1%			
White 82.4%				White 77.8%			
Other 5.3%				Other 6.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.8%	N/A	N/A	AA/Black	4.8%	14.5%	-9.7%
Hispanic	7.5%	N/A	N/A	Hispanic	7.5%	15.2%	-7.7%
White	82.4%	N/A	N/A	White	82.4%	65.1%	17.3%
Other	5.3%	N/A	N/A	Other	5.3%	5.2%	0.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	31	16.9%	19.0%	NW	21	23.9%	17.9%
White	147	83.1%	81.0%	White	74	76.1%	82.1%
Chi-square, X-tab ⁶ :		.750	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.519	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.891	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.526	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.6%	11.1%	33.3%	0.0%	NW	1	N/A
Hispanic	40.0%	0.0%	60.0%	0.0%	White	0	N/A
White	69.7%	10.3%	20.0%	0.0%			
Other	70.0%	20.0%	0.0%	10.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PEMBROKE POLICE DEPARTMENT**

Total Citations ¹ : 353	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	41.2%	Citations per 1000	
	Passing through:	58.8%	18 + residents:	24.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 328)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
36.56				N/A			
Gender %				Gender %			
Female		33.7%		Female		N/A	
Male		66.3%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.7%				N/A	
AA/Black		5.1%		AA/Black		N/A	
Hispanic		0.0%		Hispanic		N/A	
White		94.3%		White		N/A	
Other		0.6%		Other		N/A	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.1%	0.6%	4.5%	AA/Black	5.1%	14.5%	-9.4%
Hispanic	0.0%	1.5%	-1.5%	Hispanic	0.0%	15.2%	-15.2%
White	94.3%	93.5%	0.8%	White	94.3%	65.1%	29.2%
Other	0.6%	3.7%	-3.1%	Other	0.6%	5.2%	-4.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	25.0%	18.8%	50.0%	6.3%	NW	0
Hispanic	0.0%	0.0%	0.0%	0.0%	White	3
White	47.7%	28.3%	21.8%	2.2%		
Other	0.0%	100.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.034* sig.				
					Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PEPPERELL POLICE DEPARTMENT**

Total Citations ¹ : 159	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	39.8%	Citations per 1000	
	Passing through:	60.2%	18 + residents:	16.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 128)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
33.68				N/A			
Gender %				Gender %			
Female 26.6%				Female N/A			
Male 73.4%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.9%				Race % Mis/Unk ⁴ N/A			
AA/Black 3.3%				AA/Black N/A			
Hispanic 4.1%				Hispanic N/A			
White 91.9%				White N/A			
Other 0.8%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.3%	0.8%	2.5%	AA/Black	3.3%	14.5%	-11.2%
Hispanic	4.1%	2.0%	2.1%	Hispanic	4.1%	15.2%	-11.1%
White	91.9%	93.0%	-1.1%	White	91.9%	65.1%	26.8%
Other	0.8%	4.1%	-3.3%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	14.3%	0.0%	71.4%	14.3%	NW	0	N/A
Hispanic	33.3%	16.7%	33.3%	16.7%	White	4	N/A
White	41.0%	12.2%	33.1%	13.7%			
Other	0.0%	0.0%	0.0%	100.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.268	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PETERSHAM POLICE DEPARTMENT**

Total Citations ¹ : 239	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	3.0%	Citations per 1000	
	Passing through:	97.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 235)				ITP Stops ³ (N = 119)			
Mean age				Mean age			
41.35				40.54			
Gender %				Gender %			
Female 37.9%				Female 31.1%			
Male 62.1%				Male 68.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 3.4%			
AA/Black 7.0%				AA/Black 9.6%			
Hispanic 0.4%				Hispanic 0.9%			
White 92.2%				White 89.6%			
Other 0.4%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.0%	N/A	N/A	AA/Black	7.0%	14.5%	-7.5%
Hispanic	0.4%	N/A	N/A	Hispanic	0.4%	15.2%	-14.8%
White	92.2%	N/A	N/A	White	92.2%	65.1%	27.1%
Other	0.4%	N/A	N/A	Other	0.4%	5.2%	-4.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	50.0%	31.3%	18.8%	0.0%	NW	0
Hispanic	100.0%	0.0%	0.0%	0.0%	White	1
White	62.1%	32.7%	3.7%	1.4%		
Other	0.0%	0.0%	100.0%	0.0%		
Chi-square, X-tab ⁶ :		.000*	sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PITTSFIELD POLICE DEPARTMENT**

Total Citations ¹ : 2,352	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	60.8%	Citations per 1000	
	Passing through:	39.2%	18 + residents:	68.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,157)				ITP Stops ³ (N = 574)			
Mean age				Mean age			
41.53				39.21			
Gender %				Gender %			
Female 40.1%				Female 38.0%			
Male 59.8%				Male 62.0%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 12.3%				AA/Black 12.4%			
Hispanic 3.6%				Hispanic 4.8%			
White 83.0%				White 81.3%			
Other 1.1%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.3%	4.5%	7.8%	AA/Black	12.3%	14.5%	-2.2%
Hispanic	3.6%	6.8%	-3.2%	Hispanic	3.6%	15.2%	-11.6%
White	83.0%	83.3%	-0.3%	White	83.0%	65.1%	17.9%
Other	1.1%	6.5%	-5.4%	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	312	13.7%	22.8%	NW	92	15.4%	21.4%
White	1,648	86.3%	77.2%	White	420	84.6%	78.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .082 not sig.			
Odds ratio Exp(B) ⁷ : .560* sig.				Odds ratio Exp(B) ⁷ : .550* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.3%	13.9%	16.7%	4.2%	NW	1	N/A
Hispanic	87.8%	6.1%	3.7%	2.4%	White	0	N/A
White	80.2%	11.6%	6.6%	1.6%			
Other	91.7%	8.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PLAINFIELD POLICE DEPARTMENT**

Total Citations ¹ : 127	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	0.0%	Citations per 1000	
	Passing through:	100.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 122)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
40.17				N/A			
Gender %				Gender %			
Female 24.8%				Female N/A			
Male 74.4%				Male N/A			
Non-binary 0.8%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.5%				Race % Mis/Unk ⁴ N/A			
AA/Black 6.7%				AA/Black N/A			
Hispanic 5.0%				Hispanic N/A			
White 84.9%				White N/A			
Other 3.4%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.7%	N/A	N/A	AA/Black	6.7%	14.5%	-7.8%
Hispanic	5.0%	N/A	N/A	Hispanic	5.0%	15.2%	-10.2%
White	84.9%	N/A	N/A	White	84.9%	65.1%	19.8%
Other	3.4%	N/A	N/A	Other	3.4%	5.2%	-1.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	14.5%	17.5%	NW	N/A	N/A	N/A
White	92	85.5%	82.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .677 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .370 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	12.5%	75.0%	12.5%	0.0%	NW	0	N/A
Hispanic	25.0%	37.5%	12.5%	25.0%	White	0	N/A
White	27.9%	66.3%	5.8%	0.0%			
Other	25.0%	50.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PLAINVILLE POLICE DEPARTMENT**

Total Citations ¹ : 811	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	0.0%	Citations per 1000	
	Passing through:	100.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 785)				ITP Stops ³ (N = 428)			
Mean age				Mean age			
39.22				39.31			
Gender %				Gender %			
Female 39.4%				Female 39.3%			
Male 60.5%				Male 60.5%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 1.9%				Race % Mis/Unk ⁴ 1.9%			
AA/Black 9.9%				AA/Black 7.4%			
Hispanic 6.9%				Hispanic 7.9%			
White 79.1%				White 80.5%			
Other 4.2%				Other 4.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	9.9%	4.8%	5.1%	AA/Black	9.9%	14.5% -4.6%
Hispanic	6.9%	4.5%	2.4%	Hispanic	6.9%	15.2% -8.3%
White	79.1%	87.9%	-8.8%	White	79.1%	65.1% 14.0%
Other	4.2%	4.9%	-0.7%	Other	4.2%	5.2% -1.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	148	21.1%	21.0%	NW	72	20.1%	18.5%
White	554	78.9%	79.0%	White	292	79.9%	81.5%
Chi-square, X-tab ⁶ :		.964	not sig.	Chi-square, X-tab ⁶ :		.746	not sig.
Odds ratio Exp(B) ⁷ :		.968	not sig.	Odds ratio Exp(B) ⁷ :		1.262	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.8%	30.8%	6.4%	0.0%	NW	0	N/A
Hispanic	43.6%	30.9%	25.5%	0.0%	White	2	N/A
White	69.8%	21.8%	7.9%	0.5%			
Other	68.8%	25.0%	6.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.001*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PLYMOUTH POLICE DEPARTMENT**

Total Citations ¹ : 3,437	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	59.0%	Citations per 1000	
	Passing through:	41.0%	18 + residents:	68.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,267)				ITP Stops ³ (N = 1,434)			
Mean age				Mean age			
38.76				39.06			
Gender %				Gender %			
Female 37.6%				Female 36.9%			
Male 62.3%				Male 63.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.3%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 6.1%				AA/Black 5.5%			
Hispanic 1.0%				Hispanic 1.1%			
White 92.4%				White 92.9%			
Other 0.5%				Other 0.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.1%	1.9%	4.2%	AA/Black	6.1%	14.5%	-8.4%
Hispanic	1.0%	2.4%	-1.4%	Hispanic	1.0%	15.2%	-14.2%
White	92.4%	91.6%	0.8%	White	92.4%	65.1%	27.3%
Other	0.5%	3.8%	-3.3%	Other	0.5%	5.2%	-4.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	213	6.6%	8.6%	NW	95	7.8%	7.5%
White	2,566	93.4%	91.4%	White	1,151	92.2%	92.5%
Chi-square, X-tab ⁶ :		.050*	sig.	Chi-square, X-tab ⁶ :		.808	not sig.
Odds ratio Exp(B) ⁷ :		.726*	sig.	Odds ratio Exp(B) ⁷ :		.854	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.2%	10.9%	12.9%	1.0%	NW	3	N/A
Hispanic	74.3%	14.3%	11.4%	0.0%	White	13	N/A
White	79.7%	11.4%	8.6%	0.2%			
Other	86.7%	6.7%	6.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.379	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PLYMPTON POLICE DEPARTMENT**

Total Citations ¹ : 135	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	8.0%	Citations per 1000	
	Passing through:	92.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 112)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
30.12				N/A			
Gender %				Gender %			
Female 29.5%				Female N/A			
Male 70.5%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ N/A			
AA/Black 7.2%				AA/Black N/A			
Hispanic 0.9%				Hispanic N/A			
White 91.0%				White N/A			
Other 0.9%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.2%	N/A	N/A	AA/Black	7.2%	14.5%	-7.3%
Hispanic	0.9%	N/A	N/A	Hispanic	0.9%	15.2%	-14.3%
White	91.0%	N/A	N/A	White	91.0%	65.1%	25.9%
Other	0.9%	N/A	N/A	Other	0.9%	5.2%	-4.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	10.0%	40.0%	40.0%	10.0%	NW	0	N/A
Hispanic	0.0%	0.0%	100.0%	0.0%	White	6	N/A
White	40.2%	28.7%	28.7%	2.5%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.459	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PRINCETON POLICE DEPARTMENT**

Total Citations ¹ : 492	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	14.6%	Citations per 1000	
	Passing through:	85.4%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 473)				ITP Stops ³ (N = 133)			
Mean age				Mean age			
37.47				36.45			
Gender %				Gender %			
Female 38.9%				Female 30.8%			
Male 61.1%				Male 69.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 1.5%			
AA/Black 5.2%				AA/Black 4.6%			
Hispanic 5.2%				Hispanic 6.9%			
White 86.9%				White 85.5%			
Other 2.8%				Other 3.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.2%	N/A	N/A	AA/Black	5.2%	14.5%	-9.3%
Hispanic	5.2%	N/A	N/A	Hispanic	5.2%	15.2%	-10.0%
White	86.9%	N/A	N/A	White	86.9%	65.1%	21.8%
Other	2.8%	N/A	N/A	Other	2.8%	5.2%	-2.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	57	10.8%	20.4%	NW	16	12.0%	18.9%
White	387	89.2%	79.6%	White	96	88.0%	81.1%
Chi-square, X-tab ⁶ : .014* sig.				Chi-square, X-tab ⁶ : .325 not sig.			
Odds ratio Exp(B) ⁷ : .460* sig.				Odds ratio Exp(B) ⁷ : .897 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.0%	20.0%	12.0%	0.0%	NW	1	N/A
Hispanic	40.7%	25.9%	22.2%	11.1%	White	1	N/A
White	78.0%	17.2%	3.3%	1.4%			
Other	78.6%	14.3%	7.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PROVINCETOWN POLICE DEPARTMENT**

Total Citations ¹ : 260	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.8%	Citations per 1000	
	Passing through:	73.2%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 239)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
45.52				N/A			
Gender %				Gender %			
Female 25.3%				Female N/A			
Male 74.7%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.8%				Race % Mis/Unk ⁴ N/A			
AA/Black 16.5%				AA/Black N/A			
Hispanic 2.6%				Hispanic N/A			
White 76.5%				White N/A			
Other 4.3%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.5%	N/A	N/A	AA/Black	16.5%	14.5%	2.0%
Hispanic	2.6%	N/A	N/A	Hispanic	2.6%	15.2%	-12.6%
White	76.5%	N/A	N/A	White	76.5%	65.1%	11.4%
Other	4.3%	N/A	N/A	Other	4.3%	5.2%	-0.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	52	25.7%	21.7%	NW	N/A	N/A	N/A
White	169	74.3%	78.3%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.477	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.264	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	52.5%	10.0%	25.0%	12.5%	NW	1
Hispanic	28.6%	0.0%	57.1%	14.3%	White	1
White	56.5%	9.3%	22.3%	11.9%		
Other	70.0%	10.0%	20.0%	0.0%		
Chi-square, X-tab ⁶ :		.649	not sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
QUINCY POLICE DEPARTMENT**

Total Citations ¹ : 3,301	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	42.3%	Citations per 1000	
	Passing through:	57.7%	18 + residents:	40.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,961)				ITP Stops ³ (N = 1,011)			
Mean age				Mean age			
39.88				39			
Gender %				Gender %			
Female 34.6%				Female 32.7%			
Male 65.3%				Male 67.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 2.9%			
AA/Black 17.9%				AA/Black 19.1%			
Hispanic 5.5%				Hispanic 5.1%			
White 57.0%				White 55.9%			
Other 19.5%				Other 19.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	17.9%	5.1%	12.8%	AA/Black	17.9%	14.5%	3.4%
Hispanic	5.5%	3.1%	2.4%	Hispanic	5.5%	15.2%	-9.7%
White	57.0%	59.0%	-2.0%	White	57.0%	65.1%	-8.1%
Other	19.5%	32.6%	-13.1%	Other	19.5%	5.2%	14.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,100	42.3%	42.7%	NW	410	44.4%	45.1%
White	1,493	57.7%	57.3%	White	509	55.6%	54.9%
Chi-square, X-tab ⁶ : .873 not sig.				Chi-square, X-tab ⁶ : .857 not sig.			
Odds ratio Exp(B) ⁷ : 1.054 not sig.				Odds ratio Exp(B) ⁷ : 1.167 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.9%	4.4%	15.0%	4.7%	NW	21	N/A
Hispanic	69.1%	4.2%	15.7%	11.0%	White	13	N/A
White	84.2%	3.8%	9.6%	2.4%			
Other	89.9%	6.3%	3.3%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
RANDOLPH POLICE DEPARTMENT**

Total Citations ¹ : 1,395	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.2%	Citations per 1000	
	Passing through:	64.8%	18 + residents:	50.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,281)				ITP Stops ³ (N = 431)			
Mean age				Mean age			
37.99				38.45			
Gender %				Gender %			
Female 34.0%				Female 29.5%			
Male 66.0%				Male 70.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 6.3%				Race % Mis/Unk ⁴ 9.5%			
AA/Black 56.3%				AA/Black 53.3%			
Hispanic 12.7%				Hispanic 12.8%			
White 24.3%				White 25.4%			
Other 6.8%				Other 8.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	56.3%	44.7%	11.6%	AA/Black	56.3%	14.5%	41.8%
Hispanic	12.7%	8.8%	3.9%	Hispanic	12.7%	15.2%	-2.5%
White	24.3%	29.4%	-5.1%	White	24.3%	65.1%	-40.8%
Other	6.8%	16.5%	-9.7%	Other	6.8%	5.2%	1.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	831	74.3%	81.5%	NW	257	70.9%	81.2%
White	266	25.7%	18.5%	White	91	29.1%	18.8%
Chi-square, X-tab ⁶ :		.024*	sig.	Chi-square, X-tab ⁶ :		.046*	sig.
Odds ratio Exp(B) ⁷ :		.740	not sig.	Odds ratio Exp(B) ⁷ :		.860	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.5%	21.4%	18.3%	0.8%	NW	8	N/A
Hispanic	57.1%	21.4%	17.9%	3.6%	White	2	N/A
White	62.9%	17.5%	16.0%	3.7%			
Other	72.9%	18.8%	8.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.004*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
RAYNHAM POLICE DEPARTMENT**

Total Citations ¹ : 776	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	18.9%	Citations per 1000	
	Passing through:	81.1%	18 + residents:	68

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 720)				ITP Stops ³ (N = 312)			
Mean age				Mean age			
34.69				34.99			
Gender %				Gender %			
Female 37.5%				Female 36.7%			
Male 62.5%				Male 63.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 20.2%				AA/Black 16.9%			
Hispanic 4.1%				Hispanic 4.2%			
White 74.4%				White 76.3%			
Other 1.3%				Other 2.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	20.2%	1.7%	18.5%	AA/Black	20.2%	14.5%	5.7%
Hispanic	4.1%	2.0%	2.1%	Hispanic	4.1%	15.2%	-11.1%
White	74.4%	93.3%	-18.9%	White	74.4%	65.1%	9.3%
Other	1.3%	3.2%	-1.9%	Other	1.3%	5.2%	-3.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	172	18.8%	34.7%	NW	64	18.2%	28.7%
White	512	81.2%	65.3%	White	225	81.8%	71.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .038* sig.			
Odds ratio Exp(B) ⁷ : .417* sig.				Odds ratio Exp(B) ⁷ : .336* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.0%	27.5%	16.1%	1.3%	NW	0	N/A
Hispanic	25.7%	37.1%	28.6%	8.6%	White	8	N/A
White	59.3%	22.9%	13.1%	4.7%			
Other	80.0%	10.0%	10.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .006* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
READING POLICE DEPARTMENT**

Total Citations ¹ : 1,265	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	33.9%	Citations per 1000	
	Passing through:	66.1%	18 + residents:	65.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,193)				ITP Stops ³ (N = 513)			
Mean age				Mean age			
39.75				39.35			
Gender %				Gender %			
Female		39.1%		Female		40.5%	
Male		60.8%		Male		59.3%	
Non-binary		0.2%		Non-binary		0.2%	
Race % Mis/Unk ⁴ 1.9%				Race % Mis/Unk ⁴ 1.9%			
AA/Black		5.8%		AA/Black		5.6%	
Hispanic		10.5%		Hispanic		11.3%	
White		79.4%		White		78.5%	
Other		4.3%		Other		4.6%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.8%	0.4%	5.4%	AA/Black	5.8%	14.5%	-8.7%
Hispanic	10.5%	3.0%	7.5%	Hispanic	10.5%	15.2%	-4.7%
White	79.4%	91.1%	-11.7%	White	79.4%	65.1%	14.3%
Other	4.3%	5.7%	-1.4%	Other	4.3%	5.2%	-0.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	220	16.5%	27.1%	NW	95	17.0%	26.6%
White	866	83.5%	72.9%	White	359	83.0%	73.4%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.014*	sig.
Odds ratio Exp(B) ⁷ :		.566*	sig.	Odds ratio Exp(B) ⁷ :		.592	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.8%	4.2%	18.1%	0.0%	NW	2	N/A
Hispanic	69.1%	5.1%	22.8%	2.9%	White	13	N/A
White	88.8%	2.5%	6.6%	2.0%			
Other	80.4%	9.8%	9.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
REHOBOTH POLICE DEPARTMENT**

Total Citations ¹ : 683	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	18.8%	Citations per 1000	
	Passing through:	81.2%	18 + residents:	70.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 602)				ITP Stops ³ (N = 236)			
Mean age				Mean age			
35.73				35.66			
Gender %				Gender %			
Female 31.4%				Female 30.8%			
Male 68.6%				Male 69.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.5%				Race % Mis/Unk ⁴ 3.8%			
AA/Black 15.0%				AA/Black 14.5%			
Hispanic 3.6%				Hispanic 2.6%			
White 80.4%				White 82.4%			
Other 1.0%				Other 0.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.0%	0.7%	14.3%	AA/Black	15.0%	14.5%	0.5%
Hispanic	3.6%	2.8%	0.8%	Hispanic	3.6%	15.2%	-11.6%
White	80.4%	92.4%	-12.0%	White	80.4%	65.1%	15.3%
Other	1.0%	4.4%	-3.4%	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104	17.4%	25.9%	NW	37	16.3%	22.6%
White	425	82.6%	74.1%	White	166	83.7%	77.4%
Chi-square, X-tab ⁶ :		.029*	sig.	Chi-square, X-tab ⁶ :		.287	not sig.
Odds ratio Exp(B) ⁷ :		.640	not sig.	Odds ratio Exp(B) ⁷ :		.847	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	38.0%	20.7%	37.0%	4.3%	NW	0
Hispanic	58.3%	0.0%	33.3%	8.3%	White	3
White	55.3%	16.6%	23.8%	4.3%		
Other	57.1%	14.3%	28.6%	0.0%		
Chi-square, X-tab ⁶ :		.059	not sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
REVERE POLICE DEPARTMENT**

Total Citations ¹ : 1,413	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	36.7%	Citations per 1000	
	Passing through:	63.3%	18 + residents:	33.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,210)				ITP Stops ³ (N = 281)			
Mean age				Mean age			
39.86				37.69			
Gender %				Gender %			
Female 32.3%				Female 25.5%			
Male 67.7%				Male 74.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 9.3%				Race % Mis/Unk ⁴ 14.9%			
AA/Black 11.7%				AA/Black 12.1%			
Hispanic 29.5%				Hispanic 38.5%			
White 57.4%				White 43.9%			
Other 4.0%				Other 5.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.7%	5.5%	6.2%	AA/Black	11.7%	14.5%	-2.8%
Hispanic	29.5%	33.6%	-4.1%	Hispanic	29.5%	15.2%	14.3%
White	57.4%	53.3%	4.1%	White	57.4%	65.1%	-7.7%
Other	4.0%	10.5%	-6.5%	Other	4.0%	5.2%	-1.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	44	40.5%	60.1%	NW	118	55.0%	53.8%
White	561	59.5%	39.9%	White	98	45.0%	46.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .879 not sig.			
Odds ratio Exp(B) ⁷ : .477* sig.				Odds ratio Exp(B) ⁷ : 1.331 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.2%	26.1%	16.2%	3.5%	NW	61	21.3%
Hispanic	39.4%	19.8%	35.7%	5.0%	White	225	78.7%
White	58.0%	19.6%	19.9%	2.6%			
Other	63.8%	21.3%	12.8%	2.1%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROCHESTER POLICE DEPARTMENT**

Total Citations ¹ : 402	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	15.2%	Citations per 1000	
	Passing through:	84.8%	18 + residents:	93.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 363)				ITP Stops ³ (N = 140)			
Mean age				Mean age			
33.73				33.24			
Gender %				Gender %			
Female 31.1%				Female 30.2%			
Male 68.9%				Male 69.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.7%				Race % Mis/Unk ⁴ 5.7%			
AA/Black 10.4%				AA/Black 9.1%			
Hispanic 2.7%				Hispanic 1.5%			
White 86.9%				White 89.4%			
Other 0.0%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.4%	0.6%	9.8%	AA/Black	10.4%	14.5%	-4.1%
Hispanic	2.7%	0.6%	2.1%	Hispanic	2.7%	15.2%	-12.5%
White	86.9%	97.4%	-10.5%	White	86.9%	65.1%	21.8%
Other	0.0%	1.1%	-1.1%	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	38	12.1%	13.2%	NW	N/A	N/A	N/A
White	265	87.9%	86.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .773 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 1.041 not sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	34.2%	13.2%	50.0%	2.6%	NW	0	
Hispanic	44.4%	0.0%	44.4%	11.1%	White	2	
White	46.3%	17.1%	27.6%	9.0%			
Other	0.0%	0.0%	0.0%	0.0%			
Chi-square, X-tab ⁶ : .093 not sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROCKLAND POLICE DEPARTMENT**

Total Citations ¹ : 590	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	30.1%	Citations per 1000	
	Passing through:	69.9%	18 + residents:	42.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 499)				ITP Stops ³ (N = 190)			
Mean age				Mean age			
36.97				37.31			
Gender %				Gender %			
Female 30.5%				Female 27.4%			
Male 69.5%				Male 72.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.8%				Race % Mis/Unk ⁴ 3.2%			
AA/Black 9.0%				AA/Black 10.3%			
Hispanic 1.5%				Hispanic 1.1%			
White 89.2%				White 88.0%			
Other 0.4%				Other 0.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.0%	3.0%	6.0%	AA/Black	9.0%	14.5%	-5.5%
Hispanic	1.5%	3.1%	-1.6%	Hispanic	1.5%	15.2%	-13.7%
White	89.2%	91.5%	-2.3%	White	89.2%	65.1%	24.1%
Other	0.4%	1.6%	-1.2%	Other	0.4%	5.2%	-4.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	6.9%	19.4%	NW	18	6.0%	20.8%
White	405	93.1%	80.6%	White	151	94.0%	79.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .004* sig.			
Odds ratio Exp(B) ⁷ : .312* sig.				Odds ratio Exp(B) ⁷ : .218* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.0%	12.0%	22.0%	0.0%	NW	0	N/A
Hispanic	50.0%	0.0%	40.0%	10.0%	White	4	N/A
White	70.3%	8.7%	16.6%	4.4%			
Other	66.7%	0.0%	33.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .380 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROWLEY POLICE DEPARTMENT**

Total Citations ¹ : 403	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.6%	Citations per 1000	
	Passing through:	83.4%	18 + residents:	79.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 386)				ITP Stops ³ (N = 114)			
Mean age				Mean age			
39.39				40.5			
Gender %				Gender %			
Female 34.1%				Female 36.1%			
Male 65.9%				Male 63.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.0%				Race % Mis/Unk ⁴ 12.3%			
AA/Black 3.6%				AA/Black 1.0%			
Hispanic 12.3%				Hispanic 15.0%			
White 82.5%				White 80.0%			
Other 1.7%				Other 4.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.6%	1.2%	2.4%	AA/Black	3.6%	14.5%	-10.9%
Hispanic	12.3%	0.8%	11.5%	Hispanic	12.3%	15.2%	-2.9%
White	82.5%	95.4%	-12.9%	White	82.5%	65.1%	17.4%
Other	1.7%	2.7%	-1.0%	Other	1.7%	5.2%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	15.2%	22.4%	NW	N/A	N/A	N/A
White	283	84.8%	77.6%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.130	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.628	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	21.4%	21.4%	57.1%	0.0%	NW	0	N/A
Hispanic	22.7%	13.6%	56.8%	6.8%	White	0	N/A
White	55.7%	18.8%	21.7%	3.9%			
Other	50.0%	33.3%	16.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROYALSTON POLICE DEPARTMENT**

Total Citations ¹ : 106	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.0%	Citations per 1000	
	Passing through:	88.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 100)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
40.28				N/A			
Gender %				Gender %			
Female 30.9%				Female N/A			
Male 69.1%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 3.1%				AA/Black N/A			
Hispanic 0.0%				Hispanic N/A			
White 95.9%				White N/A			
Other 1.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.1%	N/A	N/A	AA/Black	3.1%	14.5%	-11.4%
Hispanic	0.0%	N/A	N/A	Hispanic	0.0%	15.2%	-15.2%
White	95.9%	N/A	N/A	White	95.9%	65.1%	30.8%
Other	1.0%	N/A	N/A	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	100.0%	0.0%	0.0%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	12	N/A
White	41.8%	49.0%	9.2%	0.0%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.485	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
RUSSELL POLICE DEPARTMENT**

Total Citations ¹ : 258	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	5.5%	Citations per 1000	
	Passing through:	94.5%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 256)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
39.85				N/A			
Gender %				Gender %			
Female		43.4%		Female		N/A	
Male		56.6%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.9%				N/A	
AA/Black		2.0%		AA/Black		N/A	
Hispanic		3.7%		Hispanic		N/A	
White		94.3%		White		N/A	
Other		0.0%		Other		N/A	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.0%	N/A	N/A	AA/Black	2.0%	14.5%	-12.5%
Hispanic	3.7%	N/A	N/A	Hispanic	3.7%	15.2%	-11.5%
White	94.3%	N/A	N/A	White	94.3%	65.1%	29.2%
Other	0.0%	N/A	N/A	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.0%	0.0%	20.0%	0.0%	NW	0	N/A
Hispanic	66.7%	33.3%	0.0%	0.0%	White	2	N/A
White	49.6%	44.0%	6.0%	0.4%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.425	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
RUTLAND POLICE DEPARTMENT**

Total Citations ¹ : 716	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.0%	Citations per 1000	
	Passing through:	73.0%	18 + residents:	109.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 705)				ITP Stops ³ (N = 265)			
Mean age				Mean age			
37.89				36.33			
Gender %				Gender %			
Female 39.8%				Female 34.0%			
Male 60.1%				Male 65.7%			
Non-binary 0.1%				Non-binary 0.4%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 6.2%				AA/Black 5.0%			
Hispanic 6.6%				Hispanic 8.0%			
White 85.1%				White 83.2%			
Other 2.2%				Other 3.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.2%	0.0%	6.2%	AA/Black	6.2%	14.5%	-8.3%
Hispanic	6.6%	3.3%	3.3%	Hispanic	6.6%	15.2%	-8.6%
White	85.1%	92.1%	-7.0%	White	85.1%	65.1%	20.0%
Other	2.2%	5.6%	-3.4%	Other	2.2%	5.2%	-3.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	100	12.2%	20.7%	NW	40	16.7%	16.9%
White	573	87.8%	79.3%	White	199	83.3%	83.1%
Chi-square, X-tab ⁶ : .004* sig.				Chi-square, X-tab ⁶ : .970 not sig.			
Odds ratio Exp(B) ⁷ : .537* sig.				Odds ratio Exp(B) ⁷ : 1.713 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	81.8%	6.8%	9.1%	2.3%	NW	0	
Hispanic	70.2%	12.8%	17.0%	0.0%	White	3	
White	79.9%	10.1%	6.8%	3.2%			
Other	86.7%	6.7%	6.7%	0.0%			
Chi-square, X-tab ⁶ : .370 not sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SALEM POLICE DEPARTMENT**

Total Citations ¹ : 5,012	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	31.6%	Citations per 1000	
	Passing through:	68.4%	18 + residents:	138.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,561)				ITP Stops ³ (N = 1,647)			
Mean age				Mean age			
37.69				37.35			
Gender %				Gender %			
Female 38.3%				Female 38.6%			
Male 61.5%				Male 61.3%			
Non-binary 0.2%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 8.4%				Race % Mis/Unk ⁴ 9.7%			
AA/Black 8.3%				AA/Black 8.0%			
Hispanic 19.6%				Hispanic 18.8%			
White 70.1%				White 71.6%			
Other 2.0%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.3%	6.6%	1.7%	AA/Black	8.3%	14.5%	-6.2%
Hispanic	19.6%	17.8%	1.8%	Hispanic	19.6%	15.2%	4.4%
White	70.1%	71.8%	-1.7%	White	70.1%	65.1%	5.0%
Other	2.0%	6.9%	-4.9%	Other	2.0%	5.2%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,186	26.0%	38.0%	NW	371	26.0%	30.1%
White	2,787	74.0%	62.0%	White	970	74.0%	69.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .104 not sig.			
Odds ratio Exp(B) ⁷ : .541* sig.				Odds ratio Exp(B) ⁷ : .759 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.8%	37.6%	7.5%	4.0%	NW	8	N/A
Hispanic	47.5%	40.9%	8.4%	3.1%	White	6	N/A
White	54.0%	39.7%	3.6%	2.7%			
Other	58.2%	38.5%	3.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SALISBURY POLICE DEPARTMENT**

Total Citations ¹ : 872	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.9%	Citations per 1000	
	Passing through:	74.1%	18 + residents:	134.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 831)				ITP Stops ³ (N = 444)			
Mean age				Mean age			
39.89				40.11			
Gender %				Gender %			
Female 38.2%				Female 40.5%			
Male 61.8%				Male 59.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.5%				Race % Mis/Unk ⁴ 4.5%			
AA/Black 2.0%				AA/Black 2.6%			
Hispanic 6.7%				Hispanic 6.1%			
White 88.9%				White 88.9%			
Other 2.4%				Other 2.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	2.0%	0.7%	1.3%	AA/Black	2.0%	14.5% -12.5%
Hispanic	6.7%	3.6%	3.1%	Hispanic	6.7%	15.2% -8.5%
White	88.9%	92.8%	-3.9%	White	88.9%	65.1% 23.8%
Other	2.4%	2.4%	0.0%	Other	2.4%	5.2% -2.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82	8.1%	15.3%	NW	42	7.7%	15.5%
White	665	91.9%	84.7%	White	341	92.3%	84.5%
Chi-square, X-tab ⁶ : .002* sig.				Chi-square, X-tab ⁶ : .015* sig.			
Odds ratio Exp(B) ⁷ : .489* sig.				Odds ratio Exp(B) ⁷ : .461 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	87.5%	6.3%	6.3%	0.0%	NW	2	N/A
Hispanic	50.9%	5.5%	36.4%	7.3%	White	12	N/A
White	71.6%	9.8%	14.2%	4.3%			
Other	45.0%	10.0%	25.0%	20.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SANDISFIELD POLICE DEPARTMENT**

Total Citations ¹ : 101	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	0.0%	Citations per 1000	
	Passing through:	100.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 100)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
44.77				N/A			
Gender %				Gender %			
Female 34.0%				Female N/A			
Male 66.0%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 6.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 4.3%				AA/Black N/A			
Hispanic 7.4%				Hispanic N/A			
White 86.2%				White N/A			
Other 2.1%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.3%	N/A	N/A	AA/Black	4.3%	14.5%	-10.2%
Hispanic	7.4%	N/A	N/A	Hispanic	7.4%	15.2%	-7.8%
White	86.2%	N/A	N/A	White	86.2%	65.1%	21.1%
Other	2.1%	N/A	N/A	Other	2.1%	5.2%	-3.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	25.0%	25.0%	0.0%	NW	0	N/A
Hispanic	28.6%	28.6%	42.9%	0.0%	White	0	N/A
White	63.4%	28.0%	8.5%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.131	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SANDWICH POLICE DEPARTMENT**

Total Citations ¹ : 598	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.0%	Citations per 1000	
	Passing through:	81.0%	18 + residents:	36.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 537)				ITP Stops ³ (N = 190)			
Mean age				Mean age			
39.78				39.62			
Gender %				Gender %			
Female		40.2%		Female		34.0%	
Male		59.6%		Male		66.0%	
Non-binary		0.2%		Non-binary		0.0%	
Race %		Mis/Unk ⁴ 1.3%		Race %		Mis/Unk ⁴ 1.6%	
AA/Black		4.9%		AA/Black		6.4%	
Hispanic		3.6%		Hispanic		5.9%	
White		89.8%		White		86.1%	
Other		1.7%		Other		1.6%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.9%	1.0%	3.9%	AA/Black	4.9%	14.5%	-9.6%
Hispanic	3.6%	2.1%	1.5%	Hispanic	3.6%	15.2%	-11.6%
White	89.8%	93.0%	-3.2%	White	89.8%	65.1%	24.7%
Other	1.7%	2.8%	-1.1%	Other	1.7%	5.2%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	47	9.2%	10.3%	NW	20	13.9%	11.1%
White	446	90.8%	89.7%	White	140	86.1%	88.9%
Chi-square, X-tab ⁶ :		.686	not sig.	Chi-square, X-tab ⁶ :		.591	not sig.
Odds ratio Exp(B) ⁷ :		.964	not sig.	Odds ratio Exp(B) ⁷ :		1.136	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	44.4%	18.5%	29.6%	7.4%	NW	0
Hispanic	35.0%	20.0%	20.0%	25.0%	White	2
White	58.0%	18.6%	16.6%	6.8%		
Other	66.7%	11.1%	11.1%	11.1%		
Chi-square, X-tab ⁶ :		.105	not sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SAUGUS POLICE DEPARTMENT**

Total Citations ¹ : 750	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	35.8%	Citations per 1000	
	Passing through:	64.2%	18 + residents:	31.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 674)				ITP Stops ³ (N = 135)			
Mean age				Mean age			
39.1				37.49			
Gender %				Gender %			
Female 35.3%				Female 34.3%			
Male 64.7%				Male 65.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.0%				Race % Mis/Unk ⁴ 4.4%			
AA/Black 10.2%				AA/Black 10.9%			
Hispanic 6.1%				Hispanic 5.4%			
White 80.7%				White 79.8%			
Other 2.9%				Other 3.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.2%	2.1%	8.1%	AA/Black	10.2%	14.5%	-4.3%
Hispanic	6.1%	8.6%	-2.5%	Hispanic	6.1%	15.2%	-9.1%
White	80.7%	83.3%	-2.6%	White	80.7%	65.1%	15.6%
Other	2.9%	5.8%	-2.9%	Other	2.9%	5.2%	-2.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	114	17.0%	25.2%	NW	23	13.9%	28.3%
White	500	83.0%	74.8%	White	95	86.1%	71.7%
Chi-square, X-tab ⁶ : .042* sig.				Chi-square, X-tab ⁶ : .055 not sig.			
Odds ratio Exp(B) ⁷ : .584* sig.				Odds ratio Exp(B) ⁷ : .188* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.3%	12.3%	21.9%	5.5%	NW	5	N/A
Hispanic	36.0%	30.0%	28.0%	6.0%	White	5	N/A
White	68.1%	13.6%	14.7%	3.6%			
Other	80.0%	5.0%	15.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .001* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SCITUATE POLICE DEPARTMENT**

Total Citations ¹ : 411	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	49.2%	Citations per 1000	
	Passing through:	50.8%	18 + residents:	27.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 372)				ITP Stops ³ (N = 198)			
Mean age				Mean age			
38.76				38.71			
Gender %				Gender %			
Female 39.1%				Female 35.2%			
Male 60.9%				Male 64.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 8.6%				Race % Mis/Unk ⁴ 7.6%			
AA/Black 2.6%				AA/Black 2.2%			
Hispanic 3.2%				Hispanic 3.3%			
White 92.9%				White 93.4%			
Other 1.2%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.6%	0.7%	1.9%	AA/Black	2.6%	14.5%	-11.9%
Hispanic	3.2%	1.0%	2.2%	Hispanic	3.2%	15.2%	-12.0%
White	92.9%	95.3%	-2.4%	White	92.9%	65.1%	27.8%
Other	1.2%	1.6%	-0.4%	Other	1.2%	5.2%	-4.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	24	8.0%	6.3%	NW	N/A	N/A	N/A
White	298	92.0%	93.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.592	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		1.297	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	45.5%	9.1%	27.3%	18.2%	NW	0	
Hispanic	18.2%	9.1%	72.7%	0.0%	White	3	
White	69.5%	13.0%	8.6%	8.9%			
Other	60.0%	20.0%	20.0%	0.0%			
Chi-square, X-tab ⁶ :		.000*	sig.			Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SEEKONK POLICE DEPARTMENT**

Total Citations ¹ : 1,559	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.8%	Citations per 1000	
	Passing through:	78.2%	18 + residents:	125.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,340)				ITP Stops ³ (N = 536)			
Mean age				Mean age			
37.84				38.12			
Gender %				Gender %			
Female 41.4%				Female 39.3%			
Male 58.5%				Male 60.7%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 12.1%				AA/Black 11.2%			
Hispanic 7.6%				Hispanic 9.5%			
White 79.0%				White 78.2%			
Other 1.4%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.1%	1.0%	11.1%	AA/Black	12.1%	14.5%	-2.4%
Hispanic	7.6%	2.5%	5.1%	Hispanic	7.6%	15.2%	-7.6%
White	79.0%	92.3%	-13.3%	White	79.0%	65.1%	13.9%
Other	1.4%	4.6%	-3.2%	Other	1.4%	5.2%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	249	16.3%	27.3%	NW	101	17.4%	28.5%
White	961	83.7%	72.7%	White	365	82.6%	71.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .005* sig.			
Odds ratio Exp(B) ⁷ : .525* sig.				Odds ratio Exp(B) ⁷ : .631 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.1%	13.4%	15.0%	1.6%	NW	0	N/A
Hispanic	70.4%	8.7%	18.3%	2.6%	White	3	N/A
White	77.2%	13.6%	8.6%	0.6%			
Other	66.7%	28.6%	4.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .001* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHARON POLICE DEPARTMENT**

Total Citations ¹ : 2,021	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.5%	Citations per 1000	
	Passing through:	73.5%	18 + residents:	146.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,953)				ITP Stops ³ (N = 722)			
Mean age				Mean age			
39.35				38.94			
Gender %				Gender %			
Female 36.4%				Female 34.4%			
Male 63.3%				Male 65.4%			
Non-binary 0.3%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 0.4%			
AA/Black 21.3%				AA/Black 19.2%			
Hispanic 5.6%				Hispanic 7.0%			
White 64.9%				White 65.8%			
Other 8.1%				Other 8.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	21.3%	2.6%	18.7%	AA/Black	21.3%	14.5%	6.8%
Hispanic	5.6%	5.4%	0.2%	Hispanic	5.6%	15.2%	-9.6%
White	64.9%	73.1%	-8.2%	White	64.9%	65.1%	-0.2%
Other	8.1%	18.5%	-10.4%	Other	8.1%	5.2%	2.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	631	29.7%	45.8%	NW	211	31.4%	38.5%
White	1,174	70.3%	54.2%	White	416	68.6%	61.5%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.079	not sig.
Odds ratio Exp(B) ⁷ :		.488*	sig.	Odds ratio Exp(B) ⁷ :		.643	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.2%	6.9%	10.7%	0.2%	NW	7	N/A
Hispanic	73.9%	3.5%	22.6%	0.0%	White	3	N/A
White	90.7%	4.3%	4.9%	0.2%			
Other	91.9%	3.7%	3.7%	0.6%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHEFFIELD POLICE DEPARTMENT**

Total Citations ¹ : 444	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.9%	Citations per 1000	
	Passing through:	87.1%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 417)				ITP Stops ³ (N = 128)			
Mean age				Mean age			
42.86				38.11			
Gender %				Gender %			
Female 36.7%				Female 36.7%			
Male 63.3%				Male 63.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 4.4%				AA/Black 7.1%			
Hispanic 5.2%				Hispanic 6.3%			
White 88.6%				White 85.0%			
Other 1.7%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.4%	N/A	N/A	AA/Black	4.4%	14.5%	-10.1%
Hispanic	5.2%	N/A	N/A	Hispanic	5.2%	15.2%	-10.0%
White	88.6%	N/A	N/A	White	88.6%	65.1%	23.5%
Other	1.7%	N/A	N/A	Other	1.7%	5.2%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	42	10.7%	12.5%	NW	16	12.9%	17.5%
White	328	89.3%	87.5%	White	94	87.1%	82.5%
Chi-square, X-tab ⁶ : .612 <i>not sig.</i>				Chi-square, X-tab ⁶ : .506 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .733 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .767 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	47.4%	21.1%	15.8%	15.8%	NW	0	
Hispanic	52.2%	8.7%	30.4%	8.7%	White	1	
White	60.0%	19.2%	15.0%	5.8%			
Other	57.1%	42.9%	0.0%	0.0%			
Chi-square, X-tab ⁶ : .211 <i>not sig.</i>						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHELBURNE POLICE DEPARTMENT**

Total Citations ¹ : 211	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	7.7%	Citations per 1000	
	Passing through:	92.3%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 196)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
37.42				N/A			
Gender %				Gender %			
Female 31.8%				Female N/A			
Male 68.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 7.7%				Race % Mis/Unk ⁴ N/A			
AA/Black 0.6%				AA/Black N/A			
Hispanic 3.3%				Hispanic N/A			
White 96.1%				White N/A			
Other 0.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	0.6%	N/A	N/A	AA/Black	0.6%	14.5%	-13.9%
Hispanic	3.3%	N/A	N/A	Hispanic	3.3%	15.2%	-11.9%
White	96.1%	N/A	N/A	White	96.1%	65.1%	31.0%
Other	0.0%	N/A	N/A	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0
Hispanic	66.7%	33.3%	0.0%	0.0%	White	3
White	74.9%	11.8%	9.6%	3.7%		
Other	100.0%	0.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.759	not sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHERBORN POLICE DEPARTMENT**

Total Citations ¹ : 3,056	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	9.0%	Citations per 1000	
	Passing through:	91.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,961)				ITP Stops ³ (N = 1,191)			
Mean age				Mean age			
39.72				40.1			
Gender %				Gender %			
Female 37.5%				Female 35.1%			
Male 62.4%				Male 64.7%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 0.5%				Race % Mis/Unk ⁴ 0.3%			
AA/Black 6.8%				AA/Black 6.8%			
Hispanic 9.9%				Hispanic 9.4%			
White 78.7%				White 79.0%			
Other 4.6%				Other 4.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.8%	N/A	N/A	AA/Black	6.8%	14.5%	-7.7%
Hispanic	9.9%	N/A	N/A	Hispanic	9.9%	15.2%	-5.3%
White	78.7%	N/A	N/A	White	78.7%	65.1%	13.6%
Other	4.6%	N/A	N/A	Other	4.6%	5.2%	-0.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	586	18.0%	25.5%	NW	212	18.0%	22.7%
White	2,221	82.0%	74.5%	White	846	82.0%	77.3%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.062	not sig.
Odds ratio Exp(B) ⁷ :		.613*	sig.	Odds ratio Exp(B) ⁷ :		.639*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.2%	17.6%	11.7%	0.5%	NW	1	N/A
Hispanic	47.1%	20.6%	30.4%	2.0%	White	0	N/A
White	76.4%	13.3%	9.4%	0.9%			
Other	73.2%	21.7%	5.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHIRLEY POLICE DEPARTMENT**

Total Citations ¹ : 694	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.2%	Citations per 1000	
	Passing through:	78.8%	18 + residents:	103.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 684)				ITP Stops ³ (N = 335)			
Mean age				Mean age			
39.25				38.7			
Gender %				Gender %			
Female 40.4%				Female 36.4%			
Male 59.6%				Male 63.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.9%				Race % Mis/Unk ⁴ 3.9%			
AA/Black 5.8%				AA/Black 5.0%			
Hispanic 12.0%				Hispanic 12.4%			
White 77.8%				White 78.0%			
Other 4.4%				Other 4.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.8%	8.5%	-2.7%	AA/Black	5.8%	14.5%	-8.7%
Hispanic	12.0%	9.8%	2.2%	Hispanic	12.0%	15.2%	-3.2%
White	77.8%	74.9%	2.9%	White	77.8%	65.1%	12.7%
Other	4.4%	7.1%	-2.7%	Other	4.4%	5.2%	-0.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	138	22.8%	21.7%	NW	63	24.7%	18.0%
White	475	77.2%	78.3%	White	219	75.3%	82.0%
Chi-square, X-tab ⁶ : .785 <i>not sig.</i>				Chi-square, X-tab ⁶ : .195 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : 1.113 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : 1.102 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.4%	21.1%	10.5%	0.0%	NW	3	N/A
Hispanic	46.3%	30.0%	20.0%	3.8%	White	3	N/A
White	69.1%	21.9%	6.2%	2.7%			
Other	60.6%	30.3%	0.0%	9.1%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHREWSBURY POLICE DEPARTMENT**

Total Citations ¹ : 3,314	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.6%	Citations per 1000	
	Passing through:	74.4%	18 + residents:	112.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,242)				ITP Stops ³ (N = 1,455)			
Mean age				Mean age			
36.79				37.69			
Gender %				Gender %			
Female 31.5%				Female 32.1%			
Male 68.5%				Male 67.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.0%				Race % Mis/Unk ⁴ 0.5%			
AA/Black 16.2%				AA/Black 14.5%			
Hispanic 19.4%				Hispanic 18.9%			
White 53.3%				White 53.8%			
Other 11.1%				Other 12.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.2%	3.0%	13.2%	AA/Black	16.2%	14.5%	1.7%
Hispanic	19.4%	4.8%	14.6%	Hispanic	19.4%	15.2%	4.2%
White	53.3%	69.9%	-16.6%	White	53.3%	65.1%	-11.8%
Other	11.1%	22.8%	-11.7%	Other	11.1%	5.2%	5.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,413	37.8%	56.2%	NW	595	42.5%	50.9%
White	1,594	62.2%	43.8%	White	697	57.5%	49.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .003* sig.			
Odds ratio Exp(B) ⁷ : .515* sig.				Odds ratio Exp(B) ⁷ : .795 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.7%	14.2%	7.2%	4.0%	NW	54	N/A
Hispanic	69.1%	16.9%	7.8%	6.3%	White	40	N/A
White	73.5%	17.8%	4.5%	4.3%			
Other	73.0%	24.5%	1.7%	0.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHUTESBURY POLICE DEPARTMENT**

Total Citations ¹ : 104	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.1%	Citations per 1000	
	Passing through:	93.9%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 98)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
30.51				N/A			
Gender %				Gender %			
Female		45.9%		Female		N/A	
Male		54.1%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴ 9.2%		Race %		Mis/Unk ⁴ N/A	
AA/Black		0.0%		AA/Black		N/A	
Hispanic		3.4%		Hispanic		N/A	
White		86.5%		White		N/A	
Other		10.1%		Other		N/A	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	0.0%	N/A	N/A	AA/Black	0.0%	14.5%	-14.5%
Hispanic	3.4%	N/A	N/A	Hispanic	3.4%	15.2%	-11.8%
White	86.5%	N/A	N/A	White	86.5%	65.1%	21.4%
Other	10.1%	N/A	N/A	Other	10.1%	5.2%	4.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	0.0%	0.0%	0.0%	NW	0	N/A
Hispanic	60.0%	20.0%	20.0%	0.0%	White	0	N/A
White	72.8%	21.0%	4.9%	1.2%			
Other	66.7%	33.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.752	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOMERSET POLICE DEPARTMENT**

Total Citations ¹ : 3,790	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	37.2%	Citations per 1000	
	Passing through:	62.8%	18 + residents:	257.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,563)				ITP Stops ³ (N = 1,158)			
Mean age				Mean age			
39.33				39.59			
Gender %				Gender %			
Female 44.4%				Female 41.7%			
Male 55.6%				Male 58.2%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.0%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 4.1%				AA/Black 3.2%			
Hispanic 3.1%				Hispanic 2.8%			
White 91.6%				White 92.8%			
Other 1.1%				Other 1.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.1%	0.5%	3.6%	AA/Black	4.1%	14.5%	-10.4%
Hispanic	3.1%	0.9%	2.2%	Hispanic	3.1%	15.2%	-12.1%
White	91.6%	97.5%	-5.9%	White	91.6%	65.1%	26.5%
Other	1.1%	0.8%	0.3%	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	286	6.8%	11.7%	NW	72	7.0%	7.3%
White	3,114	93.2%	88.3%	White	952	93.0%	92.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .841 not sig.			
Odds ratio Exp(B) ⁷ : .535* sig.				Odds ratio Exp(B) ⁷ : 1.052 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.6%	8.9%	19.6%	1.9%	NW	0	N/A
Hispanic	65.5%	13.4%	18.5%	2.5%	White	0	N/A
White	84.4%	10.8%	4.2%	0.6%			
Other	90.5%	2.4%	7.1%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOMERVILLE POLICE DEPARTMENT**

Total Citations ¹ : 3,816	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.1%	Citations per 1000	
	Passing through:	74.9%	18 + residents:	53.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,647)				ITP Stops ³ (N = 540)			
Mean age				Mean age			
40.63				39.78			
Gender %				Gender %			
Female 36.1%				Female 35.9%			
Male 63.9%				Male 64.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 11.9%				Race % Mis/Unk ⁴ 4.8%			
AA/Black 11.3%				AA/Black 12.3%			
Hispanic 13.8%				Hispanic 18.9%			
White 66.4%				White 57.0%			
Other 8.6%				Other 11.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.3%	6.2%	5.1%	AA/Black	11.3%	14.5%	-3.2%
Hispanic	13.8%	12.4%	1.4%	Hispanic	13.8%	15.2%	-1.4%
White	66.4%	68.2%	-1.8%	White	66.4%	65.1%	1.3%
Other	8.6%	14.8%	-6.2%	Other	8.6%	5.2%	3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,043	32.7%	43.9%	NW	204	41.1%	49.5%
White	2,072	67.3%	56.1%	White	273	58.9%	50.5%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .140 not sig.			
Odds ratio Exp(B) ⁷ : .674* sig.				Odds ratio Exp(B) ⁷ : 1.069 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	89.9%	4.1%	5.8%	0.3%	NW	1	N/A
Hispanic	93.9%	4.0%	1.1%	1.1%	White	2	N/A
White	90.5%	7.7%	1.7%	0.2%			
Other	93.3%	6.0%	0.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTH HADLEY POLICE DEPARTMENT**

Total Citations ¹ : 651	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.0%	Citations per 1000	
	Passing through:	74.0%	18 + residents:	42.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 593)				ITP Stops ³ (N = 195)			
Mean age				Mean age			
36.4				35.96			
Gender %				Gender %			
Female 42.9%				Female 34.0%			
Male 56.9%				Male 66.0%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.8%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 6.0%				AA/Black 5.7%			
Hispanic 4.9%				Hispanic 3.1%			
White 88.1%				White 90.7%			
Other 1.0%				Other 0.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.0%	1.8%	4.2%	AA/Black	6.0%	14.5%	-8.5%
Hispanic	4.9%	6.4%	-1.5%	Hispanic	4.9%	15.2%	-10.3%
White	88.1%	84.8%	3.3%	White	88.1%	65.1%	23.0%
Other	1.0%	8.2%	-7.2%	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	66	10.2%	16.1%	NW	16	8.8%	10.3%
White	483	89.8%	83.9%	White	155	91.2%	89.7%
Chi-square, X-tab ⁶ : .053 not sig.				Chi-square, X-tab ⁶ : .751 not sig.			
Odds ratio Exp(B) ⁷ : .657 not sig.				Odds ratio Exp(B) ⁷ : 1.161 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.7%	5.3%	18.4%	2.6%	NW	0	N/A
Hispanic	53.3%	10.0%	36.7%	0.0%	White	16	N/A
White	71.1%	8.1%	16.8%	4.0%			
Other	83.3%	16.7%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .240 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHAMPTON POLICE DEPARTMENT**

Total Citations ¹ : 294	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.3%	Citations per 1000	
	Passing through:	77.7%	18 + residents:	57.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 278)				ITP Stops ³ (N = 162)			
Mean age				Mean age			
34.68				34.71			
Gender %				Gender %			
Female 43.5%				Female 43.2%			
Male 56.1%				Male 56.2%			
Non-binary 0.4%				Non-binary 0.6%			
Race % Mis/Unk ⁴ 4.7%				Race % Mis/Unk ⁴ 4.9%			
AA/Black 1.9%				AA/Black 1.9%			
Hispanic 8.7%				Hispanic 4.5%			
White 86.8%				White 90.9%			
Other 2.6%				Other 2.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.9%	0.4%	1.5%	AA/Black	1.9%	14.5%	-12.6%
Hispanic	8.7%	0.0%	8.7%	Hispanic	8.7%	15.2%	-6.5%
White	86.8%	95.6%	-8.8%	White	86.8%	65.1%	21.7%
Other	2.6%	3.9%	-1.3%	Other	2.6%	5.2%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	31	10.4%	18.5%	NW	N/A	N/A	N/A
White	216	89.6%	81.5%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .094 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .416* sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	83.3%	16.7%	0.0%	0.0%	NW	0	N/A
Hispanic	79.2%	16.7%	4.2%	0.0%	White	1	N/A
White	75.7%	15.2%	7.0%	2.1%			
Other	71.4%	28.6%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .972 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 3,230	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	9.7%	Citations per 1000	
	Passing through:	90.3%	18 + residents:	428.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,176)				ITP Stops ³ (N = 1,115)			
Mean age				Mean age			
38.38				39.12			
Gender %				Gender %			
Female 37.2%				Female 38.5%			
Male 62.7%				Male 61.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.2%				Race % Mis/Unk ⁴ 0.1%			
AA/Black 11.3%				AA/Black 9.4%			
Hispanic 17.6%				Hispanic 16.2%			
White 59.5%				White 61.2%			
Other 11.6%				Other 13.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	11.3%	0.7%	10.6%	AA/Black	11.3%	-3.2%
Hispanic	17.6%	3.9%	13.7%	Hispanic	17.6%	2.4%
White	59.5%	79.2%	-19.7%	White	59.5%	-5.6%
Other	11.6%	15.5%	-3.9%	Other	11.6%	6.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,228	32.1%	51.9%	NW	376	36.2%	43.4%
White	1,805	67.9%	48.1%	White	604	63.8%	56.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .031* sig.			
Odds ratio Exp(B) ⁷ : .442* sig.				Odds ratio Exp(B) ⁷ : .653* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.8%	10.8%	10.2%	1.1%	NW	135	49.1%
Hispanic	63.9%	12.5%	19.7%	3.9%	White	140	50.9%
White	81.4%	12.5%	5.1%	1.0%			
Other	90.2%	6.0%	3.3%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SOUTHBRIDGE POLICE DEPARTMENT

Total Citations ¹ : 947	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	56.5%	Citations per 1000	
	Passing through:	43.5%	18 + residents:	72.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 843)				ITP Stops ³ (N = 284)			
Mean age				Mean age			
35.41				33.77			
Gender %				Gender %			
Female 34.6%				Female 29.8%			
Male 65.4%				Male 70.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		2.3%				2.8%	
AA/Black		6.9%		AA/Black		8.0%	
Hispanic		28.9%		Hispanic		26.1%	
White		63.2%		White		64.5%	
Other		1.0%		Other		1.4%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.9%	3.4%	3.5%	AA/Black	6.9%	14.5%	-7.6%
Hispanic	28.9%	32.9%	-4.0%	Hispanic	28.9%	15.2%	13.7%
White	63.2%	62.9%	0.3%	White	63.2%	65.1%	-1.9%
Other	1.0%	4.8%	-3.8%	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	287	35.2%	41.3%	NW	91	32.3%	41.2%
White	485	64.8%	58.7%	White	164	67.7%	58.8%
Chi-square, X-tab ⁶ :		.104	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.147	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.781	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.689	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	23.3%	12.3%	56.2%	8.2%	NW	17	N/A
Hispanic	43.7%	13.7%	37.6%	4.9%	White	2	N/A
White	52.1%	15.3%	29.7%	2.9%			
Other	87.5%	0.0%	12.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000* <i>sig.</i>					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHWICK POLICE DEPARTMENT**

Total Citations ¹ : 1,123	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	26.2%	Citations per 1000	
	Passing through:	73.8%	18 + residents:	143.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,094)				ITP Stops ³ (N = 283)			
Mean age				Mean age			
38.84				36.93			
Gender %				Gender %			
Female 37.0%				Female 33.0%			
Male 63.0%				Male 67.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 3.8%				AA/Black 2.2%			
Hispanic 3.6%				Hispanic 3.6%			
White 92.1%				White 93.5%			
Other 0.6%				Other 0.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.8%	0.1%	3.7%	AA/Black	3.8%	14.5%	-10.7%
Hispanic	3.6%	3.5%	0.1%	Hispanic	3.6%	15.2%	-11.6%
White	92.1%	92.8%	-0.7%	White	92.1%	65.1%	27.0%
Other	0.6%	3.6%	-3.0%	Other	0.6%	5.2%	-4.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	85	7.1%	10.7%	NW	17	7.5%	6.1%
White	966	92.9%	89.3%	White	231	92.5%	93.9%
Chi-square, X-tab ⁶ : .053 not sig.				Chi-square, X-tab ⁶ : .656 not sig.			
Odds ratio Exp(B) ⁷ : .615 not sig.				Odds ratio Exp(B) ⁷ : 1.084 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.9%	11.9%	26.2%	0.0%	NW	3	N/A
Hispanic	64.3%	14.3%	14.3%	7.1%	White	0	N/A
White	82.7%	11.4%	4.5%	1.5%			
Other	50.0%	33.3%	16.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SPENCER POLICE DEPARTMENT**

Total Citations ¹ : 405	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	33.7%	Citations per 1000	
	Passing through:	66.3%	18 + residents:	40.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 377)				ITP Stops ³ (N = 142)			
Mean age				Mean age			
35.13				36.4			
Gender %				Gender %			
Female		39.6%		Female		40.0%	
Male		60.2%		Male		60.0%	
Non-binary		0.3%		Non-binary		0.0%	
Race % Mis/Unk ⁴ 5.0%				Race % Mis/Unk ⁴ 1.4%			
AA/Black		7.5%		AA/Black		4.3%	
Hispanic		11.7%		Hispanic		7.9%	
White		79.3%		White		87.1%	
Other		1.4%		Other		0.7%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.5%	1.0%	6.5%	AA/Black	7.5%	14.5%	-7.0%
Hispanic	11.7%	3.3%	8.4%	Hispanic	11.7%	15.2%	-3.5%
White	79.3%	90.0%	-10.7%	White	79.3%	65.1%	14.2%
Other	1.4%	5.8%	-4.4%	Other	1.4%	5.2%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	71	11.2%	40.0%	NW	N/A	N/A	N/A
White	267	88.8%	60.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.174*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	36.7%	20.0%	23.3%	20.0%	NW	0	N/A
Hispanic	48.8%	18.6%	25.6%	7.0%	White	1	N/A
White	57.7%	18.6%	17.3%	6.5%			
Other	60.0%	40.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.142	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SPRINGFIELD POLICE DEPARTMENT**

Total Citations ¹ : 13,794	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	68.8%	Citations per 1000	
	Passing through:	31.2%	18 + residents:	119.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 12,809)				ITP Stops ³ (N = 4,532)			
Mean age				Mean age			
36.89				36.25			
Gender %				Gender %			
Female 41.1%				Female 41.4%			
Male 58.8%				Male 58.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.0%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 27.7%				AA/Black 28.0%			
Hispanic 25.3%				Hispanic 28.2%			
White 45.5%				White 42.3%			
Other 1.4%				Other 1.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	27.7%	20.9%	6.8%	AA/Black	27.7%	14.5%	13.2%
Hispanic	25.3%	45.0%	-19.7%	Hispanic	25.3%	15.2%	10.1%
White	45.5%	31.2%	14.3%	White	45.5%	65.1%	-19.6%
Other	1.4%	7.6%	-6.2%	Other	1.4%	5.2%	-3.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	6,013	55.8%	57.1%	NW	2,359	59.4%	55.0%
White	4,678	44.2%	42.9%	White	1,740	40.6%	45.0%
Chi-square, X-tab ⁶ :		.187	not sig.	Chi-square, X-tab ⁶ :		.005*	sig.
Odds ratio Exp(B) ⁷ :		.930	not sig.	Odds ratio Exp(B) ⁷ :		.938	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	64.5%	24.6%	10.8%	0.1%	NW	27	N/A
Hispanic	66.6%	32.4%	1.0%	0.0%	White	12	N/A
White	62.1%	24.3%	13.5%	0.0%			
Other	72.4%	25.0%	2.6%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STERLING POLICE DEPARTMENT**

Total Citations ¹ : 307	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.2%	Citations per 1000	
	Passing through:	72.8%	18 + residents:	48.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 287)				ITP Stops ³ (N = 94)			
Mean age				Mean age			
36.51				34.03			
Gender %				Gender %			
Female 36.4%				Female 29.8%			
Male 63.6%				Male 70.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 6.6%				Race % Mis/Unk ⁴ 5.3%			
AA/Black 8.2%				AA/Black 7.9%			
Hispanic 15.3%				Hispanic 12.4%			
White 73.9%				White 77.5%			
Other 2.6%				Other 2.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.2%	1.3%	6.9%	AA/Black	8.2%	14.5%	-6.3%
Hispanic	15.3%	5.1%	10.2%	Hispanic	15.3%	15.2%	0.1%
White	73.9%	92.4%	-18.5%	White	73.9%	65.1%	8.8%
Other	2.6%	1.5%	1.1%	Other	2.6%	5.2%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	22.6%	39.0%	NW	N/A	N/A	N/A
White	187	77.4%	61.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .012* sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .467* sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.0%	4.0%	20.0%	16.0%	NW	0	N/A
Hispanic	25.6%	20.9%	51.2%	2.3%	White	0	N/A
White	59.2%	17.8%	15.5%	7.5%			
Other	71.4%	0.0%	28.6%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STOCKBRIDGE POLICE DEPARTMENT**

Total Citations ¹ : 834	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	5.9%	Citations per 1000	
	Passing through:	94.1%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 793)				ITP Stops ³ (N = 313)			
Mean age				Mean age			
45.73				41.69			
Gender %				Gender %			
Female 45.8%				Female 38.7%			
Male 54.1%				Male 61.0%			
Non-binary 0.1%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 0.6%			
AA/Black 5.7%				AA/Black 7.1%			
Hispanic 2.2%				Hispanic 2.6%			
White 91.2%				White 88.7%			
Other 0.9%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.7%	N/A	N/A	AA/Black	5.7%	14.5%	-8.8%
Hispanic	2.2%	N/A	N/A	Hispanic	2.2%	15.2%	-13.0%
White	91.2%	N/A	N/A	White	91.2%	65.1%	26.1%
Other	0.9%	N/A	N/A	Other	0.9%	5.2%	-4.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	7.5%	12.7%	NW	30	10.6%	12.5%
White	665	92.5%	87.3%	White	242	89.4%	87.5%
Chi-square, X-tab ⁶ : .056 <i>not sig.</i>				Chi-square, X-tab ⁶ : .693 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .537 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .865 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	89.4%	2.1%	8.5%	0.0%	NW	2	N/A
Hispanic	77.8%	11.1%	11.1%	0.0%	White	0	N/A
White	93.5%	4.0%	2.4%	0.1%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .129 <i>not sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STONEHAM POLICE DEPARTMENT**

Total Citations ¹ : 573	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.7%	Citations per 1000	
	Passing through:	71.3%	18 + residents:	28.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 543)				ITP Stops ³ (N = 174)			
Mean age				Mean age			
43.52				42.74			
Gender %				Gender %			
Female 40.5%				Female 35.5%			
Male 59.5%				Male 64.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 7.9%				Race % Mis/Unk ⁴ 9.2%			
AA/Black 4.8%				AA/Black 4.4%			
Hispanic 3.2%				Hispanic 2.5%			
White 87.8%				White 87.3%			
Other 4.2%				Other 5.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.8%	3.0%	1.8%	AA/Black	4.8%	14.5%	-9.7%
Hispanic	3.2%	3.3%	-0.1%	Hispanic	3.2%	15.2%	-12.0%
White	87.8%	87.7%	0.1%	White	87.8%	65.1%	22.7%
Other	4.2%	5.6%	-1.4%	Other	4.2%	5.2%	-1.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	11.7%	12.4%	NW	N/A	N/A	N/A
White	401	88.3%	87.6%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .873 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .822 not sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.1%	3.8%	19.2%	3.8%	NW	1	N/A
Hispanic	63.2%	0.0%	36.8%	0.0%	White	2	N/A
White	83.7%	5.2%	10.0%	1.1%			
Other	90.9%	4.5%	4.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .027* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STOUGHTON POLICE DEPARTMENT**

Total Citations ¹ : 1,458	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	30.1%	Citations per 1000	
	Passing through:	69.9%	18 + residents:	62.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,318)				ITP Stops ³ (N = 380)			
Mean age				Mean age			
40.57				39.81			
Gender %				Gender %			
Female 38.0%				Female 41.1%			
Male 62.0%				Male 58.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.3%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 37.8%				AA/Black 41.2%			
Hispanic 4.3%				Hispanic 2.7%			
White 54.5%				White 54.0%			
Other 3.5%				Other 2.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	37.8%	15.0%	22.8%	AA/Black	37.8%	14.5%	23.3%
Hispanic	4.3%	3.8%	0.5%	Hispanic	4.3%	15.2%	-10.9%
White	54.5%	71.5%	-17.0%	White	54.5%	65.1%	-10.6%
Other	3.5%	8.9%	-5.4%	Other	3.5%	5.2%	-1.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	533	42.8%	51.8%	NW	154	44.4%	44.9%
White	654	57.2%	48.2%	White	192	55.6%	55.1%
Chi-square, X-tab ⁶ : .009* sig.				Chi-square, X-tab ⁶ : .924 not sig.			
Odds ratio Exp(B) ⁷ : .704* sig.				Odds ratio Exp(B) ⁷ : .944 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.6%	17.7%	19.7%	0.9%	NW	1	N/A
Hispanic	28.4%	38.8%	32.8%	0.0%	White	0	N/A
White	67.3%	18.8%	12.6%	1.2%			
Other	76.1%	13.0%	10.9%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT STOW POLICE DEPARTMENT

Total Citations ¹ : 370	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.9%	Citations per 1000	
	Passing through:	82.1%	18 + residents:	69.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 351)				ITP Stops ³ (N = 192)			
Mean age				Mean age			
40.84				39.99			
Gender %				Gender %			
Female 37.1%				Female 34.4%			
Male 62.9%				Male 65.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		1.1%				0.5%	
AA/Black		4.0%		AA/Black		5.8%	
Hispanic		7.8%		Hispanic		11.5%	
White		84.4%		White		80.6%	
Other		3.7%		Other		2.1%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.0%	0.0%	4.0%	AA/Black	4.0%	14.5%	-10.5%
Hispanic	7.8%	2.9%	4.9%	Hispanic	7.8%	15.2%	-7.4%
White	84.4%	88.4%	-4.0%	White	84.4%	65.1%	19.3%
Other	3.7%	5.7%	-2.0%	Other	3.7%	5.2%	-1.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	13.3%	18.8%	NW	31	18.5%	19.7%
White	271	86.7%	81.2%	White	132	81.5%	80.3%
Chi-square, X-tab ⁶ :		.200	not sig.	Chi-square, X-tab ⁶ :		.841	not sig.
Odds ratio Exp(B) ⁷ :		.756	not sig.	Odds ratio Exp(B) ⁷ :		1.233	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.1%	7.1%	35.7%	0.0%	NW	0	N/A
Hispanic	53.3%	0.0%	46.7%	0.0%	White	1	N/A
White	84.7%	3.6%	10.4%	1.3%			
Other	84.6%	15.4%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STURBRIDGE POLICE DEPARTMENT**

Total Citations ¹ : 3,695	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.3%	Citations per 1000	
	Passing through:	87.7%	18 + residents:	514.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,607)				ITP Stops ³ (N = 1,154)			
Mean age				Mean age			
37.81				37.84			
Gender %				Gender %			
Female 38.9%				Female 36.2%			
Male 60.9%				Male 63.6%			
Non-binary 0.2%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 7.6%				AA/Black 6.1%			
Hispanic 12.0%				Hispanic 10.8%			
White 76.9%				White 80.4%			
Other 3.4%				Other 2.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.6%	0.8%	6.8%	AA/Black	7.6%	14.5%	-6.9%
Hispanic	12.0%	3.0%	9.0%	Hispanic	12.0%	15.2%	-3.2%
White	76.9%	92.2%	-15.3%	White	76.9%	65.1%	11.8%
Other	3.4%	3.4%	0.0%	Other	3.4%	5.2%	-1.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	797	16.2%	32.0%	NW	198	18.2%	21.7%
White	2,634	83.8%	68.0%	White	809	81.8%	78.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .176 not sig.			
Odds ratio Exp(B) ⁷ : .392* sig.				Odds ratio Exp(B) ⁷ : .756 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.8%	13.7%	15.8%	4.6%	NW	13	N/A
Hispanic	66.6%	10.9%	20.9%	1.6%	White	16	N/A
White	83.7%	8.2%	6.2%	1.9%			
Other	80.8%	12.0%	6.4%	0.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SUDBURY POLICE DEPARTMENT**

Total Citations ¹ : 1,803	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.8%	Citations per 1000	
	Passing through:	71.2%	18 + residents:	127.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,743)				ITP Stops ³ (N = 622)			
Mean age				Mean age			
40.01				40.53			
Gender %				Gender %			
Female 41.3%				Female 40.1%			
Male 58.7%				Male 59.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 1.9%			
AA/Black 8.1%				AA/Black 6.4%			
Hispanic 11.6%				Hispanic 13.1%			
White 72.9%				White 73.3%			
Other 7.4%				Other 7.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.1%	1.8%	6.3%	AA/Black	8.1%	14.5%	-6.4%
Hispanic	11.6%	2.5%	9.1%	Hispanic	11.6%	15.2%	-3.6%
White	72.9%	82.5%	-9.6%	White	72.9%	65.1%	7.8%
Other	7.4%	13.3%	-5.9%	Other	7.4%	5.2%	2.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	439	24.7%	34.4%	NW	149	26.8%	28.4%
White	1,167	75.3%	65.6%	White	397	73.2%	71.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .685 not sig.			
Odds ratio Exp(B) ⁷ : .614* sig.				Odds ratio Exp(B) ⁷ : 1.155 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.3%	4.9%	12.5%	1.4%	NW	1	N/A
Hispanic	68.6%	8.8%	21.6%	1.0%	White	3	N/A
White	87.9%	6.6%	5.0%	0.5%			
Other	91.6%	6.1%	2.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SUNDERLAND POLICE DEPARTMENT**

Total Citations ¹ : 224	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.0%	Citations per 1000	
	Passing through:	81.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 210)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.64				N/A			
Gender %				Gender %			
Female 46.4%				Female N/A			
Male 53.1%				Male N/A			
Non-binary 0.4%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.3%				Race % Mis/Unk ⁴ N/A			
AA/Black 6.4%				AA/Black N/A			
Hispanic 3.9%				Hispanic N/A			
White 85.2%				White N/A			
Other 4.4%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.4%	N/A	N/A	AA/Black	6.4%	14.5%	-8.1%
Hispanic	3.9%	N/A	N/A	Hispanic	3.9%	15.2%	-11.3%
White	85.2%	N/A	N/A	White	85.2%	65.1%	20.1%
Other	4.4%	N/A	N/A	Other	4.4%	5.2%	-0.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	75.0%	6.3%	18.8%	0.0%	NW	3
Hispanic	50.0%	0.0%	50.0%	0.0%	White	2
White	64.1%	17.1%	14.9%	3.9%		
Other	33.3%	55.6%	11.1%	0.0%		
Chi-square, X-tab ⁶ :		.012*	sig.		Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SUTTON POLICE DEPARTMENT**

Total Citations ¹ : 784	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	9.4%	Citations per 1000	
	Passing through:	90.6%	18 + residents:	107.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 725)				ITP Stops ³ (N = 221)			
Mean age				Mean age			
36.01				36.96			
Gender %				Gender %			
Female 30.0%				Female 25.7%			
Male 69.7%				Male 74.3%			
Non-binary 0.3%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.6%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 11.6%				AA/Black 11.1%			
Hispanic 10.3%				Hispanic 7.4%			
White 76.5%				White 80.2%			
Other 1.6%				Other 1.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.6%	2.2%	9.4%	AA/Black	11.6%	14.5%	-2.9%
Hispanic	10.3%	1.6%	8.7%	Hispanic	10.3%	15.2%	-4.9%
White	76.5%	92.3%	-15.8%	White	76.5%	65.1%	11.4%
Other	1.6%	3.8%	-2.2%	Other	1.6%	5.2%	-3.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	151	23.1%	24.5%	NW	35	20.2%	17.1%
White	490	76.9%	75.5%	White	150	79.8%	82.9%
Chi-square, X-tab ⁶ :		.698	not sig.	Chi-square, X-tab ⁶ :		.599	not sig.
Odds ratio Exp(B) ⁷ :		.901	not sig.	Odds ratio Exp(B) ⁷ :		1.223	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	16.5%	23.1%	52.7%	7.7%	NW	0	N/A
Hispanic	27.3%	7.8%	59.7%	5.2%	White	4	N/A
White	46.1%	24.9%	24.2%	4.8%			
Other	35.7%	21.4%	28.6%	14.3%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SWAMPSCOTT POLICE DEPARTMENT**

Total Citations ¹ : 1,475	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.2%	Citations per 1000	
	Passing through:	78.8%	18 + residents:	123.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,442)				ITP Stops ³ (N = 399)			
Mean age				Mean age			
42.18				39.83			
Gender %				Gender %			
Female 43.3%				Female 41.7%			
Male 56.6%				Male 58.1%			
Non-binary 0.1%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 3.5%			
AA/Black 10.5%				AA/Black 12.5%			
Hispanic 20.7%				Hispanic 19.7%			
White 64.0%				White 63.4%			
Other 4.7%				Other 4.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.5%	1.5%	9.0%	AA/Black	10.5%	14.5%	-4.0%
Hispanic	20.7%	2.5%	18.2%	Hispanic	20.7%	15.2%	5.5%
White	64.0%	91.7%	-27.7%	White	64.0%	65.1%	-1.1%
Other	4.7%	4.3%	0.4%	Other	4.7%	5.2%	-0.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	487	29.5%	49.9%	NW	118	38.2%	30.9%
White	872	70.5%	50.1%	White	209	61.8%	69.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .211 not sig.			
Odds ratio Exp(B) ⁷ : .429* sig.				Odds ratio Exp(B) ⁷ : 1.497 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	86.0%	6.0%	6.7%	1.3%	NW	0	N/A
Hispanic	73.0%	8.7%	13.5%	4.8%	White	0	N/A
White	87.3%	7.7%	4.0%	1.0%			
Other	94.0%	4.5%	1.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SWANSEA POLICE DEPARTMENT**

Total Citations ¹ : 1,501	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.3%	Citations per 1000	
	Passing through:	72.7%	18 + residents:	108.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,248)				ITP Stops ³ (N = 374)			
Mean age				Mean age			
39.89				39.58			
Gender %				Gender %			
Female 40.8%				Female 35.3%			
Male 59.2%				Male 64.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.7%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 4.0%				AA/Black 2.4%			
Hispanic 2.3%				Hispanic 2.7%			
White 92.3%				White 93.3%			
Other 1.5%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.0%	0.2%	3.8%	AA/Black	4.0%	14.5%	-10.5%
Hispanic	2.3%	0.5%	1.8%	Hispanic	2.3%	15.2%	-12.9%
White	92.3%	96.4%	-4.1%	White	92.3%	65.1%	27.2%
Other	1.5%	2.8%	-1.3%	Other	1.5%	5.2%	-3.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	86	6.2%	9.2%	NW	18	4.1%	6.5%
White	1,103	93.8%	90.8%	White	315	95.9%	93.5%
Chi-square, X-tab ⁶ : .061 not sig.				Chi-square, X-tab ⁶ : .342 not sig.			
Odds ratio Exp(B) ⁷ : .552* sig.				Odds ratio Exp(B) ⁷ : .429 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	79.1%	3.0%	17.9%	0.0%	NW	0	N/A
Hispanic	60.0%	5.7%	34.3%	0.0%	White	1	N/A
White	88.1%	5.0%	5.6%	1.2%			
Other	78.3%	8.7%	13.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TAUNTON POLICE DEPARTMENT**

Total Citations ¹ : 742	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	51.2%	Citations per 1000	
	Passing through:	48.8%	18 + residents:	16.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 576)				ITP Stops ³ (N = 164)			
Mean age				Mean age			
37.56				37.54			
Gender %				Gender %			
Female 38.0%				Female 40.6%			
Male 61.8%				Male 59.4%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.6%				Race % Mis/Unk ⁴ 3.7%			
AA/Black 22.2%				AA/Black 18.4%			
Hispanic 2.5%				Hispanic 1.3%			
White 74.6%				White 79.7%			
Other 0.7%				Other 0.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	22.2%	8.8%	13.4%	AA/Black	22.2%	14.5%	7.7%
Hispanic	2.5%	9.0%	-6.5%	Hispanic	2.5%	15.2%	-12.7%
White	74.6%	75.0%	-0.4%	White	74.6%	65.1%	9.5%
Other	0.7%	5.9%	-5.2%	Other	0.7%	5.2%	-4.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	122	25.5%	23.0%	NW	26	20.4%	13.0%
White	374	74.5%	77.0%	White	118	79.6%	87.0%
Chi-square, X-tab ⁶ :		.545	not sig.	Chi-square, X-tab ⁶ :		.284	not sig.
Odds ratio Exp(B) ⁷ :		1.368	not sig.	Odds ratio Exp(B) ⁷ :		.787	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	48.2%	17.7%	29.3%	4.9%	NW	6	N/A
Hispanic	47.4%	10.5%	36.8%	5.3%	White	6	N/A
White	57.3%	14.5%	24.2%	4.0%			
Other	50.0%	16.7%	33.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.736	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TEMPLETON POLICE DEPARTMENT**

Total Citations ¹ : 518	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.6%	Citations per 1000	
	Passing through:	88.4%	18 + residents:	79.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 501)				ITP Stops ³ (N = 213)			
Mean age				Mean age			
37.2				36.2			
Gender %				Gender %			
Female 39.0%				Female 30.5%			
Male 61.0%				Male 69.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 3.8%			
AA/Black 4.3%				AA/Black 4.4%			
Hispanic 2.7%				Hispanic 1.5%			
White 92.6%				White 94.1%			
Other 0.4%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.3%	0.0%	4.3%	AA/Black	4.3%	14.5%	-10.2%
Hispanic	2.7%	2.9%	-0.2%	Hispanic	2.7%	15.2%	-12.5%
White	92.6%	94.6%	-2.0%	White	92.6%	65.1%	27.5%
Other	0.4%	2.5%	-2.1%	Other	0.4%	5.2%	-4.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	8.0%	6.2%	NW	N/A	N/A	N/A
White	434	92.0%	93.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .489 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : 1.509 not sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	52.2%	8.7%	39.1%	0.0%	NW	0 N/A
Hispanic	50.0%	21.4%	28.6%	0.0%	White	0 N/A
White	64.4%	22.9%	10.2%	2.6%		
Other	100.0%	0.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ : .005* sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TEWKSBURY POLICE DEPARTMENT**

Total Citations ¹ : 3,637	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	27.1%	Citations per 1000	
	Passing through:	72.9%	18 + residents:	144.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,435)				ITP Stops ³ (N = 548)			
Mean age				Mean age			
38.39				38.82			
Gender %				Gender %			
Female 41.1%				Female 36.7%			
Male 58.8%				Male 63.1%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 0.4%				Race % Mis/Unk ⁴ 0.4%			
AA/Black 9.8%				AA/Black 12.8%			
Hispanic 15.3%				Hispanic 14.8%			
White 69.0%				White 66.7%			
Other 5.9%				Other 5.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.8%	2.4%	7.4%	AA/Black	9.8%	14.5%	-4.7%
Hispanic	15.3%	2.2%	13.1%	Hispanic	15.3%	15.2%	0.1%
White	69.0%	90.1%	-21.1%	White	69.0%	65.1%	3.9%
Other	5.9%	5.2%	0.7%	Other	5.9%	5.2%	0.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,024	28.1%	40.1%	NW	158	33.5%	32.6%
White	2,284	71.9%	59.9%	White	320	66.5%	67.4%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .847 not sig.			
Odds ratio Exp(B) ⁷ : .585* sig.				Odds ratio Exp(B) ⁷ : 1.122 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.5%	3.9%	8.4%	5.3%	NW	9	N/A
Hispanic	79.1%	5.9%	11.0%	4.0%	White	17	N/A
White	86.4%	5.7%	4.8%	3.2%			
Other	91.0%	6.2%	1.9%	1.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TISBURY POLICE DEPARTMENT**

Total Citations ¹ : 179	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	38.9%	Citations per 1000	
	Passing through:	61.1%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 113)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
37.15				N/A			
Gender %				Gender %			
Female 24.3%				Female N/A			
Male 74.8%				Male N/A			
Non-binary 0.9%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.5%				Race % Mis/Unk ⁴ N/A			
AA/Black 11.0%				AA/Black N/A			
Hispanic 0.0%				Hispanic N/A			
White 88.1%				White N/A			
Other 0.9%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.0%	N/A	N/A	AA/Black	11.0%	14.5%	-3.5%
Hispanic	0.0%	N/A	N/A	Hispanic	0.0%	15.2%	-15.2%
White	88.1%	N/A	N/A	White	88.1%	65.1%	23.0%
Other	0.9%	N/A	N/A	Other	0.9%	5.2%	-4.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	36.8%	21.1%	42.1%	0.0%	NW	0	
Hispanic	0.0%	0.0%	0.0%	0.0%	White	0	
White	37.9%	11.1%	41.8%	9.2%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-square, X-tab ⁶ : .575 not sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TOLLAND POLICE DEPARTMENT**

Total Citations ¹ : 184	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	5.4%	Citations per 1000	
	Passing through:	94.6%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 184)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
40.77				N/A			
Gender %				Gender %			
Female 29.8%				Female N/A			
Male 70.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 10.9%				Race % Mis/Unk ⁴ N/A			
AA/Black 1.8%				AA/Black N/A			
Hispanic 1.2%				Hispanic N/A			
White 93.3%				White N/A			
Other 3.7%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	1.8%	N/A	N/A	AA/Black	1.8%	14.5%	-12.7%
Hispanic	1.2%	N/A	N/A	Hispanic	1.2%	15.2%	-14.0%
White	93.3%	N/A	N/A	White	93.3%	65.1%	28.2%
Other	3.7%	N/A	N/A	Other	3.7%	5.2%	-1.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	66.7%	0.0%	33.3%	0.0%	NW	0	N/A	
Hispanic	0.0%	100.0%	0.0%	0.0%	White	0	N/A	
White	54.2%	35.3%	10.5%	0.0%				
Other	16.7%	66.7%	16.7%	0.0%		Counts	Percent	
Chi-square, X-tab ⁶ :		.154	not sig.					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TOPSFIELD POLICE DEPARTMENT**

Total Citations ¹ : 509	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	8.6%	Citations per 1000	
	Passing through:	91.4%	18 + residents:	103.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 498)				ITP Stops ³ (N = 111)			
Mean age				Mean age			
39.16				37.83			
Gender %				Gender %			
Female 32.6%				Female 21.9%			
Male 67.4%				Male 78.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 3.7%				AA/Black 1.8%			
Hispanic 16.3%				Hispanic 26.4%			
White 78.2%				White 70.0%			
Other 1.8%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.7%	0.1%	3.6%	AA/Black	3.7%	14.5%	-10.8%
Hispanic	16.3%	1.7%	14.6%	Hispanic	16.3%	15.2%	1.1%
White	78.2%	94.8%	-16.6%	White	78.2%	65.1%	13.1%
Other	1.8%	3.4%	-1.6%	Other	1.8%	5.2%	-3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	102	20.1%	26.8%	NW	28	38.8%	19.6%
White	368	79.9%	73.2%	White	67	61.2%	80.4%
Chi-square, X-tab ⁶ : .135 not sig.				Chi-square, X-tab ⁶ : .040* sig.			
Odds ratio Exp(B) ⁷ : .734 not sig.				Odds ratio Exp(B) ⁷ : 1.261 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	61.1%	5.6%	33.3%	0.0%	NW	0
Hispanic	31.3%	6.0%	57.8%	4.8%	White	0
White	73.4%	10.5%	11.5%	4.6%		
Other	55.6%	11.1%	33.3%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TOWNSEND POLICE DEPARTMENT**

Total Citations ¹ : 156	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	54.3%	Citations per 1000	
	Passing through:	45.7%	18 + residents:	9.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 127)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.07				N/A			
Gender %				Gender %			
Female 27.8%				Female N/A			
Male 72.2%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 5.5%				Race % Mis/Unk ⁴ N/A			
AA/Black 4.2%				AA/Black N/A			
Hispanic 9.2%				Hispanic N/A			
White 85.0%				White N/A			
Other 1.7%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.2%	1.6%	2.6%	AA/Black	4.2%	14.5%	-10.3%
Hispanic	9.2%	5.0%	4.2%	Hispanic	9.2%	15.2%	-6.0%
White	85.0%	91.1%	-6.1%	White	85.0%	65.1%	19.9%
Other	1.7%	2.3%	-0.6%	Other	1.7%	5.2%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	12.6%	19.2%	NW	N/A	N/A	N/A
White	97	87.4%	80.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.398	<i>not sig.</i>	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.658	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	0.0%	33.3%	16.7%	NW	0	N/A
Hispanic	25.0%	10.0%	60.0%	5.0%	White	0	N/A
White	53.0%	20.5%	23.1%	3.4%			
Other	0.0%	33.3%	66.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.027*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TRURO POLICE DEPARTMENT**

Total Citations ¹ : 318	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	7.4%	Citations per 1000	
	Passing through:	92.6%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 302)				ITP Stops ³ (N = 123)			
Mean age				Mean age			
37.1				37.79			
Gender %				Gender %			
Female 26.3%				Female 21.1%			
Male 73.7%				Male 78.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 18.0%				AA/Black 16.3%			
Hispanic 4.4%				Hispanic 5.7%			
White 72.9%				White 72.4%			
Other 4.7%				Other 5.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.0%	N/A	N/A	AA/Black	18.0%	14.5%	3.5%
Hispanic	4.4%	N/A	N/A	Hispanic	4.4%	15.2%	-10.8%
White	72.9%	N/A	N/A	White	72.9%	65.1%	7.8%
Other	4.7%	N/A	N/A	Other	4.7%	5.2%	-0.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	73	23.5%	33.7%	NW	30	24.1%	37.0%
White	199	76.5%	66.3%	White	80	75.9%	63.0%
Chi-square, X-tab ⁶ : .075 <i>not sig.</i>				Chi-square, X-tab ⁶ : .190 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .599 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : .798 <i>not sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	52.8%	22.6%	22.6%	1.9%	NW	0	
Hispanic	38.5%	23.1%	38.5%	0.0%	White	2	
White	43.7%	30.7%	22.9%	2.6%			
Other	71.4%	14.3%	14.3%	0.0%			
Chi-square, X-tab ⁶ : .570 <i>not sig.</i>						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TYNGBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 844	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.8%	Citations per 1000	
	Passing through:	80.2%	18 + residents:	83.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 809)				ITP Stops ³ (N = 383)			
Mean age				Mean age			
36.59				38.49			
Gender %				Gender %			
Female 36.0%				Female 32.8%			
Male 64.0%				Male 67.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 6.8%				AA/Black 7.7%			
Hispanic 8.0%				Hispanic 6.1%			
White 75.5%				White 75.7%			
Other 9.7%				Other 10.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.8%	0.9%	5.9%	AA/Black	6.8%	14.5%	-7.7%
Hispanic	8.0%	4.5%	3.5%	Hispanic	8.0%	15.2%	-7.2%
White	75.5%	83.6%	-8.1%	White	75.5%	65.1%	10.4%
Other	9.7%	10.9%	-1.2%	Other	9.7%	5.2%	4.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	178	22.4%	27.3%	NW	77	19.9%	27.2%
White	543	77.6%	72.7%	White	256	80.1%	72.8%
Chi-square, X-tab ⁶ : .128 not sig.				Chi-square, X-tab ⁶ : .116 not sig.			
Odds ratio Exp(B) ⁷ : .812 not sig.				Odds ratio Exp(B) ⁷ : .682 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	85.5%	9.1%	3.6%	1.8%	NW	0	N/A
Hispanic	65.6%	7.8%	23.4%	3.1%	White	6	N/A
White	82.9%	5.7%	9.0%	2.4%			
Other	89.6%	3.9%	6.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .007* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
UPTON POLICE DEPARTMENT**

Total Citations ¹ : 1,010	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.2%	Citations per 1000	
	Passing through:	87.8%	18 + residents:	166.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 974)				ITP Stops ³ (N = 430)			
Mean age				Mean age			
37.13				36.83			
Gender %				Gender %			
Female 38.9%				Female 36.2%			
Male 61.1%				Male 63.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 4.0%				AA/Black 4.0%			
Hispanic 12.9%				Hispanic 14.4%			
White 76.8%				White 75.5%			
Other 6.3%				Other 6.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.0%	7.6%	-3.6%	AA/Black	4.0%	14.5%	-10.5%
Hispanic	12.9%	3.6%	9.3%	Hispanic	12.9%	15.2%	-2.3%
White	76.8%	80.2%	-3.4%	White	76.8%	65.1%	11.7%
Other	6.3%	9.4%	-3.1%	Other	6.3%	5.2%	1.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	203	18.3%	27.4%	NW	84	21.9%	23.8%
White	699	81.7%	72.6%	White	284	78.1%	76.2%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .665 not sig.			
Odds ratio Exp(B) ⁷ : .620* sig.				Odds ratio Exp(B) ⁷ : .761 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.0%	22.5%	12.5%	0.0%	NW	1	N/A
Hispanic	42.4%	19.7%	33.3%	4.5%	White	2	N/A
White	72.4%	17.2%	9.3%	1.0%			
Other	77.8%	19.0%	3.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
UXBRIDGE POLICE DEPARTMENT**

Total Citations ¹ : 838	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	32.9%	Citations per 1000	
	Passing through:	67.1%	18 + residents:	75.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 809)				ITP Stops ³ (N = 356)			
Mean age				Mean age			
38.15				37.24			
Gender %				Gender %			
Female 39.3%				Female 39.5%			
Male 60.7%				Male 60.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 8.0%				Race % Mis/Unk ⁴ 6.7%			
AA/Black 5.0%				AA/Black 4.2%			
Hispanic 8.1%				Hispanic 6.3%			
White 85.5%				White 88.3%			
Other 1.5%				Other 1.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.0%	1.9%	3.1%	AA/Black	5.0%	14.5%	-9.5%
Hispanic	8.1%	1.7%	6.4%	Hispanic	8.1%	15.2%	-7.1%
White	85.5%	94.9%	-9.4%	White	85.5%	65.1%	20.4%
Other	1.5%	1.4%	0.1%	Other	1.5%	5.2%	-3.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	101	12.2%	22.4%	NW	34	9.4%	18.6%
White	613	87.8%	77.6%	White	270	90.6%	81.4%
Chi-square, X-tab ⁶ : .002* sig.				Chi-square, X-tab ⁶ : .043* sig.			
Odds ratio Exp(B) ⁷ : .573* sig.				Odds ratio Exp(B) ⁷ : .455 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.3%	10.5%	34.2%	0.0%	NW	0	N/A
Hispanic	43.8%	7.8%	48.4%	0.0%	White	2	N/A
White	72.5%	14.0%	10.9%	2.6%			
Other	63.6%	18.2%	18.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WAKEFIELD POLICE DEPARTMENT**

Total Citations ¹ : 1,171	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	34.6%	Citations per 1000	
	Passing through:	65.4%	18 + residents:	53.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,059)				ITP Stops ³ (N = 573)			
Mean age				Mean age			
39.47				39.44			
Gender %				Gender %			
Female 39.7%				Female 37.8%			
Male 60.3%				Male 62.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.6%				Race % Mis/Unk ⁴ 2.6%			
AA/Black 4.6%				AA/Black 4.1%			
Hispanic 3.1%				Hispanic 3.9%			
White 88.7%				White 88.4%			
Other 3.6%				Other 3.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.6%	1.8%	2.8%	AA/Black	4.6%	14.5%	-9.9%
Hispanic	3.1%	3.5%	-0.4%	Hispanic	3.1%	15.2%	-12.1%
White	88.7%	91.0%	-2.3%	White	88.7%	65.1%	23.6%
Other	3.6%	3.8%	-0.2%	Other	3.6%	5.2%	-1.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	112	9.6%	16.5%	NW	62	10.3%	18.1%
White	869	90.4%	83.5%	White	467	89.7%	81.9%
Chi-square, X-tab ⁶ : .002* sig.				Chi-square, X-tab ⁶ : .034* sig.			
Odds ratio Exp(B) ⁷ : .608* sig.				Odds ratio Exp(B) ⁷ : .536 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.0%	3.4%	16.9%	1.7%	NW	0	N/A
Hispanic	64.1%	12.8%	23.1%	0.0%	White	1	N/A
White	87.5%	6.4%	3.6%	2.5%			
Other	80.0%	20.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WALES POLICE DEPARTMENT**

Total Citations ¹ : 166	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	34.5%	Citations per 1000	
	Passing through:	65.5%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 165)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
40.89				N/A			
Gender %				Gender %			
Female 35.2%				Female N/A			
Male 64.8%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ N/A			
AA/Black 3.7%				AA/Black N/A			
Hispanic 4.3%				Hispanic N/A			
White 92.0%				White N/A			
Other 0.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.7%	N/A	N/A	AA/Black	3.7%	14.5%	-10.8%
Hispanic	4.3%	N/A	N/A	Hispanic	4.3%	15.2%	-10.9%
White	92.0%	N/A	N/A	White	92.0%	65.1%	26.9%
Other	0.0%	N/A	N/A	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	16.7%	33.3%	0.0%	NW	2	N/A
Hispanic	42.9%	42.9%	14.3%	0.0%	White	5	N/A
White	66.2%	27.2%	6.0%	0.7%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.230	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WALPOLE POLICE DEPARTMENT**

Total Citations ¹ : 3,514	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.2%	Citations per 1000	
	Passing through:	74.8%	18 + residents:	187.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,464)				ITP Stops ³ (N = 1,235)			
Mean age				Mean age			
41.85				40.85			
Gender %				Gender %			
Female 42.4%				Female 38.7%			
Male 57.5%				Male 61.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 1.1%			
AA/Black 8.7%				AA/Black 9.2%			
Hispanic 7.0%				Hispanic 6.8%			
White 79.8%				White 78.6%			
Other 4.6%				Other 5.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.7%	2.1%	6.6%	AA/Black	8.7%	14.5%	-5.8%
Hispanic	7.0%	7.9%	-0.9%	Hispanic	7.0%	15.2%	-8.2%
White	79.8%	82.2%	-2.4%	White	79.8%	65.1%	14.7%
Other	4.6%	7.0%	-2.4%	Other	4.6%	5.2%	-0.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	652	17.2%	28.0%	NW	224	20.1%	22.1%
White	2,602	82.8%	72.0%	White	858	79.9%	77.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .466 not sig.			
Odds ratio Exp(B) ⁷ : .532* sig.				Odds ratio Exp(B) ⁷ : .895 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	85.9%	3.3%	7.2%	3.6%	NW	0	N/A
Hispanic	84.5%	2.8%	9.6%	3.2%	White	5	N/A
White	95.2%	1.3%	2.7%	0.8%			
Other	94.3%	3.2%	1.9%	0.6%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WALTHAM POLICE DEPARTMENT**

Total Citations ¹ : 3,916	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	39.3%	Citations per 1000	
	Passing through:	60.7%	18 + residents:	72.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,329)				ITP Stops ³ (N = 1,268)			
Mean age				Mean age			
40.42				39.46			
Gender %				Gender %			
Female 40.9%				Female 39.3%			
Male 59.0%				Male 60.4%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ 1.9%			
AA/Black 12.4%				AA/Black 12.3%			
Hispanic 8.7%				Hispanic 8.8%			
White 71.0%				White 70.3%			
Other 7.9%				Other 8.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.4%	7.1%	5.3%	AA/Black	12.4%	14.5%	-2.1%
Hispanic	8.7%	13.6%	-4.9%	Hispanic	8.7%	15.2%	-6.5%
White	71.0%	65.9%	5.1%	White	71.0%	65.1%	5.9%
Other	7.9%	15.9%	-8.0%	Other	7.9%	5.2%	2.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	902	27.2%	40.8%	NW	351	28.2%	37.7%
White	2,209	72.8%	59.2%	White	818	71.8%	62.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .006* sig.			
Odds ratio Exp(B) ⁷ : .521* sig.				Odds ratio Exp(B) ⁷ : .544* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.1%	7.3%	10.7%	0.8%	NW	7	N/A
Hispanic	66.0%	12.0%	19.2%	2.8%	White	6	N/A
White	87.2%	6.9%	5.3%	0.6%			
Other	88.3%	7.9%	3.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WARE POLICE DEPARTMENT**

Total Citations ¹ : 308	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	46.3%	Citations per 1000	
	Passing through:	53.7%	18 + residents:	39.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 283)				ITP Stops ³ (N = 114)			
Mean age				Mean age			
35.75				36.99			
Gender %				Gender %			
Female 33.8%				Female 40.4%			
Male 66.2%				Male 59.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 8.5%				Race % Mis/Unk ⁴ 7.0%			
AA/Black 10.8%				AA/Black 13.2%			
Hispanic 6.6%				Hispanic 2.8%			
White 82.6%				White 84.0%			
Other 0.0%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.8%	1.3%	9.5%	AA/Black	10.8%	14.5%	-3.7%
Hispanic	6.6%	7.7%	-1.1%	Hispanic	6.6%	15.2%	-8.6%
White	82.6%	89.3%	-6.7%	White	82.6%	65.1%	17.5%
Other	0.0%	2.6%	-2.6%	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	14.7%	20.5%	NW	15	9.4%	22.7%
White	200	85.3%	79.5%	White	82	90.6%	77.3%
Chi-square, X-tab ⁶ : .235 not sig.				Chi-square, X-tab ⁶ : .071 not sig.			
Odds ratio Exp(B) ⁷ : .623 not sig.				Odds ratio Exp(B) ⁷ : .195* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	24.1%	24.1%	37.9%	13.8%	NW	0	
Hispanic	5.9%	11.8%	58.8%	23.5%	White	1	
White	27.8%	21.9%	30.4%	19.8%			
Other	0.0%	0.0%	0.0%	0.0%			
Chi-square, X-tab ⁶ : .195 not sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WAREHAM POLICE DEPARTMENT**

Total Citations ¹ : 601	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	18.6%	Citations per 1000	
	Passing through:	81.4%	18 + residents:	32.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 512)				ITP Stops ³ (N = 155)			
Mean age				Mean age			
38.87				37.06			
Gender %				Gender %			
Female 36.3%				Female 36.1%			
Male 63.7%				Male 63.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.0%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 16.8%				AA/Black 14.4%			
Hispanic 1.8%				Hispanic 2.0%			
White 81.3%				White 83.7%			
Other 0.2%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.8%	2.7%	14.1%	AA/Black	16.8%	14.5%	2.3%
Hispanic	1.8%	3.6%	-1.8%	Hispanic	1.8%	15.2%	-13.4%
White	81.3%	84.5%	-3.2%	White	81.3%	65.1%	16.2%
Other	0.2%	6.3%	-6.1%	Other	0.2%	5.2%	-5.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	89	17.6%	21.8%	NW	22	18.7%	10.6%
White	382	82.4%	78.2%	White	116	81.3%	89.4%
Chi-square, X-tab ⁶ : .285 not sig.				Chi-square, X-tab ⁶ : .221 not sig.			
Odds ratio Exp(B) ⁷ : .724 not sig.				Odds ratio Exp(B) ⁷ : .929 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	45.7%	13.8%	31.9%	8.5%	NW	6	N/A
Hispanic	27.3%	18.2%	45.5%	9.1%	White	11	N/A
White	49.2%	10.2%	30.7%	10.0%			
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .753 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WARREN POLICE DEPARTMENT**

Total Citations ¹ : 1,036	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.2%	Citations per 1000	
	Passing through:	78.8%	18 + residents:	256.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,022)				ITP Stops ³ (N = 494)			
Mean age				Mean age			
36.47				35.13			
Gender %				Gender %			
Female 36.7%				Female 35.0%			
Male 62.3%				Male 65.0%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 5.3%				AA/Black 5.8%			
Hispanic 5.3%				Hispanic 6.8%			
White 88.9%				White 87.4%			
Other 0.5%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	5.3%	0.6%	4.7%	AA/Black	5.3%	14.5% -9.2%
Hispanic	5.3%	1.2%	4.1%	Hispanic	5.3%	15.2% -9.9%
White	88.9%	95.6%	-6.7%	White	88.9%	65.1% 23.8%
Other	0.5%	2.5%	-2.0%	Other	0.5%	5.2% -4.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	103	9.5%	13.8%	NW	54	11.6%	14.0%
White	809	90.5%	86.2%	White	373	88.4%	86.0%
Chi-square, X-tab ⁶ :		.043*	sig.	Chi-square, X-tab ⁶ :		.467	not sig.
Odds ratio Exp(B) ⁷ :		.729	not sig.	Odds ratio Exp(B) ⁷ :		1.146	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	83.3%	5.6%	11.1%	0.0%	NW	0	N/A
Hispanic	74.1%	16.7%	9.3%	0.0%	White	3	N/A
White	82.2%	9.0%	7.7%	1.1%			
Other	80.0%	0.0%	0.0%	20.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.004* sig.					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WATERTOWN POLICE DEPARTMENT**

Total Citations ¹ : 2,121	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	18.1%	Citations per 1000	
	Passing through:	81.9%	18 + residents:	69.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,969)				ITP Stops ³ (N = 1,130)			
Mean age				Mean age			
39.9				39.83			
Gender %				Gender %			
Female 36.0%				Female 36.0%			
Male 63.9%				Male 63.9%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 3.6%				Race % Mis/Unk ⁴ 0.6%			
AA/Black 14.4%				AA/Black 14.9%			
Hispanic 13.6%				Hispanic 12.8%			
White 59.0%				White 59.4%			
Other 13.0%				Other 12.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.4%	1.6%	12.8%	AA/Black	14.4%	14.5%	-0.1%
Hispanic	13.6%	9.2%	4.4%	Hispanic	13.6%	15.2%	-1.6%
White	59.0%	76.4%	-17.4%	White	59.0%	65.1%	-6.1%
Other	13.0%	12.7%	0.3%	Other	13.0%	5.2%	7.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	719	39.4%	44.5%	NW	403	41.4%	37.6%
White	1,044	60.6%	55.5%	White	602	58.6%	62.4%
Chi-square, X-tab ⁶ : .054 not sig.				Chi-square, X-tab ⁶ : .245 not sig.			
Odds ratio Exp(B) ⁷ : .880 not sig.				Odds ratio Exp(B) ⁷ : 1.288 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	46.4%	40.9%	11.3%	1.4%	NW	0	N/A
Hispanic	38.7%	44.3%	14.2%	2.8%	White	0	N/A
White	53.9%	38.7%	6.1%	1.3%			
Other	47.7%	47.3%	5.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WAYLAND POLICE DEPARTMENT**

Total Citations ¹ : 706	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	22.2%	Citations per 1000	
	Passing through:	77.8%	18 + residents:	69.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 643)				ITP Stops ³ (N = 217)			
Mean age				Mean age			
43.13				39.53			
Gender %				Gender %			
Female 49.4%				Female 42.7%			
Male 50.5%				Male 57.3%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 5.8%				Race % Mis/Unk ⁴ 9.7%			
AA/Black 2.5%				AA/Black 4.1%			
Hispanic 13.9%				Hispanic 21.9%			
White 72.6%				White 62.2%			
Other 11.1%				Other 11.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.5%	0.7%	1.8%	AA/Black	2.5%	14.5%	-12.0%
Hispanic	13.9%	4.8%	9.1%	Hispanic	13.9%	15.2%	-1.3%
White	72.6%	79.6%	-7.0%	White	72.6%	65.1%	7.5%
Other	11.1%	15.0%	-3.9%	Other	11.1%	5.2%	5.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	155	23.9%	45.2%	NW	63	31.8%	48.9%
White	428	76.1%	54.8%	White	111	68.2%	51.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .040* sig.			
Odds ratio Exp(B) ⁷ : .324* sig.				Odds ratio Exp(B) ⁷ : .446 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.9%	10.5%	26.3%	5.3%	NW	1	N/A
Hispanic	41.2%	5.9%	44.1%	8.8%	White	0	N/A
White	84.4%	9.0%	5.1%	1.5%			
Other	86.1%	12.5%	1.4%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEBSTER POLICE DEPARTMENT**

Total Citations ¹ : 1,870	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	38.5%	Citations per 1000	
	Passing through:	61.5%	18 + residents:	138.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,781)				ITP Stops ³ (N = 569)			
Mean age				Mean age			
37.43				37.09			
Gender %				Gender %			
Female 39.9%				Female 38.4%			
Male 60.1%				Male 61.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.9%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 9.3%				AA/Black 6.6%			
Hispanic 19.8%				Hispanic 20.7%			
White 68.5%				White 70.8%			
Other 2.4%				Other 2.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.3%	4.9%	4.4%	AA/Black	9.3%	14.5%	-5.2%
Hispanic	19.8%	12.1%	7.7%	Hispanic	19.8%	15.2%	4.6%
White	68.5%	80.0%	-11.5%	White	68.5%	65.1%	3.4%
Other	2.4%	4.1%	-1.7%	Other	2.4%	5.2%	-2.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	532	25.8%	38.0%	NW	145	31.9%	26.4%
White	1,145	74.2%	62.0%	White	352	68.1%	73.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .181 not sig.			
Odds ratio Exp(B) ⁷ : .586* sig.				Odds ratio Exp(B) ⁷ : 1.325 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	53.5%	4.7%	34.7%	7.1%	NW	0	N/A
Hispanic	51.4%	5.3%	40.2%	3.1%	White	1	N/A
White	69.1%	4.0%	22.2%	4.7%			
Other	81.4%	0.0%	16.3%	2.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WELLESLEY POLICE DEPARTMENT**

Total Citations ¹ : 3,233	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.0%	Citations per 1000	
	Passing through:	81.0%	18 + residents:	150.4

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,057)				ITP Stops ³ (N = 1,316)			
Mean age				Mean age			
40.23				40.21			
Gender %				Gender %			
Female 38.6%				Female 38.6%			
Male 61.3%				Male 61.2%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 10.2%				AA/Black 8.4%			
Hispanic 6.7%				Hispanic 6.5%			
White 74.5%				White 76.4%			
Other 8.7%				Other 8.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	10.2%	2.9%	7.3%	AA/Black	10.2%	14.5% -4.3%
Hispanic	6.7%	5.1%	1.6%	Hispanic	6.7%	15.2% -8.5%
White	74.5%	76.6%	-2.1%	White	74.5%	65.1% 9.4%
Other	8.7%	15.9%	-7.2%	Other	8.7%	5.2% 3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	721	22.6%	34.0%	NW	271	18.6%	32.4%	White	897	81.4%	67.6%
White	2,107	77.4%	66.0%	Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>	Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>
		Odds ratio Exp(B) ⁷ :	.568* <i>sig.</i>			Odds ratio Exp(B) ⁷ :	.452* <i>sig.</i>				

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.9%	10.7%	9.1%	2.2%	NW	2	N/A
Hispanic	80.7%	12.1%	6.3%	1.0%	White	3	N/A
White	86.6%	10.0%	2.6%	0.9%			
Other	82.9%	15.6%	1.1%	0.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WELLFLEET POLICE DEPARTMENT**

Total Citations ¹ : 693	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	14.6%	Citations per 1000	
	Passing through:	85.4%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 673)				ITP Stops ³ (N = 221)			
Mean age				Mean age			
43.35				43.15			
Gender %				Gender %			
Female		35.7%		Female		30.3%	
Male		64.3%		Male		69.7%	
Non-binary		0.0%		Non-binary		0.0%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		3.4%				5.0%	
AA/Black		9.5%		AA/Black		9.5%	
Hispanic		3.7%		Hispanic		2.4%	
White		84.2%		White		85.7%	
Other		2.6%		Other		2.4%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.5%	N/A	N/A	AA/Black	9.5%	14.5%	-5.0%
Hispanic	3.7%	N/A	N/A	Hispanic	3.7%	15.2%	-11.5%
White	84.2%	N/A	N/A	White	84.2%	65.1%	19.1%
Other	2.6%	N/A	N/A	Other	2.6%	5.2%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	102	15.0%	22.5%	NW	29	14.5%	16.4%
White	522	85.0%	77.5%	White	164	85.5%	83.6%
Chi-square, X-tab ⁶ :		.052	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.743	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.625	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.954	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.5%	1.6%	14.3%	1.6%	NW	0	N/A
Hispanic	66.7%	20.8%	12.5%	0.0%	White	0	N/A
White	87.3%	4.4%	6.4%	1.9%			
Other	88.2%	5.9%	5.9%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.008* <i>sig.</i>					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WENHAM POLICE DEPARTMENT**

Total Citations ¹ : 259	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.6%	Citations per 1000	
	Passing through:	93.4%	18 + residents:	58.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 244)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
40.49				N/A			
Gender %				Gender %			
Female 43.2%				Female N/A			
Male 56.8%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ N/A			
AA/Black 7.2%				AA/Black N/A			
Hispanic 6.3%				Hispanic N/A			
White 85.7%				White N/A			
Other 0.8%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.2%	2.7%	4.5%	AA/Black	7.2%	14.5%	-7.3%
Hispanic	6.3%	5.4%	0.9%	Hispanic	6.3%	15.2%	-8.9%
White	85.7%	87.8%	-2.1%	White	85.7%	65.1%	20.6%
Other	0.8%	4.5%	-3.7%	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		N/A	N/A	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		N/A	N/A	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	29.4%	17.6%	52.9%	0.0%	NW	0	
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 ⁶ : .023* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST BOYLSTON POLICE DEPARTMENT**

Total Citations ¹ : 222	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.6%	Citations per 1000	
	Passing through:	86.4%	18 + residents:	31.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 206)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
37.93				N/A			
Gender %				Gender %			
Female		41.7%		Female		N/A	
Male		58.3%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		5.3%				N/A	
AA/Black		8.2%		AA/Black		N/A	
Hispanic		13.8%		Hispanic		N/A	
White		73.3%		White		N/A	
Other		4.6%		Other		N/A	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.2%	6.3%	1.9%	AA/Black	8.2%	14.5%	-6.3%
Hispanic	13.8%	12.3%	1.5%	Hispanic	13.8%	15.2%	-1.4%
White	73.3%	79.4%	-6.1%	White	73.3%	65.1%	8.2%
Other	4.6%	3.9%	0.7%	Other	4.6%	5.2%	-0.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	23.2%	44.4%	NW	N/A	N/A	N/A
White	134	76.8%	55.6%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.021*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.390*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	50.0%	20.0%	15.0%	15.0%	NW	2	
Hispanic	66.7%	13.3%	13.3%	6.7%	White	0	
White	78.3%	7.9%	13.8%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-square, X-tab ⁶ :		.001*	sig.			Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST BRIDGEWATER POLICE DEPARTMENT**

Total Citations ¹ : 2,182	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	5.5%	Citations per 1000	
	Passing through:	94.5%	18 + residents:	379.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,115)				ITP Stops ³ (N = 722)			
Mean age				Mean age			
36.08				36.14			
Gender %				Gender %			
Female 39.8%				Female 39.4%			
Male 60.2%				Male 60.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.8%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 30.5%				AA/Black 29.0%			
Hispanic 10.2%				Hispanic 10.0%			
White 57.3%				White 59.1%			
Other 2.0%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	30.5%	1.8%	28.7%	AA/Black	30.5%	14.5%	16.0%
Hispanic	10.2%	3.1%	7.1%	Hispanic	10.2%	15.2%	-5.0%
White	57.3%	92.8%	-35.5%	White	57.3%	65.1%	-7.8%
Other	2.0%	2.3%	-0.3%	Other	2.0%	5.2%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	860	42.4%	42.5%	NW	258	39.6%	40.0%
White	1,168	57.6%	57.5%	White	392	60.4%	60.0%
Chi-square, X-tab ⁶ :		.958	not sig.	Chi-square, X-tab ⁶ :		.947	not sig.
Odds ratio Exp(B) ⁷ :		1.157	not sig.	Odds ratio Exp(B) ⁷ :		.955	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.5%	18.2%	19.6%	0.7%	NW	67	52.8%
Hispanic	54.7%	24.2%	20.2%	0.9%	White	60	47.2%
White	75.0%	15.8%	8.3%	0.9%			
Other	65.9%	26.8%	7.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST BROOKFIELD POLICE DEPARTMENT**

Total Citations ¹ : 159	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	19.5%	Citations per 1000	
	Passing through:	80.5%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 154)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
35.78				N/A			
Gender %				Gender %			
Female 33.1%				Female N/A			
Male 66.2%				Male N/A			
Non-binary 0.6%				Non-binary N/A			
Race % Mis/Unk ⁴ 0.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 2.6%				AA/Black N/A			
Hispanic 4.5%				Hispanic N/A			
White 92.9%				White N/A			
Other 0.0%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.6%	N/A	N/A	AA/Black	2.6%	14.5%	-11.9%
Hispanic	4.5%	N/A	N/A	Hispanic	4.5%	15.2%	-10.7%
White	92.9%	N/A	N/A	White	92.9%	65.1%	27.8%
Other	0.0%	N/A	N/A	Other	0.0%	5.2%	-5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	11	5.8%	12.2%	NW	N/A	N/A	N/A
White	133	94.2%	87.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.194	<i>not sig.</i>	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.385	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	16.7%	16.7%	33.3%	33.3%	NW	1
Hispanic	57.1%	14.3%	14.3%	14.3%	White	3
White	62.3%	21.2%	13.0%	3.4%		
Other	0.0%	0.0%	0.0%	0.0%		
Chi-square, X-tab ⁶ :		.017*	<i>sig.</i>			
					Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST NEWBURY POLICE DEPARTMENT**

Total Citations ¹ : 406	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.0%	Citations per 1000	
	Passing through:	80.0%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 395)				ITP Stops ³ (N = 192)			
Mean age				Mean age			
37.65				37.5			
Gender %				Gender %			
Female 35.6%				Female 38.2%			
Male 64.4%				Male 61.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.5%				Race % Mis/Unk ⁴ 3.1%			
AA/Black 2.6%				AA/Black 2.7%			
Hispanic 11.0%				Hispanic 10.2%			
White 85.3%				White 85.5%			
Other 1.0%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	2.6%	N/A	N/A	AA/Black	2.6%	14.5%	-11.9%
Hispanic	11.0%	N/A	N/A	Hispanic	11.0%	15.2%	-4.2%
White	85.3%	N/A	N/A	White	85.3%	65.1%	20.2%
Other	1.0%	N/A	N/A	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	14.5%	16.0%	NW	25	13.3%	16.4%
White	298	85.5%	84.0%	White	146	86.7%	83.6%
Chi-square, X-tab ⁶ :		.703	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.561	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.846	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.686	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	36.4%	45.5%	18.2%	0.0%	NW	0	N/A
Hispanic	46.5%	37.2%	16.3%	0.0%	White	0	N/A
White	61.4%	23.7%	12.6%	2.4%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.240	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST SPRINGFIELD POLICE DEPARTMENT**

Total Citations ¹ : 669	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	28.0%	Citations per 1000	
	Passing through:	72.0%	18 + residents:	29.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 618)				ITP Stops ³ (N = 183)			
Mean age				Mean age			
35.18				33.85			
Gender %				Gender %			
Female		37.7%		Female		40.4%	
Male		61.9%		Male		59.6%	
Non-binary		0.3%		Non-binary		0.0%	
Race % Mis/Unk ⁴ 10.4%				Race % Mis/Unk ⁴ 1.1%			
AA/Black		16.1%		AA/Black		16.6%	
Hispanic		8.5%		Hispanic		12.7%	
White		72.7%		White		67.4%	
Other		2.7%		Other		3.3%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.1%	3.2%	12.9%	AA/Black	16.1%	14.5%	1.6%
Hispanic	8.5%	10.6%	-2.1%	Hispanic	8.5%	15.2%	-6.7%
White	72.7%	79.6%	-6.9%	White	72.7%	65.1%	7.6%
Other	2.7%	7.5%	-4.8%	Other	2.7%	5.2%	-2.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	118	26.4%	27.6%	NW	53	36.5%	27.3%
White	322	73.6%	72.4%	White	109	63.5%	72.7%
Chi-square, X-tab ⁶ :		.774	not sig.	Chi-square, X-tab ⁶ :		.221	not sig.
Odds ratio Exp(B) ⁷ :		.916	not sig.	Odds ratio Exp(B) ⁷ :		1.029	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	48.9%	21.3%	29.8%	0.0%	NW	0	N/A
Hispanic	71.2%	25.0%	3.8%	0.0%	White	0	N/A
White	64.1%	14.5%	21.4%	0.0%			
Other	47.1%	17.6%	35.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.002*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST STOCKBRIDGE POLICE DEPARTMENT**

Total Citations ¹ : 117	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	9.6%	Citations per 1000	
	Passing through:	90.4%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 115)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
46.91				N/A			
Gender %				Gender %			
Female 44.2%				Female N/A			
Male 55.8%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 3.5%				Race % Mis/Unk ⁴ N/A			
AA/Black 9.0%				AA/Black N/A			
Hispanic 6.3%				Hispanic N/A			
White 81.1%				White N/A			
Other 3.6%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.0%	N/A	N/A	AA/Black	9.0%	14.5%	-5.5%
Hispanic	6.3%	N/A	N/A	Hispanic	6.3%	15.2%	-8.9%
White	81.1%	N/A	N/A	White	81.1%	65.1%	16.0%
Other	3.6%	N/A	N/A	Other	3.6%	5.2%	-1.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	15.1%	27.3%	NW	N/A	N/A	N/A
White	78	84.9%	72.7%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.190	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.475	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	90.0%	0.0%	10.0%	0.0%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	0	N/A
White	81.5%	5.4%	12.0%	1.1%			
Other	75.0%	0.0%	25.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.956	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTBOROUGH POLICE DEPARTMENT**

Total Citations ¹ : 4,869	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.2%	Citations per 1000	
	Passing through:	79.8%	18 + residents:	342.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,765)				ITP Stops ³ (N = 1,591)			
Mean age				Mean age			
40.08				39.8			
Gender %				Gender %			
Female 37.3%				Female 37.4%			
Male 62.6%				Male 62.6%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 0.5%				Race % Mis/Unk ⁴ 0.6%			
AA/Black 11.4%				AA/Black 9.0%			
Hispanic 12.2%				Hispanic 12.0%			
White 64.1%				White 65.5%			
Other 12.3%				Other 13.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	11.4%	1.9%	9.5%	AA/Black	11.4%	14.5% -3.1%
Hispanic	12.2%	6.2%	6.0%	Hispanic	12.2%	15.2% -3.0%
White	64.1%	65.0%	-0.9%	White	64.1%	65.1% -1.0%
Other	12.3%	27.0%	-14.7%	Other	12.3%	5.2% 7.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,640	29.5%	46.8%	NW	482	33.8%	35.9%	White	915	66.2%	64.1%
White	2,914	70.5%	53.2%	Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.439	not sig.
				Odds ratio Exp(B) ⁷ :		.461*	sig.	Odds ratio Exp(B) ⁷ :		.709*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	86.0%	3.4%	9.0%	1.6%	NW	76	40.0%
Hispanic	77.2%	4.0%	15.4%	3.4%	White	114	60.0%
White	92.0%	3.6%	3.2%	1.3%			
Other	94.1%	3.2%	1.8%	0.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTFIELD POLICE DEPARTMENT**

Total Citations ¹ : 2,005	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	41.3%	Citations per 1000	
	Passing through:	58.7%	18 + residents:	59.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,630)				ITP Stops ³ (N = 602)			
Mean age				Mean age			
35.44				34.83			
Gender %				Gender %			
Female 38.7%				Female 36.5%			
Male 61.3%				Male 63.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.7%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 6.6%				AA/Black 5.4%			
Hispanic 13.0%				Hispanic 14.1%			
White 78.3%				White 78.2%			
Other 2.2%				Other 2.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.6%	1.6%	5.0%	AA/Black	6.6%	14.5%	-7.9%
Hispanic	13.0%	9.5%	3.5%	Hispanic	13.0%	15.2%	-2.2%
White	78.3%	85.0%	-6.7%	White	78.3%	65.1%	13.2%
Other	2.2%	4.3%	-2.1%	Other	2.2%	5.2%	-3.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	339	18.8%	30.3%	NW	119	22.6%	19.7%
White	1,212	81.2%	69.7%	White	424	77.4%	80.3%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.496	not sig.
Odds ratio Exp(B) ⁷ :		.506*	sig.	Odds ratio Exp(B) ⁷ :		1.081	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.9%	25.8%	3.2%	4.0%	NW	1	N/A
Hispanic	64.8%	23.5%	8.9%	2.8%	White	8	N/A
White	77.2%	16.1%	3.9%	2.7%			
Other	73.3%	24.4%	2.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTFORD POLICE DEPARTMENT**

Total Citations ¹ : 3,535	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	32.4%	Citations per 1000	
	Passing through:	67.6%	18 + residents:	193.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,351)				ITP Stops ³ (N = 1,396)			
Mean age				Mean age			
38.84				39.22			
Gender %				Gender %			
Female 35.1%				Female 34.5%			
Male 64.9%				Male 65.5%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 6.1%				AA/Black 5.1%			
Hispanic 6.0%				Hispanic 5.4%			
White 76.0%				White 75.1%			
Other 11.9%				Other 14.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.1%	0.9%	5.2%	AA/Black	6.1%	14.5%	-8.4%
Hispanic	6.0%	1.5%	4.5%	Hispanic	6.0%	15.2%	-9.2%
White	76.0%	76.1%	-0.1%	White	76.0%	65.1%	10.9%
Other	11.9%	21.6%	-9.7%	Other	11.9%	5.2%	6.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	756	23.6%	24.8%	NW	306	25.6%	23.4%
White	2,398	76.4%	75.2%	White	932	74.4%	76.6%
Chi-square, X-tab ⁶ : .458 not sig.				Chi-square, X-tab ⁶ : .379 not sig.			
Odds ratio Exp(B) ⁷ : .932 not sig.				Odds ratio Exp(B) ⁷ : 1.314 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.4%	24.5%	14.2%	0.9%	NW	0	N/A
Hispanic	51.7%	35.1%	11.8%	1.4%	White	1	N/A
White	70.6%	23.9%	4.1%	1.4%			
Other	69.1%	27.7%	2.9%	0.2%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTMINSTER POLICE DEPARTMENT**

Total Citations ¹ : 842	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	15.9%	Citations per 1000	
	Passing through:	84.1%	18 + residents:	133.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 817)				ITP Stops ³ (N = 313)			
Mean age				Mean age			
36.33				34.59			
Gender %				Gender %			
Female 43.8%				Female 39.9%			
Male 56.1%				Male 60.1%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.6%				Race % Mis/Unk ⁴ 3.2%			
AA/Black 5.8%				AA/Black 6.6%			
Hispanic 9.5%				Hispanic 9.2%			
White 82.7%				White 81.2%			
Other 2.0%				Other 3.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.8%	0.0%	5.8%	AA/Black	5.8%	14.5%	-8.7%
Hispanic	9.5%	3.3%	6.2%	Hispanic	9.5%	15.2%	-5.7%
White	82.7%	96.2%	-13.5%	White	82.7%	65.1%	17.6%
Other	2.0%	0.4%	1.6%	Other	2.0%	5.2%	-3.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	130	15.6%	20.8%	NW	49	16.0%	20.9%
White	636	84.4%	79.2%	White	229	84.0%	79.1%
Chi-square, X-tab ⁶ : .088 not sig.				Chi-square, X-tab ⁶ : .321 not sig.			
Odds ratio Exp(B) ⁷ : .673 not sig.				Odds ratio Exp(B) ⁷ : .695 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	76.1%	2.2%	17.4%	4.3%	NW	1	N/A
Hispanic	76.5%	3.7%	18.5%	1.2%	White	3	N/A
White	83.0%	6.1%	9.2%	1.8%			
Other	93.8%	6.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .103 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTON POLICE DEPARTMENT**

Total Citations ¹ : 2,155	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.6%	Citations per 1000	
	Passing through:	83.4%	18 + residents:	238.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,108)				ITP Stops ³ (N = 766)			
Mean age				Mean age			
41.4				41.26			
Gender %				Gender %			
Female 35.5%				Female 34.3%			
Male 64.4%				Male 65.6%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 4.0%				Race % Mis/Unk ⁴ 2.9%			
AA/Black 7.6%				AA/Black 6.6%			
Hispanic 9.7%				Hispanic 8.1%			
White 71.9%				White 73.1%			
Other 10.8%				Other 12.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.6%	1.9%	5.7%	AA/Black	7.6%	14.5%	-6.9%
Hispanic	9.7%	3.8%	5.9%	Hispanic	9.7%	15.2%	-5.5%
White	71.9%	76.4%	-4.5%	White	71.9%	65.1%	6.8%
Other	10.8%	16.9%	-6.1%	Other	10.8%	5.2%	5.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	532	25.7%	35.3%	NW	179	23.4%	37.9%
White	1,380	74.3%	64.7%	White	496	76.6%	62.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .652* sig.				Odds ratio Exp(B) ⁷ : .533* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.8%	13.3%	12.7%	1.3%	NW	0	N/A
Hispanic	58.7%	19.7%	19.7%	1.9%	White	4	N/A
White	81.3%	14.6%	3.2%	0.9%			
Other	77.6%	20.1%	2.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTPORT POLICE DEPARTMENT**

Total Citations ¹ : 1,500	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	34.6%	Citations per 1000	
	Passing through:	65.4%	18 + residents:	113.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,417)				ITP Stops ³ (N = 398)			
Mean age				Mean age			
40.97				40.26			
Gender %				Gender %			
Female 42.5%				Female 34.5%			
Male 57.5%				Male 65.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 0.5%			
AA/Black 5.4%				AA/Black 4.3%			
Hispanic 2.9%				Hispanic 2.0%			
White 90.6%				White 92.2%			
Other 1.0%				Other 1.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.4%	0.1%	5.3%	AA/Black	5.4%	14.5%	-9.1%
Hispanic	2.9%	1.7%	1.2%	Hispanic	2.9%	15.2%	-12.3%
White	90.6%	97.0%	-6.4%	White	90.6%	65.1%	25.5%
Other	1.0%	1.4%	-0.4%	Other	1.0%	5.2%	-4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	124	7.6%	14.2%	NW	29	8.0%	8.2%
White	1,198	92.4%	85.8%	White	331	92.0%	91.8%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .963 not sig.			
Odds ratio Exp(B) ⁷ : .485* sig.				Odds ratio Exp(B) ⁷ : .781 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	62.5%	7.5%	27.5%	2.5%	NW	0
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 ⁶ : .000* sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTWOOD POLICE DEPARTMENT**

Total Citations ¹ : 2,638	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	11.1%	Citations per 1000	
	Passing through:	88.9%	18 + residents:	215.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,590)				ITP Stops ³ (N = 1,258)			
Mean age				Mean age			
38.98				38.68			
Gender %				Gender %			
Female 41.5%				Female 40.3%			
Male 58.4%				Male 59.6%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 4.2%				Race % Mis/Unk ⁴ 4.6%			
AA/Black 18.0%				AA/Black 18.8%			
Hispanic 9.0%				Hispanic 9.9%			
White 64.7%				White 62.7%			
Other 8.3%				Other 8.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.0%	0.7%	17.3%	AA/Black	18.0%	14.5%	3.5%
Hispanic	9.0%	3.0%	6.0%	Hispanic	9.0%	15.2%	-6.2%
White	64.7%	84.4%	-19.7%	White	64.7%	65.1%	-0.4%
Other	8.3%	11.4%	-3.1%	Other	8.3%	5.2%	3.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	823	32.4%	40.4%	NW	399	37.2%	37.0%
White	1,521	67.6%	59.6%	White	675	62.8%	63.0%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .943 not sig.			
Odds ratio Exp(B) ⁷ : .714* sig.				Odds ratio Exp(B) ⁷ : 1.051 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.2%	7.9%	11.0%	0.9%	NW	1	N/A
Hispanic	77.6%	10.1%	10.1%	2.2%	White	1	N/A
White	89.2%	6.1%	4.0%	0.7%			
Other	89.8%	7.8%	1.9%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEYMOUTH POLICE DEPARTMENT**

Total Citations ¹ : 6,780	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	36.7%	Citations per 1000	
	Passing through:	63.3%	18 + residents:	143

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 6,480)				ITP Stops ³ (N = 2,038)			
Mean age				Mean age			
39.9				38.59			
Gender %				Gender %			
Female 40.9%				Female 39.6%			
Male 59.0%				Male 60.4%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.3%				Race % Mis/Unk ⁴ 4.5%			
AA/Black 11.2%				AA/Black 11.6%			
Hispanic 4.1%				Hispanic 4.8%			
White 81.0%				White 79.8%			
Other 3.8%				Other 3.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.2%	5.6%	5.6%	AA/Black	11.2%	14.5%	-3.3%
Hispanic	4.1%	3.8%	0.3%	Hispanic	4.1%	15.2%	-11.1%
White	81.0%	81.6%	-0.6%	White	81.0%	65.1%	15.9%
Other	3.8%	8.5%	-4.7%	Other	3.8%	5.2%	-1.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,125	15.9%	29.3%	NW	353	17.5%	24.7%
White	4,837	84.1%	70.7%	White	1,424	82.5%	75.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .445* sig.				Odds ratio Exp(B) ⁷ : .570* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.3%	5.2%	10.6%	2.9%	NW	5	N/A
Hispanic	61.9%	13.7%	20.3%	4.1%	White	3	N/A
White	90.0%	3.3%	5.2%	1.5%			
Other	93.8%	3.8%	2.1%	0.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WHATLEY POLICE DEPARTMENT**

Total Citations ¹ : 237	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	9.8%	Citations per 1000	
	Passing through:	90.2%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 234)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
42.41				N/A			
Gender %				Gender %			
Female 42.7%				Female N/A			
Male 57.3%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 0.0%				Race % Mis/Unk ⁴ N/A			
AA/Black 7.3%				AA/Black N/A			
Hispanic 4.3%				Hispanic N/A			
White 86.8%				White N/A			
Other 1.7%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.3%	N/A	N/A	AA/Black	7.3%	14.5%	-7.2%
Hispanic	4.3%	N/A	N/A	Hispanic	4.3%	15.2%	-10.9%
White	86.8%	N/A	N/A	White	86.8%	65.1%	21.7%
Other	1.7%	N/A	N/A	Other	1.7%	5.2%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	30	12.4%	16.4%	NW	N/A	N/A	N/A
White	192	87.6%	83.6%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .440 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .717 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.8%	29.4%	11.8%	0.0%	NW	0	N/A
Hispanic	60.0%	40.0%	0.0%	0.0%	White	1	N/A
White	67.0%	28.2%	3.9%	1.0%			
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .861 <i>not sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WHITMAN POLICE DEPARTMENT**

Total Citations ¹ : 365	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	25.2%	Citations per 1000	
	Passing through:	74.8%	18 + residents:	31.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 302)				ITP Stops ³ (N = 142)			
Mean age				Mean age			
33.48				32.61			
Gender %				Gender %			
Female 29.5%				Female 31.2%			
Male 70.5%				Male 68.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 2.1%			
AA/Black 17.1%				AA/Black 16.5%			
Hispanic 7.0%				Hispanic 5.0%			
White 75.5%				White 77.7%			
Other 0.3%				Other 0.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	17.1%	1.9%	15.2%	AA/Black	17.1%	14.5%	2.6%
Hispanic	7.0%	2.5%	4.5%	Hispanic	7.0%	15.2%	-8.2%
White	75.5%	91.7%	-16.2%	White	75.5%	65.1%	10.4%
Other	0.3%	3.5%	-3.2%	Other	0.3%	5.2%	-4.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	65	21.0%	32.2%	NW	25	18.0%	30.4%
White	198	79.0%	67.8%	White	98	82.0%	69.6%
Chi-square, X-tab ⁶ :		.048*	sig.	Chi-square, X-tab ⁶ :		.181	not sig.
Odds ratio Exp(B) ⁷ :		.620	not sig.	Odds ratio Exp(B) ⁷ :		.529	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	14.3%	55.6%	25.4%	4.8%	NW	0	N/A
Hispanic	3.6%	35.7%	60.7%	0.0%	White	0	N/A
White	18.6%	56.9%	20.4%	4.1%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.001*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILBRAHAM POLICE DEPARTMENT**

Total Citations ¹ : 1,854	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	23.5%	Citations per 1000	
	Passing through:	76.5%	18 + residents:	159.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,698)				ITP Stops ³ (N = 780)			
Mean age				Mean age			
38.79				38.9			
Gender %				Gender %			
Female		41.0%		Female		41.2%	
Male		59.0%		Male		58.8%	
Non-binary		0.0%		Non-binary		0.0%	
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ 2.6%			
AA/Black		10.9%		AA/Black		9.5%	
Hispanic		10.1%		Hispanic		10.1%	
White		77.4%		White		78.9%	
Other		1.5%		Other		1.4%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	10.9%	3.2%	7.7%	AA/Black	10.9%	14.5% -3.6%
Hispanic	10.1%	9.7%	0.4%	Hispanic	10.1%	15.2% -5.1%
White	77.4%	85.3%	-7.9%	White	77.4%	65.1% 12.3%
Other	1.5%	2.7%	-1.2%	Other	1.5%	5.2% -3.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	355	20.0%	29.1%	NW	150	20.9%	23.0%
White	1,170	80.0%	70.9%	White	541	79.1%	77.0%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.525	not sig.
Odds ratio Exp(B) ⁷ :		.647*	sig.	Odds ratio Exp(B) ⁷ :		.938	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.0%	2.5%	19.0%	6.5%	NW	9	N/A
Hispanic	77.0%	2.8%	16.3%	3.9%	White	9	N/A
White	88.5%	2.9%	6.4%	2.2%			
Other	82.1%	7.1%	7.1%	3.6%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILLIAMSBURG POLICE DEPARTMENT**

Total Citations ¹ : 147	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	6.8%	Citations per 1000	
	Passing through:	93.2%	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 133)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
41.3				N/A			
Gender %				Gender %			
Female 35.6%				Female N/A			
Male 64.4%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 6.8%				Race % Mis/Unk ⁴ N/A			
AA/Black 6.5%				AA/Black N/A			
Hispanic 7.3%				Hispanic N/A			
White 85.5%				White N/A			
Other 0.8%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.5%	N/A	N/A	AA/Black	6.5%	14.5%	-8.0%
Hispanic	7.3%	N/A	N/A	Hispanic	7.3%	15.2%	-7.9%
White	85.5%	N/A	N/A	White	85.5%	65.1%	20.4%
Other	0.8%	N/A	N/A	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	15	9.6%	27.3%	NW	N/A	N/A	N/A
White	101	90.4%	72.7%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.026*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.302	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	40.0%	10.0%	20.0%	30.0%	NW	2	
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 ⁶ :		.000*	sig.			Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILLIAMSTOWN POLICE DEPARTMENT**

Total Citations ¹ : 355	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.5%	Citations per 1000	
	Passing through:	82.5%	18 + residents:	55.9

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 308)				ITP Stops ³ (N = 148)			
Mean age				Mean age			
37.13				35.37			
Gender %				Gender %			
Female 37.8%				Female 37.8%			
Male 62.2%				Male 62.2%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.6%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 6.9%				AA/Black 5.4%			
Hispanic 1.3%				Hispanic 0.7%			
White 90.5%				White 91.2%			
Other 1.3%				Other 2.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	6.9%	5.1%	1.8%	AA/Black	6.9%	14.5% -7.6%
Hispanic	1.3%	6.1%	-4.8%	Hispanic	1.3%	15.2% -13.9%
White	90.5%	79.1%	11.4%	White	90.5%	65.1% 25.4%
Other	1.3%	11.6%	-10.3%	Other	1.3%	5.2% -3.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	8.7%	11.6%	NW	N/A	N/A	N/A
White	250	91.3%	88.4%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.475	not sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.709	not sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	79.2%	16.7%	4.2%	0.0%	NW	0	N/A
Hispanic	75.0%	0.0%	25.0%	0.0%	White	1	N/A
White	65.4%	20.2%	11.5%	2.8%			
Other	25.0%	75.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.232	not sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILMINGTON POLICE DEPARTMENT**

Total Citations ¹ : 3,549	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	29.2%	Citations per 1000	
	Passing through:	70.8%	18 + residents:	192.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,497)				ITP Stops ³ (N = 1,166)			
Mean age				Mean age			
40.87				39.76			
Gender %				Gender %			
Female 40.2%				Female 39.6%			
Male 59.8%				Male 60.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 3.1%			
AA/Black 5.9%				AA/Black 5.1%			
Hispanic 8.1%				Hispanic 9.1%			
White 80.3%				White 79.4%			
Other 5.6%				Other 6.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	5.9%	4.1%	1.8%	AA/Black	5.9%	14.5%	-8.6%
Hispanic	8.1%	1.0%	7.1%	Hispanic	8.1%	15.2%	-7.1%
White	80.3%	87.0%	-6.7%	White	80.3%	65.1%	15.2%
Other	5.6%	7.9%	-2.3%	Other	5.6%	5.2%	0.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	639	17.1%	28.9%	NW	207	18.8%	23.5%
White	2,610	82.9%	71.1%	White	803	81.2%	76.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .077 not sig.			
Odds ratio Exp(B) ⁷ : .511* sig.				Odds ratio Exp(B) ⁷ : .700 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.5%	11.7%	9.8%	0.0%	NW	1	N/A
Hispanic	74.6%	13.2%	9.1%	3.1%	White	2	N/A
White	85.3%	9.5%	4.1%	1.1%			
Other	88.7%	8.7%	2.6%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WINCHENDON POLICE DEPARTMENT**

Total Citations ¹ : 478	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	40.2%	Citations per 1000	
	Passing through:	59.8%	18 + residents:	57.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 423)				ITP Stops ³ (N = 193)			
Mean age				Mean age			
34.6				34.93			
Gender %				Gender %			
Female 35.4%				Female 37.0%			
Male 64.6%				Male 63.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.0%				Race % Mis/Unk ⁴ 5.2%			
AA/Black 3.0%				AA/Black 2.7%			
Hispanic 7.9%				Hispanic 8.7%			
White 87.9%				White 88.0%			
Other 1.2%				Other 0.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	3.0%	1.2%	1.8%	AA/Black	3.0%	14.5%	-11.5%
Hispanic	7.9%	3.2%	4.7%	Hispanic	7.9%	15.2%	-7.3%
White	87.9%	90.8%	-2.9%	White	87.9%	65.1%	22.8%
Other	1.2%	5.1%	-3.9%	Other	1.2%	5.2%	-4.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	44	11.2%	12.1%	NW	17	10.4%	11.3%
White	333	88.8%	87.9%	White	141	89.6%	88.7%
Chi-square, X-tab ⁶ : .803 not sig.				Chi-square, X-tab ⁶ : .863 not sig.			
Odds ratio Exp(B) ⁷ : .925 not sig.				Odds ratio Exp(B) ⁷ : .898 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	35.7%	21.4%	35.7%	7.1%	NW	0	N/A
Hispanic	40.0%	25.7%	31.4%	2.9%	White	6	N/A
White	50.5%	16.3%	31.2%	2.0%			
Other	66.7%	16.7%	16.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .763 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WINCHESTER POLICE DEPARTMENT**

Total Citations ¹ : 493	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	38.7%	Citations per 1000	
	Passing through:	61.3%	18 + residents:	30.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 411)				ITP Stops ³ (N = 186)			
Mean age				Mean age			
41.71				40.32			
Gender %				Gender %			
Female 46.9%				Female 43.5%			
Male 53.1%				Male 56.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 8.0%				Race % Mis/Unk ⁴ 5.4%			
AA/Black 4.5%				AA/Black 4.5%			
Hispanic 6.1%				Hispanic 4.5%			
White 73.8%				White 75.6%			
Other 15.6%				Other 15.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.5%	0.3%	4.2%	AA/Black	4.5%	14.5%	-10.0%
Hispanic	6.1%	2.1%	4.0%	Hispanic	6.1%	15.2%	-9.1%
White	73.8%	79.5%	-5.7%	White	73.8%	65.1%	8.7%
Other	15.6%	17.3%	-1.7%	Other	15.6%	5.2%	10.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	91	26.3%	29.8%	NW	43	26.0%	28.9%
White	247	73.7%	70.2%	White	118	74.0%	71.1%
Chi-square, X-tab ⁶ :		.588	not sig.	Chi-square, X-tab ⁶ :		.721	not sig.
Odds ratio Exp(B) ⁷ :		.749	not sig.	Odds ratio Exp(B) ⁷ :		.922	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	89.5%	0.0%	5.3%	5.3%	NW	1
Hispanic	51.5%	6.1%	39.4%	3.0%	White	1
White	81.8%	8.7%	6.9%	2.7%		
Other	81.8%	12.1%	6.1%	0.0%	Counts	Percent
Chi-square, X-tab ⁶ :		.000*		sig.		

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WINTHROP POLICE DEPARTMENT**

Total Citations ¹ : 518	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	47.4%	Citations per 1000	
	Passing through:	52.6%	18 + residents:	34.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 500)				ITP Stops ³ (N = 133)			
Mean age				Mean age			
38.04				39.52			
Gender %				Gender %			
Female 29.7%				Female 28.9%			
Male 70.3%				Male 71.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.8%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 6.4%				AA/Black 4.5%			
Hispanic 14.2%				Hispanic 10.6%			
White 74.1%				White 84.1%			
Other 5.3%				Other 0.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.4%	2.2%	4.2%	AA/Black	6.4%	14.5%	-8.1%
Hispanic	14.2%	9.5%	4.7%	Hispanic	14.2%	15.2%	-1.0%
White	74.1%	86.5%	-12.4%	White	74.1%	65.1%	9.0%
Other	5.3%	3.2%	2.1%	Other	5.3%	5.2%	0.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	125	18.9%	34.8%	NW	20	14.1%	18.6%
White	350	81.1%	65.2%	White	103	85.9%	81.4%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .491 not sig.			
Odds ratio Exp(B) ⁷ : .387* sig.				Odds ratio Exp(B) ⁷ : .320 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.5%	21.2%	15.2%	9.1%	NW	0	N/A
Hispanic	54.3%	10.0%	28.6%	7.1%	White	1	N/A
White	66.0%	15.8%	15.3%	2.9%			
Other	85.2%	11.1%	3.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .011* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WOBURN POLICE DEPARTMENT**

Total Citations ¹ : 2,645	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	38.7%	Citations per 1000	
	Passing through:	61.3%	18 + residents:	81.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,523)				ITP Stops ³ (N = 1,154)			
Mean age				Mean age			
41.47				41.43			
Gender %				Gender %			
Female 44.4%				Female 44.4%			
Male 55.5%				Male 55.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.9%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 6.6%				AA/Black 5.8%			
Hispanic 8.6%				Hispanic 8.4%			
White 76.1%				White 75.9%			
Other 8.7%				Other 9.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.6%	5.9%	0.7%	AA/Black	6.6%	14.5%	-7.9%
Hispanic	8.6%	4.6%	4.0%	Hispanic	8.6%	15.2%	-6.6%
White	76.1%	77.4%	-1.3%	White	76.1%	65.1%	11.0%
Other	8.7%	11.4%	-2.7%	Other	8.7%	5.2%	3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	540	22.8%	32.3%	NW	244	22.6%	29.2%
White	1,730	77.2%	67.7%	White	799	77.4%	70.8%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .112 not sig.			
Odds ratio Exp(B) ⁷ : .607* sig.				Odds ratio Exp(B) ⁷ : .656 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.1%	9.8%	6.4%	1.7%	NW	2	N/A
Hispanic	70.0%	14.8%	13.5%	1.8%	White	7	N/A
White	89.2%	7.1%	3.2%	0.4%			
Other	89.1%	10.4%	0.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WORCESTER POLICE DEPARTMENT**

Total Citations ¹ : 2,283	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	62.1%	Citations per 1000	
	Passing through:	37.9%	18 + residents:	15.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,986)				ITP Stops ³ (N = 989)			
Mean age				Mean age			
37.16				36.56			
Gender %				Gender %			
Female 39.2%				Female 41.9%			
Male 60.7%				Male 58.1%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 10.2%				Race % Mis/Unk ⁴ 5.9%			
AA/Black 15.6%				AA/Black 15.0%			
Hispanic 24.5%				Hispanic 22.6%			
White 55.1%				White 55.7%			
Other 4.8%				Other 6.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.6%	13.3%	2.3%	AA/Black	15.6%	14.5%	1.1%
Hispanic	24.5%	21.9%	2.6%	Hispanic	24.5%	15.2%	9.3%
White	55.1%	55.2%	-0.1%	White	55.1%	65.1%	-10.0%
Other	4.8%	12.1%	-7.3%	Other	4.8%	5.2%	-0.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	715	43.4%	62.0%	NW	387	42.9%	56.9%
White	873	56.6%	38.0%	White	493	57.1%	43.1%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .029* sig.			
Odds ratio Exp(B) ⁷ : .509* sig.				Odds ratio Exp(B) ⁷ : .527* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	51.3%	23.6%	18.5%	6.7%	NW	3	
Hispanic	38.5%	26.6%	20.8%	14.1%	White	4	
White	60.3%	24.4%	11.2%	4.1%			
Other	81.3%	13.2%	3.3%	2.2%			
Chi-square, X-tab ⁶ : .000* sig.						Counts	Percent

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WRENTHAM POLICE DEPARTMENT

Total Citations ¹ : 2,561	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	20.2%	Citations per 1000	
	Passing through:	79.8%	18 + residents:	280.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,522)				ITP Stops ³ (N = 1,089)			
Mean age				Mean age			
39.99				39.39			
Gender %				Gender %			
Female 41.3%				Female 40.3%			
Male 58.7%				Male 59.7%			
Non-binary 0.0%				Non-binary 0.0%			
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
		8.5%				7.8%	
AA/Black		8.6%		AA/Black		8.0%	
Hispanic		6.2%		Hispanic		7.8%	
White		82.1%		White		81.3%	
Other		3.0%		Other		3.0%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.6%	2.9%	5.7%	AA/Black	8.6%	14.5%	-5.9%
Hispanic	6.2%	2.9%	3.3%	Hispanic	6.2%	15.2%	-9.0%
White	82.1%	92.7%	-10.6%	White	82.1%	65.1%	17.0%
Other	3.0%	1.5%	1.5%	Other	3.0%	5.2%	-2.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	381	16.7%	20.6%	NW	159	23.7%	8.2%
White	1,766	83.3%	79.4%	White	688	76.3%	91.8%
Chi-square, X-tab ⁶ :		.031*	sig.	Chi-square, X-tab ⁶ :		.000*	sig.
Odds ratio Exp(B) ⁷ :		.691*	sig.	Odds ratio Exp(B) ⁷ :		3.569*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	88.2%	4.9%	6.4%	0.5%	NW	0	N/A
Hispanic	72.6%	9.6%	15.8%	2.1%	White	0	N/A
White	90.2%	6.6%	2.2%	1.0%			
Other	94.2%	5.8%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
YARMOUTH POLICE DEPARTMENT**

Total Citations ¹ : 1,426	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	36.5%	Citations per 1000	
	Passing through:	63.5%	18 + residents:	71.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,328)				ITP Stops ³ (N = 482)			
Mean age				Mean age			
42.02				40.15			
Gender %				Gender %			
Female 37.9%				Female 36.1%			
Male 62.1%				Male 63.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 0.4%			
AA/Black 12.6%				AA/Black 12.7%			
Hispanic 6.5%				Hispanic 5.6%			
White 79.8%				White 80.4%			
Other 1.1%				Other 1.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.6%	2.4%	10.2%	AA/Black	12.6%	14.5%	-1.9%
Hispanic	6.5%	2.7%	3.8%	Hispanic	6.5%	15.2%	-8.7%
White	79.8%	89.2%	-9.4%	White	79.8%	65.1%	14.7%
Other	1.1%	5.5%	-4.4%	Other	1.1%	5.2%	-4.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	251	18.7%	25.2%	NW	84	19.4%	17.9%
White	1,003	81.3%	74.8%	White	357	80.6%	82.1%
Chi-square, X-tab ⁶ :		.021*	sig.	Chi-square, X-tab ⁶ :		.747	not sig.
Odds ratio Exp(B) ⁷ :		.711	not sig.	Odds ratio Exp(B) ⁷ :		1.063	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.9%	3.9%	20.8%	8.4%	NW	1	N/A
Hispanic	55.7%	12.4%	24.7%	7.2%	White	3	N/A
White	76.0%	6.4%	12.1%	5.5%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 BOSTON POLICE DEPARTMENT

2022 Boston Police Department Districts³⁹

District A-1: Downtown Boston and Charlestown

District A-7: East Boston

District B-2: Roxbury

District B-3: Mattapan

District C-6: South Boston

District C-11: Dorchester

District D-4: South End

District D-14: Brighton

District E-5: West Roxbury

District E-13: Jamaica Plain

District E-18: Hyde Park

³⁹The Boston Police Department (BPD) district information obtained from the Boston Police Department official website at: <https://www.boston.gov/departments/police#districts>. Rates for BPD districts are based on total City of Boston population as individual district populations were not available.

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BOSTON POLICE DEPARTMENT DISTRICT A-1

Total Citations ¹ : 951	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	8.5%	Citations per 1000	
	Passing through:	91.5%	18 + residents:	1.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 913)				ITP Stops ³ (N = 275)			
Mean age				Mean age			
42.35				42.67			
Gender %				Gender %			
Female 29.9%				Female 30.9%			
Male 70.0%				Male 69.1%			
Non-binary 0.1%				Non-binary 0.0%			
Race %		Mis/Unk ⁴ 10.6%		Race %		Mis/Unk ⁴ 13.1%	
AA/Black 26.2%				AA/Black 24.3%			
Hispanic 11.2%				Hispanic 10.9%			
White 50.6%				White 55.2%			
Other 12.0%				Other 9.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	26.2%	25.2%	1.0%	AA/Black	26.2%	14.5%	11.7%
Hispanic	11.2%	19.8%	-8.6%	Hispanic	11.2%	15.2%	-4.0%
White	50.6%	44.5%	6.1%	White	50.6%	65.1%	-14.5%
Other	12.0%	15.4%	-3.4%	Other	12.0%	5.2%	6.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	378	46.3%	59.4%	NW	93	41.8%	44.0%
White	392	53.7%	40.6%	White	127	58.2%	56.0%
Chi-square, X-tab ⁶ :		.003*	sig.	Chi-square, X-tab ⁶ :		.779	not sig.
Odds ratio Exp(B) ⁷ :		.572*	sig.	Odds ratio Exp(B) ⁷ :		.535	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.2%	44.3%	5.4%	0.0%	NW	2	N/A
Hispanic	69.1%	26.6%	3.2%	1.1%	White	1	N/A
White	56.5%	40.1%	3.0%	0.5%			
Other	51.0%	48.0%	1.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.029*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT A-7**

Total Citations ¹ : 1,567	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	31.8%	Citations per 1000	
	Passing through:	68.2%	18 + residents:	2.7

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,458)				ITP Stops ³ (N = 676)			
Mean age				Mean age			
38.32				36.57			
Gender %				Gender %			
Female 27.8%				Female 26.9%			
Male 72.1%				Male 72.9%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 20.3%				Race % Mis/Unk ⁴ 28.4%			
AA/Black 11.3%				AA/Black 12.8%			
Hispanic 44.3%				Hispanic 40.3%			
White 39.1%				White 41.9%			
Other 5.3%				Other 5.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.3%	25.2%	-13.9%	AA/Black	11.3%	14.5%	-3.2%
Hispanic	44.3%	19.8%	24.5%	Hispanic	44.3%	15.2%	29.1%
White	39.1%	44.5%	-5.4%	White	39.1%	65.1%	-26.0%
Other	5.3%	15.4%	-10.1%	Other	5.3%	5.2%	0.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	651	59.7%	64.7%	NW	251	58.1%	59.0%
White	412	40.3%	35.3%	White	178	41.9%	41.0%
Chi-square, X-tab ⁶ :		.117	not sig.	Chi-square, X-tab ⁶ :		.843	not sig.
Odds ratio Exp(B) ⁷ :		.776	not sig.	Odds ratio Exp(B) ⁷ :		.947	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.4%	22.4%	11.2%	0.0%	NW	9	N/A
Hispanic	72.4%	13.7%	13.2%	0.7%	White	5	N/A
White	81.6%	10.3%	7.9%	0.2%			
Other	89.1%	10.9%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT B-2**

Total Citations ¹ : 1,223	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	13.7%	Citations per 1000	
	Passing through:	86.3%	18 + residents:	2.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,157)				ITP Stops ³ (N = 387)			
Mean age				Mean age			
37.31				36.49			
Gender %				Gender %			
Female 31.2%				Female 32.1%			
Male 68.7%				Male 67.9%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 14.4%				Race % Mis/Unk ⁴ 20.4%			
AA/Black 55.1%				AA/Black 58.8%			
Hispanic 21.2%				Hispanic 16.9%			
White 19.1%				White 18.8%			
Other 4.6%				Other 5.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	55.1%	25.2%	29.9%	AA/Black	55.1%	14.5%	40.6%
Hispanic	21.2%	19.8%	1.4%	Hispanic	21.2%	15.2%	6.0%
White	19.1%	44.5%	-25.4%	White	19.1%	65.1%	-46.0%
Other	4.6%	15.4%	-10.8%	Other	4.6%	5.2%	-0.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	747	79.5%	83.5%	NW	212	78.9%	86.8%
White	173	20.4%	16.5%	White	50	21.1%	13.2%
Chi-square, X-tab ⁶ :		.135	not sig.	Chi-square, X-tab ⁶ :		.154	not sig.
Odds ratio Exp(B) ⁷ :		.833	not sig.	Odds ratio Exp(B) ⁷ :		.637	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.8%	24.1%	7.4%	1.7%	NW	9	N/A
Hispanic	82.0%	14.0%	4.1%	0.0%	White	1	N/A
White	85.3%	10.2%	3.6%	1.0%			
Other	89.6%	10.4%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT B-3**

Total Citations ¹ : 1,274	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.9%	Citations per 1000	
	Passing through:	87.1%	18 + residents:	2.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,148)				ITP Stops ³ (N = 472)			
Mean age				Mean age			
35.3				35.75			
Gender %				Gender %			
Female 32.4%				Female 35.5%			
Male 67.6%				Male 64.5%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 16.6%				Race % Mis/Unk ⁴ 23.7%			
AA/Black 66.5%				AA/Black 66.7%			
Hispanic 17.6%				Hispanic 16.9%			
White 14.2%				White 13.3%			
Other 1.7%				Other 3.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	66.5%	25.2%	41.3%	AA/Black	66.5%	14.5%	52.0%
Hispanic	17.6%	19.8%	-2.2%	Hispanic	17.6%	15.2%	2.4%
White	14.2%	44.5%	-30.3%	White	14.2%	65.1%	-50.9%
Other	1.7%	15.4%	-13.7%	Other	1.7%	5.2%	-3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	761	86.0%	85.2%	NW	278	86.4%	86.2%
White	127	14.0%	14.8%	White	44	13.6%	13.8%
Chi-square, X-tab ⁶ : .720 not sig.				Chi-square, X-tab ⁶ : .971 not sig.			
Odds ratio Exp(B) ⁷ : 1.217 not sig.				Odds ratio Exp(B) ⁷ : 1.057 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	71.3%	15.5%	11.4%	1.8%	NW	13	N/A
Hispanic	69.5%	20.0%	8.9%	1.6%	White	3	N/A
White	74.8%	13.2%	11.3%	0.7%			
Other	94.1%	5.9%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .404 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT C-6**

Total Citations ¹ : 5,868	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	16.3%	Citations per 1000	
	Passing through:	83.7%	18 + residents:	10.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,834)				ITP Stops ³ (N = 1,840)			
Mean age				Mean age			
40.65				39.34			
Gender %				Gender %			
Female 36.2%				Female 37.0%			
Male 63.7%				Male 62.9%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 12.7%				Race % Mis/Unk ⁴ 11.5%			
AA/Black 23.8%				AA/Black 25.4%			
Hispanic 14.5%				Hispanic 11.9%			
White 54.5%				White 56.0%			
Other 7.1%				Other 6.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	23.8%	25.2%	-1.4%	AA/Black	23.8%	14.5%	9.3%
Hispanic	14.5%	19.8%	-5.3%	Hispanic	14.5%	15.2%	-0.7%
White	54.5%	44.5%	10.0%	White	54.5%	65.1%	-10.6%
Other	7.1%	15.4%	-8.3%	Other	7.1%	5.2%	1.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,160	40.3%	59.5%	NW	625	42.0%	46.4%
White	2,597	59.7%	40.5%	White	817	58.0%	53.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .122 not sig.			
Odds ratio Exp(B) ⁷ : .467* sig.				Odds ratio Exp(B) ⁷ : .683* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	95.7%	3.9%	0.3%	0.0%	NW	12	N/A
Hispanic	91.2%	7.6%	1.1%	0.1%	White	5	N/A
White	97.4%	2.4%	0.1%	0.0%			
Other	97.3%	2.7%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT C-11**

Total Citations ¹ : 2,944	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	43.2%	Citations per 1000	
	Passing through:	56.8%	18 + residents:	5.1

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,743)				ITP Stops ³ (N = 946)			
Mean age				Mean age			
38.85				40.04			
Gender %				Gender %			
Female 34.5%				Female 36.4%			
Male 65.4%				Male 63.5%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 8.7%				Race % Mis/Unk ⁴ 11.2%			
AA/Black 55.3%				AA/Black 54.4%			
Hispanic 15.2%				Hispanic 8.6%			
White 21.2%				White 27.7%			
Other 8.3%				Other 9.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	55.3%	25.2%	30.1%	AA/Black	55.3%	14.5%	40.8%
Hispanic	15.2%	19.8%	-4.6%	Hispanic	15.2%	15.2%	0.0%
White	21.2%	44.5%	-23.3%	White	21.2%	65.1%	-43.9%
Other	8.3%	15.4%	-7.1%	Other	8.3%	5.2%	3.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,861	74.4%	84.1%	NW	552	68.9%	81.0%
White	501	25.6%	15.9%	White	215	31.1%	19.0%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.001*	sig.
Odds ratio Exp(B) ⁷ :		.581*	sig.	Odds ratio Exp(B) ⁷ :		.575*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	86.7%	6.4%	6.6%	0.3%	NW	15	N/A
Hispanic	81.4%	12.8%	5.6%	0.2%	White	4	N/A
White	88.5%	5.5%	5.3%	0.7%			
Other	95.9%	2.7%	1.4%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT D-4**

Total Citations ¹ : 2,688	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	9.2%	Citations per 1000	
	Passing through:	90.8%	18 + residents:	4.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,555)				ITP Stops ³ (N = 951)			
Mean age				Mean age			
38.17				36.88			
Gender %				Gender %			
Female 26.0%				Female 24.7%			
Male 73.8%				Male 75.1%			
Non-binary 0.2%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 18.5%				Race % Mis/Unk ⁴ 26.4%			
AA/Black 36.5%				AA/Black 37.0%			
Hispanic 14.0%				Hispanic 10.6%			
White 40.8%				White 44.1%			
Other 8.6%				Other 8.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	36.5%	25.2%	11.3%	AA/Black	36.5%	14.5%	22.0%
Hispanic	14.0%	19.8%	-5.8%	Hispanic	14.0%	15.2%	-1.2%
White	40.8%	44.5%	-3.7%	White	40.8%	65.1%	-24.3%
Other	8.6%	15.4%	-6.8%	Other	8.6%	5.2%	3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,122	52.3%	68.1%	NW	339	53.7%	56.7%
White	789	47.7%	31.9%	White	280	46.3%	43.3%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.482	not sig.
Odds ratio Exp(B) ⁷ :		.497*	sig.	Odds ratio Exp(B) ⁷ :		.800	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	79.1%	15.6%	4.9%	0.4%	NW	4	N/A
Hispanic	77.5%	20.5%	2.0%	0.0%	White	2	N/A
White	86.0%	12.2%	1.7%	0.1%			
Other	88.2%	11.8%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT D-14**

Total Citations ¹ : 316	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	15.7%	Citations per 1000	
	Passing through:	84.3%	18 + residents:	0.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 280)				ITP Stops ³ (N = 135)			
Mean age				Mean age			
38.06				37.32			
Gender %				Gender %			
Female 30.5%				Female 32.1%			
Male 69.5%				Male 67.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 8.6%				Race % Mis/Unk ⁴ 8.9%			
AA/Black 20.3%				AA/Black 18.7%			
Hispanic 12.1%				Hispanic 7.3%			
White 55.9%				White 65.9%			
Other 11.7%				Other 8.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	20.3%	25.2%	-4.9%	AA/Black	20.3%	14.5%	5.8%
Hispanic	12.1%	19.8%	-7.7%	Hispanic	12.1%	15.2%	-3.1%
White	55.9%	44.5%	11.4%	White	55.9%	65.1%	-9.2%
Other	11.7%	15.4%	-3.7%	Other	11.7%	5.2%	6.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	99	41.6%	48.6%	NW	40	28.4%	46.7%
White	127	58.4%	51.4%	White	72	71.6%	53.3%
Chi-square, X-tab ⁶ : .319 not sig.				Chi-square, X-tab ⁶ : .047* sig.			
Odds ratio Exp(B) ⁷ : .880 not sig.				Odds ratio Exp(B) ⁷ : .265 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.7%	17.5%	8.8%	0.0%	NW	4	N/A
Hispanic	86.1%	11.1%	2.8%	0.0%	White	0	N/A
White	79.7%	17.7%	2.5%	0.0%			
Other	78.8%	18.2%	3.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .457 not sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT E-5**

Total Citations ¹ : 3,654	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	17.7%	Citations per 1000	
	Passing through:	82.3%	18 + residents:	6.3

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,612)				ITP Stops ³ (N = 1,184)			
Mean age				Mean age			
43.62				44.69			
Gender %				Gender %			
Female 50.9%				Female 47.7%			
Male 49.1%				Male 52.3%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.3%				Race % Mis/Unk ⁴ 6.2%			
AA/Black 29.4%				AA/Black 26.6%			
Hispanic 19.5%				Hispanic 16.1%			
White 47.0%				White 51.0%			
Other 4.1%				Other 6.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	29.4%	25.2%	4.2%	AA/Black	29.4%	14.5%	14.9%
Hispanic	19.5%	19.8%	-0.3%	Hispanic	19.5%	15.2%	4.3%
White	47.0%	44.5%	2.5%	White	47.0%	65.1%	-18.1%
Other	4.1%	15.4%	-11.3%	Other	4.1%	5.2%	-1.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,725	53.7%	50.3%	NW	505	50.2%	48.6%
White	1,512	46.3%	49.7%	White	508	49.8%	51.4%
Chi-square, X-tab ⁶ :		.205	not sig.	Chi-square, X-tab ⁶ :		.677	not sig.
Odds ratio Exp(B) ⁷ :		1.119	not sig.	Odds ratio Exp(B) ⁷ :		.914	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	95.3%	4.0%	0.7%	0.0%	NW	2	N/A
Hispanic	92.7%	5.1%	1.8%	0.4%	White	0	N/A
White	96.2%	2.9%	1.0%	0.0%			
Other	97.2%	2.8%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.001*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT E-13**

Total Citations ¹ : 466	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	12.9%	Citations per 1000	
	Passing through:	87.1%	18 + residents:	0.8

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 425)				ITP Stops ³ (N = 267)			
Mean age				Mean age			
38.04				37.11			
Gender %				Gender %			
Female 41.7%				Female 42.6%			
Male 58.3%				Male 57.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 8.0%				Race % Mis/Unk ⁴ 5.6%			
AA/Black 38.9%				AA/Black 36.5%			
Hispanic 32.7%				Hispanic 38.1%			
White 24.8%				White 22.2%			
Other 3.6%				Other 3.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	38.9%	25.2%	13.7%	AA/Black	38.9%	14.5%	24.4%
Hispanic	32.7%	19.8%	12.9%	Hispanic	32.7%	15.2%	17.5%
White	24.8%	44.5%	-19.7%	White	24.8%	65.1%	-40.3%
Other	3.6%	15.4%	-11.8%	Other	3.6%	5.2%	-1.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	271	74.5%	75.0%	NW	181	78.1%	75.9%
White	92	25.5%	25.0%	White	53	21.9%	24.1%
Chi-square, X-tab ⁶ :		.926	not sig.	Chi-square, X-tab ⁶ :		.715	not sig.
Odds ratio Exp(B) ⁷ :		.978	not sig.	Odds ratio Exp(B) ⁷ :		1.096	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.4%	9.5%	14.9%	1.2%	NW	6	N/A
Hispanic	81.2%	12.0%	6.8%	0.0%	White	2	N/A
White	68.5%	18.0%	13.5%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.037*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT DISTRICT E-18**

Total Citations ¹ : 2,426	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	34.2%	Citations per 1000	
	Passing through:	65.8%	18 + residents:	4.2

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 2,321)				ITP Stops ³ (N = 1,496)			
Mean age				Mean age			
38.34				37.82			
Gender %				Gender %			
Female 38.1%				Female 38.1%			
Male 61.9%				Male 61.8%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 3.9%				Race % Mis/Unk ⁴ 2.1%			
AA/Black 54.8%				AA/Black 55.4%			
Hispanic 23.9%				Hispanic 24.6%			
White 19.5%				White 18.1%			
Other 1.8%				Other 1.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	54.8%	25.2%	29.6%	AA/Black	54.8%	14.5%	40.3%
Hispanic	23.9%	19.8%	4.1%	Hispanic	23.9%	15.2%	8.7%
White	19.5%	44.5%	-25.0%	White	19.5%	65.1%	-45.6%
Other	1.8%	15.4%	-13.6%	Other	1.8%	5.2%	-3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,657	80.1%	81.1%	NW	1,084	82.4%	77.7%
White	405	19.9%	18.9%	White	249	17.6%	22.3%
Chi-square, X-tab ⁶ : .615 <i>not sig.</i>				Chi-square, X-tab ⁶ : .070 <i>not sig.</i>			
Odds ratio Exp(B) ⁷ : .937 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : 1.596* <i>sig.</i>			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.3%	11.3%	7.0%	0.5%	NW	5	N/A
Hispanic	78.9%	16.1%	4.8%	0.2%	White	0	N/A
White	86.5%	9.3%	4.1%	0.2%			
Other	92.7%	7.3%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .004* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT SPECIAL OPERATIONS**

Total Citations ¹ : 4,999	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	8.6

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,919)				ITP Stops ³ (N = 1,257)			
Mean age				Mean age			
41.46				40.86			
Gender %				Gender %			
Female 33.6%				Female 31.5%			
Male 66.2%				Male 68.1%			
Non-binary 0.2%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 17.0%				Race % Mis/Unk ⁴ 11.9%			
AA/Black 26.6%				AA/Black 28.2%			
Hispanic 14.3%				Hispanic 8.8%			
White 48.0%				White 49.0%			
Other 11.0%				Other 14.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	26.6%	25.2%	1.4%	AA/Black	26.6%	14.5%	12.1%
Hispanic	14.3%	19.8%	-5.5%	Hispanic	14.3%	15.2%	-0.9%
White	48.0%	44.5%	3.5%	White	48.0%	65.1%	-17.1%
Other	11.0%	15.4%	-4.4%	Other	11.0%	5.2%	5.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,924	51.5%	52.9%	NW	499	48.4%	53.0%
White	1,796	48.5%	47.1%	White	489	51.6%	47.0%
Chi-square, X-tab ⁶ :		.535	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.153	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.953	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.868	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	86.8%	9.2%	4.0%	0.0%	NW	1	N/A
Hispanic	90.8%	9.0%	0.2%	0.0%	White	2	N/A
White	90.9%	8.2%	0.9%	0.1%			
Other	90.6%	9.2%	0.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000* <i>sig.</i>					

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ALL BOSTON POLICE DEPARTMENT**

Total Citations ¹ : 28,854	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	21.2%	Citations per 1000	
	Passing through:	78.8%	18 + residents:	49.5

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 28,854)				ITP Stops ³ (N = 9,886)			
Mean age				Mean age			
40.01				39.36			
Gender %				Gender %			
Female 35.6%				Female 35.7%			
Male 64.3%				Male 64.2%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 12.3%				Race % Mis/Unk ⁴ 12.8%			
AA/Black 35.7%				AA/Black 37.2%			
Hispanic 17.8%				Hispanic 16.4%			
White 39.7%				White 39.5%			
Other 6.8%				Other 6.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	35.7%	25.2%	10.5%	AA/Black	35.7%	14.5%	21.2%
Hispanic	17.8%	19.8%	-2.0%	Hispanic	17.8%	15.2%	2.6%
White	39.7%	44.5%	-4.8%	White	39.7%	65.1%	-25.4%
Other	6.8%	15.4%	-8.6%	Other	6.8%	5.2%	1.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	13,357	56.5%	69.2%	NW	4,659	60.0%	60.7%
White	8,924	43.5%	30.8%	White	3,082	40.0%	39.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .564 not sig.			
Odds ratio Exp(B) ⁷ : .571* sig.				Odds ratio Exp(B) ⁷ : .989 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.6%	10.6%	8.3%	0.4%	NW	82	76.6%
Hispanic	83.6%	11.9%	4.2%	0.3%	White	25	23.4%
White	89.4%	7.8%	2.7%	0.1%			
Other	89.8%	9.0%	1.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS STATE POLICE

2022 Massachusetts State Police Troop Boundaries⁴⁰

State Police Troop A-1: Andover, Dracut, Dunstable, Lawrence, Lowell, Methuen, North Andover, North Reading, Reading, Tewksbury, Tyngsborough, and Wilmington

State Police Troop A-2: Amesbury, Boxford, Georgetown, Groveland, Hamilton, Haverhill, Ipswich, Merrimac, Newbury, Newburyport, Rowley, Salisbury, Topsfield, and West Newbury

State Police Troop A-3: Acton, Bedford, Billerica, Boxborough, Carlisle, Chelmsford, Concord, Lexington, Lincoln, Littleton, Maynard, Stow, and Westford

State Police Troop A-4: Arlington, Burlington, Everett, Malden, Medford, Melrose, Somerville, Stoneham, Winchester, and Woburn

State Police Troop A-5: Chelsea, East Boston, Lynn, Revere and Winthrop

State Police Troop A-6: Beverly, Danvers, Essex, Gloucester, Lynnfield, Manchester, Marblehead, Middleton, Peabody, Rockport, Salem, Saugus, Swampscott, Wakefield, and Wenham

State Police Troop B-1: Alford, Lee, New Marlborough, Sheffield, Becket, Lenox, Otis, Stockbridge, Egremont, Monterey, Richmond, Tyringham, Great Barrington, Mount Washington, Sandisfield, and West Stockbridge

State Police Troop B-2: Ashfield, Bernardston, Buckland, Charlemont, Colrain, Conway, Deerfield, Gill, Greenfield, Hawley, Heath, Leyden, Monroe, Montague, Northfield, Rowe, and Shelburne

State Police Troop B-3: Agawam, Chicopee, East Longmeadow, Hampden, Longmeadow, Ludlow, Springfield, West Springfield, and Wilbraham

State Police Troop B-4: Adams, Cheshire, Clarksburg, Dalton, Florida, Hancock, Hinsdale, Lanesborough, New Ashford, North Adams, Peru, Pittsfield, Savoy, Washington, Williamstown, and Windsor

State Police Troop B-5: Blandford, Chester, Granville, Huntington, Middlefield, Montgomery, Russell, Southwick, Tolland, Westfield, and Worthington

State Police Troop B-6: Amherst, Chesterfield, Cummington, Easthampton, Goshen, Hadley, Hatfield, Holyoke, Leverett, Northampton, Plainfield, Southampton, South Hadley, Sunderland, Westhampton, Whately, and Williamsburg

⁴⁰Massachusetts State Police Troop boundary information obtained from: <https://www.mass.gov/info-details/massachusetts-state-police-troop-boundaries>

State Police Troop B-8: Responsible for patrolling the western most section of the Massachusetts Turnpike from the Ludlow-Chicopee town line to the New York State border.

State Police Troop C-1: Athol, Ashburnham, Erving, Gardner, Hubbardston, New Salem, Orange, Petersham, Phillipston, Royalston, Templeton, Warwick, Wendell, Westminster and Winchendon

State Police Troop C-2: Bellingham, Blackstone, Douglas, Grafton, Hopedale, Hopkinton, Marlborough, Mendon, Milford, Millbury, Millville, Northborough, Northbridge, Shrewsbury, Southborough, Sutton, Upton, Uxbridge and Westborough

State Police Troop C-3: Barre, Brookfield, East Brookfield, Leicester, New Braintree, North Brookfield, Oakham, Paxton, Spencer, Warren and West Brookfield

State Police Troop C-4: Ashby, Ayer, Berlin, Bolton, Fitchburg, Groton, Harvard, Hudson, Lancaster, Leominster, Lunenburg, Pepperell, Shirley and Townsend

State Police Troop C-5: Auburn, Brimfield, Charlton, Dudley, Holland, Monson, Oxford, Palmer, Southbridge, Sturbridge, Wales and Webster

State Police Troop C-6: Boylston, Clinton, Holden, Princeton, Rutland, Sterling, West Boylston and Worcester

State Police Troop C-7: Belchertown, Granby, Hardwick, Pelham, Shutesbury and Ware

State Police Troop C-9: Devens Commerce Center (near Ayer)

State Police Troop C-10: **No info available**

State Police Troop D-1: Abington, Cohasset, Duxbury, Hanover, Hanson, Hingham, Hull, North Kingston, North Marshfield, Norwell, Pembroke, Rockland, Scituate, Weymouth and Whitman

State Police Troop D-2: Barnstable, Brewster, Chatham, Dennis, Eastham, Harwich, Orleans, Provincetown, Truro, Wellfleet and Yarmouth

State Police Troop D-3: Acushnet, Dartmouth, Fairhaven, Fall River, Freetown, New Bedford, Somerset, Swansea and Westport

State Police Troop D-4: Berkley, Bridgewater, Brockton, Carver, Dighton, East Bridgewater, Easton, Halifax, Lakeville, Middleborough, Plympton, Raynham, Rehoboth, Seekonk, Taunton and West Bridgewater

State Police Troop D-6: Chilmark, Edgartown, Gay Head, Gosnold, Oak Bluffs and West Tisbury

State Police Troop D-7: Island of Nantucket

State Police Troop F: Logan Airport

State Police Troop H-2: The primary and high profile patrol area for SP Framingham is the Route 128 beltway around Boston, known as the Yankee Highway.

State Police Troop H-3: Their jurisdiction lies in several areas. It extends to the south on Route 95 to the Rhode Island border and on Route 495 to the Norton town line (this is Troop D). The barracks's boundaries then extend to the north on Route 95 to the Route 128/93 Interchange in Canton, and to the west on Route 495 to the Bellingham town line.

State Police Troop H-4: Station H-4, SP Boston Barracks is located at a major intersection which links Boston with the western suburbs and many other major interstate highways.

State Police Troop H-5: Station H-5, SP Brighton Barracks, patrols mostly DCR and state roadways and parks along the Charles River in the Boston and Cambridge areas.

State Police Troop H-6: Station H-6, SP South Boston Barracks shares the building complex with H Troop Headquarters on Day Boulevard at the head of Carson Beach in South Boston.

State Police Troop H-7: Station H-7, SP Milton Barracks is located at the foot of the Blue Hills Reservation, which includes Houghton's Pond, the Blue Hills Observatory, Chickatawbut Overlook, the Blue Hills Ski Area and the Trailside Museum.

State Police Troop H-8: SP Weston provides coverage up to the Allston-Brighton tolls on the Boston Extension and the Tunnel Division, or H-9, maintains jurisdiction for the remainder of Route 90 east of IC-19.

State Police Troop H-9: The Tunnels barracks covers 45 miles of highways, including all Big Dig roadways and the intricate system of highways, tunnels, ramps and connectors.

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE ACADEMY**

Total Citations ¹ : 824	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 780)				ITP Stops ³ (N = 257)			
Mean age				Mean age			
36.51				36.69			
Gender %				Gender %			
Female 31.2%				Female 32.8%			
Male 68.6%				Male 67.2%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.4%				Race % Mis/Unk ⁴ 0.0%			
AA/Black 16.2%				AA/Black 16.3%			
Hispanic 20.6%				Hispanic 19.1%			
White 58.0%				White 59.5%			
Other 5.3%				Other 5.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.2%	N/A	N/A	AA/Black	16.2%	14.5%	1.7%
Hispanic	20.6%	N/A	N/A	Hispanic	20.6%	15.2%	5.4%
White	58.0%	N/A	N/A	White	58.0%	65.1%	-7.1%
Other	5.3%	N/A	N/A	Other	5.3%	5.2%	0.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	315	38.4%	50.0%	NW	99	41.5%	39.3%
White	431	61.6%	50.0%	White	144	58.5%	60.7%
Chi-square, X-tab ⁶ :		.003*	sig.	Chi-square, X-tab ⁶ :		.737	not sig.
Odds ratio Exp(B) ⁷ :		.729	not sig.	Odds ratio Exp(B) ⁷ :		1.300	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.8%	30.3%	12.9%	6.1%	NW	6	N/A
Hispanic	55.2%	23.0%	15.8%	6.1%	White	9	N/A
White	62.6%	30.1%	6.0%	1.3%			
Other	45.0%	47.5%	7.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE COMMERCIAL VEHICLE ENFORCEMENT**

Total Citations ¹ : 5,472	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,411)				ITP Stops ³ (N = 1,797)			
Mean age				Mean age			
38.81				38.22			
Gender %				Gender %			
Female 14.8%				Female 15.4%			
Male 85.2%				Male 84.5%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 41.0%				Race % Mis/Unk ⁴ 34.3%			
AA/Black 14.9%				AA/Black 16.0%			
Hispanic 20.9%				Hispanic 21.9%			
White 60.3%				White 57.7%			
Other 3.9%				Other 4.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.9%	N/A	N/A	AA/Black	14.9%	14.5%	0.4%
Hispanic	20.9%	N/A	N/A	Hispanic	20.9%	15.2%	5.7%
White	60.3%	N/A	N/A	White	60.3%	65.1%	-4.8%
Other	3.9%	N/A	N/A	Other	3.9%	5.2%	-1.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,227	39.4%	43.0%	NW	458	43.4%	41.4%
White	1,853	60.6%	57.0%	White	610	46.6%	58.6%
Chi-square, X-tab ⁶ :		.160	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.564	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.915	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.291	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.2%	36.0%	5.0%	0.8%	NW	1	N/A
Hispanic	42.2%	46.0%	9.9%	1.9%	White	2	N/A
White	56.8%	39.0%	3.4%	0.8%			
Other	49.6%	48.0%	2.4%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE COMMUNITY ACTION**

Total Citations ¹ : 1,161	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,140)				ITP Stops ³ (N = 517)			
Mean age				Mean age			
34.75				33.37			
Gender %				Gender %			
Female 24.4%				Female 24.4%			
Male 75.4%				Male 75.6%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 4.3%				Race % Mis/Unk ⁴ 4.8%			
AA/Black 34.4%				AA/Black 39.2%			
Hispanic 14.8%				Hispanic 13.6%			
White 45.9%				White 42.9%			
Other 4.9%				Other 4.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	34.4%	N/A	N/A	AA/Black	34.4%	14.5%	19.9%
Hispanic	14.8%	N/A	N/A	Hispanic	14.8%	15.2%	-0.4%
White	45.9%	N/A	N/A	White	45.9%	65.1%	-19.2%
Other	4.9%	N/A	N/A	Other	4.9%	5.2%	-0.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	559	48.2%	61.2%	NW	251	53.6%	61.1%
White	485	51.8%	38.8%	White	195	46.4%	38.9%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.127	not sig.
Odds ratio Exp(B) ⁷ :		.570*	sig.	Odds ratio Exp(B) ⁷ :		.558*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	79.2%	13.5%	5.7%	1.6%	NW	28	N/A
Hispanic	75.9%	14.5%	9.0%	0.6%	White	3	N/A
White	73.2%	22.4%	3.4%	1.0%			
Other	64.9%	24.6%	5.3%	5.3%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE MOTORCYCLE SECTION**

Total Citations ¹ : 1,456	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,450)				ITP Stops ³ (N = 343)			
Mean age				Mean age			
39.08				37.13			
Gender %				Gender %			
Female 35.3%				Female 34.2%			
Male 64.7%				Male 65.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.9%				Race % Mis/Unk ⁴ 1.5%			
AA/Black 17.5%				AA/Black 17.2%			
Hispanic 16.8%				Hispanic 18.6%			
White 58.5%				White 58.0%			
Other 7.2%				Other 6.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	17.5%	N/A	N/A	AA/Black	17.5%	14.5%	3.0%
Hispanic	16.8%	N/A	N/A	Hispanic	16.8%	15.2%	1.6%
White	58.5%	N/A	N/A	White	58.5%	65.1%	-6.6%
Other	7.2%	N/A	N/A	Other	7.2%	5.2%	2.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	583	40.1%	53.8%	NW	128	41.2%	44.4%
White	822	59.9%	46.2%	White	178	58.8%	55.6%
Chi-square, X-tab ⁶ :		.002*	sig.	Chi-square, X-tab ⁶ :		.637	not sig.
Odds ratio Exp(B) ⁷ :		.595*	sig.	Odds ratio Exp(B) ⁷ :		.751	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.1%	22.9%	3.6%	0.4%	NW	0	N/A
Hispanic	55.6%	39.1%	5.3%	0.0%	White	0	N/A
White	81.9%	16.9%	1.2%	0.0%			
Other	74.0%	22.1%	3.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE GENERAL HEADQUARTERS**

Total Citations ¹ : 3,874	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,768)				ITP Stops ³ (N = 1,384)			
Mean age				Mean age			
35.97				35.97			
Gender %				Gender %			
Female 31.6%				Female 31.6%			
Male 68.4%				Male 68.4%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.3%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 14.3%				AA/Black 12.3%			
Hispanic 18.8%				Hispanic 18.7%			
White 60.7%				White 62.6%			
Other 6.2%				Other 6.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.3%	N/A	N/A	AA/Black	14.3%	14.5%	-0.2%
Hispanic	18.8%	N/A	N/A	Hispanic	18.8%	15.2%	3.6%
White	60.7%	N/A	N/A	White	60.7%	65.1%	-4.4%
Other	6.2%	N/A	N/A	Other	6.2%	5.2%	1.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,360	35.7%	45.7%	NW	458	36.9%	36.2%
White	2,138	64.3%	54.3%	White	790	63.1%	63.8%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.821	not sig.
Odds ratio Exp(B) ⁷ :		.673*	sig.	Odds ratio Exp(B) ⁷ :		1.120	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	38.3%	48.6%	12.5%	0.6%	NW	7	N/A
Hispanic	34.3%	48.8%	14.7%	2.2%	White	3	N/A
White	46.5%	47.2%	5.4%	0.9%			
Other	43.6%	49.1%	5.6%	1.7%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A HEADQUARTERS**

Total Citations ¹ : 3,542	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,494)				ITP Stops ³ (N = 1,436)			
Mean age				Mean age			
37.6				37			
Gender %				Gender %			
Female 30.8%				Female 29.9%			
Male 69.2%				Male 70.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.8%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 10.5%				AA/Black 8.5%			
Hispanic 21.8%				Hispanic 22.5%			
White 62.1%				White 63.9%			
Other 5.6%				Other 5.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	10.5%	N/A	N/A	AA/Black	10.5%	14.5%	-4.0%
Hispanic	21.8%	N/A	N/A	Hispanic	21.8%	15.2%	6.6%
White	62.1%	N/A	N/A	White	62.1%	65.1%	-3.0%
Other	5.6%	N/A	N/A	Other	5.6%	5.2%	0.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,233	38.0%	37.0%	NW	451	36.3%	34.2%
White	2,035	62.0%	63.0%	White	811	63.7%	65.8%
Chi-square, X-tab ⁶ : .632 not sig.				Chi-square, X-tab ⁶ : .481 not sig.			
Odds ratio Exp(B) ⁷ : 1.011 not sig.				Odds ratio Exp(B) ⁷ : .882 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.2%	35.5%	5.7%	1.6%	NW	8	N/A
Hispanic	52.8%	36.0%	8.4%	2.8%	White	10	N/A
White	64.3%	30.6%	4.1%	1.0%			
Other	69.4%	30.1%	0.0%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-1**

Total Citations ¹ : 7,198	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 6,331)				ITP Stops ³ (N = 1,972)			
Mean age				Mean age			
35.67				36.17			
Gender %				Gender %			
Female 29.2%				Female 28.2%			
Male 70.8%				Male 71.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.8%				Race % Mis/Unk ⁴ 0.5%			
AA/Black 11.1%				AA/Black 9.5%			
Hispanic 30.3%				Hispanic 28.7%			
White 52.2%				White 55.3%			
Other 6.4%				Other 6.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.1%	N/A	N/A	AA/Black	11.1%	14.5%	-3.4%
Hispanic	30.3%	N/A	N/A	Hispanic	30.3%	15.2%	15.1%
White	52.2%	N/A	N/A	White	52.2%	65.1%	-12.9%
Other	6.4%	N/A	N/A	Other	6.4%	5.2%	1.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,891	41.8%	54.6%	NW	773	42.4%	47.2%
White	3,161	58.2%	45.4%	White	971	57.6%	52.8%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .046* sig.			
Odds ratio Exp(B) ⁷ : .612* sig.				Odds ratio Exp(B) ⁷ : .933 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.2%	22.7%	7.2%	3.9%	NW	22	N/A
Hispanic	62.1%	22.8%	12.4%	2.8%	White	28	N/A
White	68.1%	24.3%	5.2%	2.5%			
Other	64.0%	27.3%	5.8%	2.9%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-2**

Total Citations ¹ : 7,867	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,558)				ITP Stops ³ (N = 2,542)			
Mean age				Mean age			
36.85				36.4			
Gender %				Gender %			
Female 32.0%				Female 30.7%			
Male 68.0%				Male 69.2%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.8%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 6.8%				AA/Black 5.7%			
Hispanic 17.3%				Hispanic 17.3%			
White 71.8%				White 73.8%			
Other 4.0%				Other 3.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	6.8%	N/A	N/A	AA/Black	6.8%	14.5%	-7.7%
Hispanic	17.3%	N/A	N/A	Hispanic	17.3%	15.2%	2.1%
White	71.8%	N/A	N/A	White	71.8%	65.1%	6.7%
Other	4.0%	N/A	N/A	Other	4.0%	5.2%	-1.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,001	23.2%	36.9%	NW	567	24.8%	27.8%
White	5,106	76.8%	63.1%	White	1,624	75.2%	72.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .120 not sig.			
Odds ratio Exp(B) ⁷ : .502* sig.				Odds ratio Exp(B) ⁷ : .683* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.1%	27.9%	10.1%	3.8%	NW	11	N/A
Hispanic	57.9%	22.4%	16.8%	2.9%	White	26	N/A
White	66.7%	27.0%	4.6%	1.7%			
Other	64.8%	30.6%	4.2%	0.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-3**

Total Citations ¹ : 6,478	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,977)				ITP Stops ³ (N = 2,058)			
Mean age				Mean age			
35.05				34.78			
Gender %				Gender %			
Female		29.8%		Female		29.1%	
Male		70.0%		Male		70.7%	
Non-binary		0.1%		Non-binary		0.2%	
Race % Mis/Unk ⁴ 6.1%				Race % Mis/Unk ⁴ 5.1%			
AA/Black		15.7%		AA/Black		12.1%	
Hispanic		17.1%		Hispanic		18.7%	
White		56.8%		White		59.1%	
Other		10.4%		Other		10.1%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.7%	N/A	N/A	AA/Black	15.7%	14.5%	1.2%
Hispanic	17.1%	N/A	N/A	Hispanic	17.1%	15.2%	1.9%
White	56.8%	N/A	N/A	White	56.8%	65.1%	-8.3%
Other	10.4%	N/A	N/A	Other	10.4%	5.2%	5.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,335	38.8%	48.8%	NW	715	40.5%	41.0%
White	3,069	61.2%	51.2%	White	1,045	59.5%	59.0%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.828	not sig.
Odds ratio Exp(B) ⁷ :		.634*	sig.	Odds ratio Exp(B) ⁷ :		.955	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.3%	22.9%	7.2%	1.6%	NW	10	N/A
Hispanic	59.0%	23.7%	14.7%	2.7%	White	9	N/A
White	70.4%	23.9%	4.2%	1.5%			
Other	69.8%	24.8%	4.2%	1.1%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-4**

Total Citations ¹ : 4,577	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,904)				ITP Stops ³ (N = 1,036)			
Mean age				Mean age			
37.17				37.59			
Gender %				Gender %			
Female 27.5%				Female 27.7%			
Male 72.4%				Male 72.3%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.8%				Race % Mis/Unk ⁴ 1.5%			
AA/Black 19.3%				AA/Black 15.1%			
Hispanic 27.4%				Hispanic 26.6%			
White 43.9%				White 49.2%			
Other 9.4%				Other 9.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	19.3%	N/A	N/A	AA/Black	19.3%	14.5%	4.8%
Hispanic	27.4%	N/A	N/A	Hispanic	27.4%	15.2%	12.2%
White	43.9%	N/A	N/A	White	43.9%	65.1%	-21.2%
Other	9.4%	N/A	N/A	Other	9.4%	5.2%	4.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,101	49.2%	64.2%	NW	468	46.8%	55.6%
White	1,643	50.8%	35.8%	White	465	53.2%	44.4%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .009* sig.			
Odds ratio Exp(B) ⁷ : .548* sig.				Odds ratio Exp(B) ⁷ : .715 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.7%	19.6%	9.8%	1.9%	NW	3	N/A
Hispanic	60.1%	21.1%	16.6%	2.2%	White	2	N/A
White	77.7%	15.9%	5.2%	1.2%			
Other	72.7%	20.9%	5.4%	0.9%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-5**

Total Citations ¹ : 6,101	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,620)				ITP Stops ³ (N = 1,685)			
Mean age				Mean age			
35.43				36.27			
Gender %				Gender %			
Female 26.7%				Female 27.9%			
Male 73.3%				Male 72.1%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 3.5%				Race % Mis/Unk ⁴ 2.4%			
AA/Black 16.7%				AA/Black 14.0%			
Hispanic 42.2%				Hispanic 38.4%			
White 35.1%				White 41.6%			
Other 5.9%				Other 6.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.7%	N/A	N/A	AA/Black	16.7%	14.5%	2.2%
Hispanic	42.2%	N/A	N/A	Hispanic	42.2%	15.2%	27.0%
White	35.1%	N/A	N/A	White	35.1%	65.1%	-30.0%
Other	5.9%	N/A	N/A	Other	5.9%	5.2%	0.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,418	58.0%	71.3%	NW	871	57.5%	60.2%
White	1,836	42.0%	28.7%	White	620	42.5%	39.8%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.321	not sig.
Odds ratio Exp(B) ⁷ :		.560*	sig.	Odds ratio Exp(B) ⁷ :		.967	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.3%	15.8%	14.1%	1.9%	NW	29	N/A
Hispanic	56.7%	16.5%	22.5%	4.3%	White	12	N/A
White	70.0%	17.7%	10.0%	2.3%			
Other	68.5%	17.6%	11.9%	2.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-6**

Total Citations ¹ : 8,720	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,577)				ITP Stops ³ (N = 1,926)			
Mean age				Mean age			
37.27				37.66			
Gender %				Gender %			
Female 30.0%				Female 28.6%			
Male 70.0%				Male 71.3%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 3.8%				Race % Mis/Unk ⁴ 3.2%			
AA/Black 11.7%				AA/Black 9.0%			
Hispanic 19.8%				Hispanic 19.4%			
White 62.6%				White 66.5%			
Other 5.9%				Other 5.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.7%	N/A	N/A	AA/Black	11.7%	14.5%	-2.8%
Hispanic	19.8%	N/A	N/A	Hispanic	19.8%	15.2%	4.6%
White	62.6%	N/A	N/A	White	62.6%	65.1%	-2.5%
Other	5.9%	N/A	N/A	Other	5.9%	5.2%	0.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,650	30.1%	45.1%	NW	556	33.9%	33.6%
White	4,403	69.9%	54.9%	White	1,089	66.1%	66.4%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .893 not sig.			
Odds ratio Exp(B) ⁷ : .519* sig.				Odds ratio Exp(B) ⁷ : 1.011 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.2%	10.9%	12.3%	2.6%	NW	2	N/A
Hispanic	61.0%	11.8%	22.0%	5.2%	White	8	N/A
White	76.2%	13.2%	7.3%	3.3%			
Other	79.4%	14.4%	4.0%	2.1%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B HEADQUARTERS**

Total Citations ¹ : 4,922	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,855)				ITP Stops ³ (N = 2,068)			
Mean age				Mean age			
36.82				36.17			
Gender %				Gender %			
Female 36.5%				Female 34.9%			
Male 63.5%				Male 65.0%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.0%				Race % Mis/Unk ⁴ 0.8%			
AA/Black 11.3%				AA/Black 11.9%			
Hispanic 19.3%				Hispanic 20.9%			
White 65.6%				White 63.8%			
Other 3.8%				Other 3.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.3%	N/A	N/A	AA/Black	11.3%	14.5%	-3.2%
Hispanic	19.3%	N/A	N/A	Hispanic	19.3%	15.2%	4.1%
White	65.6%	N/A	N/A	White	65.6%	65.1%	0.5%
Other	3.8%	N/A	N/A	Other	3.8%	5.2%	-1.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,580	33.1%	38.0%	NW	679	36.0%	36.4%
White	3,029	66.9%	62.0%	White	1,199	64.0%	63.6%
Chi-square, X-tab ⁶ : .002* sig.				Chi-square, X-tab ⁶ : .875 not sig.			
Odds ratio Exp(B) ⁷ : .739* sig.				Odds ratio Exp(B) ⁷ : .706* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.5%	41.7%	14.9%	2.9%	NW	15	N/A
Hispanic	43.9%	40.7%	14.2%	1.3%	White	34	N/A
White	43.8%	49.6%	5.6%	1.0%			
Other	39.2%	60.2%	0.6%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-1**

Total Citations ¹ : 4,743	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,683)				ITP Stops ³ (N = 1,488)			
Mean age				Mean age			
38.51				38.55			
Gender %				Gender %			
Female 37.0%				Female 36.4%			
Male 62.9%				Male 63.6%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.4%				Race % Mis/Unk ⁴ 1.9%			
AA/Black 11.2%				AA/Black 10.4%			
Hispanic 11.4%				Hispanic 10.0%			
White 73.0%				White 75.7%			
Other 4.4%				Other 3.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.2%	N/A	N/A	AA/Black	11.2%	14.5%	-3.3%
Hispanic	11.4%	N/A	N/A	Hispanic	11.4%	15.2%	-3.8%
White	73.0%	N/A	N/A	White	73.0%	65.1%	7.9%
Other	4.4%	N/A	N/A	Other	4.4%	5.2%	-0.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,194	26.0%	29.3%	NW	319	24.6%	24.1%
White	3,217	74.0%	70.7%	White	988	75.4%	75.9%
Chi-square, X-tab ⁶ :		.023*	sig.	Chi-square, X-tab ⁶ :		.846	not sig.
Odds ratio Exp(B) ⁷ :		.842*	sig.	Odds ratio Exp(B) ⁷ :		1.024	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.6%	17.3%	12.7%	0.4%	NW	1	N/A
Hispanic	61.3%	22.1%	15.1%	1.5%	White	7	N/A
White	77.1%	17.9%	4.3%	0.7%			
Other	77.5%	21.0%	1.5%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-2**

Total Citations ¹ : 4,517	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,391)				ITP Stops ³ (N = 1,219)			
Mean age				Mean age			
37.19				36.04			
Gender %				Gender %			
Female 37.4%				Female 34.7%			
Male 62.3%				Male 65.2%			
Non-binary 0.3%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ 1.7%			
AA/Black 8.5%				AA/Black 6.8%			
Hispanic 9.3%				Hispanic 12.0%			
White 78.8%				White 78.2%			
Other 3.4%				Other 3.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.5%	N/A	N/A	AA/Black	8.5%	14.5%	-6.0%
Hispanic	9.3%	N/A	N/A	Hispanic	9.3%	15.2%	-5.9%
White	78.8%	N/A	N/A	White	78.8%	65.1%	13.7%
Other	3.4%	N/A	N/A	Other	3.4%	5.2%	-1.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	880	18.1%	27.9%	NW	233	21.2%	22.3%
White	3,300	81.9%	72.1%	White	848	78.8%	77.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .701 not sig.			
Odds ratio Exp(B) ⁷ : .559* sig.				Odds ratio Exp(B) ⁷ : .888 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.8%	22.1%	13.0%	8.1%	NW	10	N/A
Hispanic	56.0%	21.3%	17.7%	5.0%	White	29	N/A
White	72.0%	20.4%	4.5%	3.1%			
Other	61.7%	31.5%	4.7%	2.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-3**

Total Citations ¹ : 7,861	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,499)				ITP Stops ³ (N = 2,269)			
Mean age				Mean age			
34.28				35.26			
Gender %				Gender %			
Female 36.0%				Female 34.0%			
Male 63.9%				Male 65.9%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 0.6%			
AA/Black 18.2%				AA/Black 19.5%			
Hispanic 40.7%				Hispanic 40.5%			
White 37.8%				White 36.9%			
Other 3.3%				Other 3.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.2%	N/A	N/A	AA/Black	18.2%	14.5%	3.7%
Hispanic	40.7%	N/A	N/A	Hispanic	40.7%	15.2%	25.5%
White	37.8%	N/A	N/A	White	37.8%	65.1%	-27.3%
Other	3.3%	N/A	N/A	Other	3.3%	5.2%	-1.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,453	59.7%	66.5%	NW	1,289	63.2%	63.5%
White	2,691	40.3%	33.5%	White	747	36.8%	36.5%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.918	not sig.
Odds ratio Exp(B) ⁷ :		.772*	sig.	Odds ratio Exp(B) ⁷ :		1.048	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.7%	23.4%	18.3%	3.5%	NW	32	N/A
Hispanic	52.7%	23.0%	20.4%	3.9%	White	20	N/A
White	64.0%	27.6%	6.5%	1.9%			
Other	57.0%	35.5%	5.6%	2.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-4**

Total Citations ¹ : 4,252	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,187)				ITP Stops ³ (N = 1,338)			
Mean age				Mean age			
37.9				37.88			
Gender %				Gender %			
Female 39.2%				Female 38.2%			
Male 60.7%				Male 61.7%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.6%			
AA/Black 8.5%				AA/Black 6.4%			
Hispanic 6.2%				Hispanic 6.4%			
White 84.0%				White 85.8%			
Other 1.3%				Other 1.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.5%	N/A	N/A	AA/Black	8.5%	14.5%	-6.0%
Hispanic	6.2%	N/A	N/A	Hispanic	6.2%	15.2%	-9.0%
White	84.0%	N/A	N/A	White	84.0%	65.1%	18.9%
Other	1.3%	N/A	N/A	Other	1.3%	5.2%	-3.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	631	13.9%	20.3%	NW	160	13.3%	14.9%
White	3,317	86.1%	79.7%	White	985	86.7%	85.1%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.421	not sig.
Odds ratio Exp(B) ⁷ :		.651*	sig.	Odds ratio Exp(B) ⁷ :		1.175	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.0%	16.7%	13.9%	1.4%	NW	0	N/A
Hispanic	63.6%	22.2%	12.3%	1.9%	White	1	N/A
White	74.3%	19.1%	5.6%	0.9%			
Other	77.8%	16.7%	3.7%	1.9%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-5**

Total Citations ¹ : 3,355	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,282)				ITP Stops ³ (N = 832)			
Mean age				Mean age			
35.13				36.34			
Gender %				Gender %			
Female 36.1%				Female 35.1%			
Male 63.9%				Male 64.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 9.5%				AA/Black 7.3%			
Hispanic 21.7%				Hispanic 18.8%			
White 66.1%				White 71.5%			
Other 2.6%				Other 2.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	9.5%	N/A	N/A	AA/Black	9.5%	14.5%	-5.0%
Hispanic	21.7%	N/A	N/A	Hispanic	21.7%	15.2%	6.5%
White	66.1%	N/A	N/A	White	66.1%	65.1%	1.0%
Other	2.6%	N/A	N/A	Other	2.6%	5.2%	-2.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,068	29.8%	38.0%	NW	210	29.1%	28.1%
White	2,067	70.2%	62.0%	White	521	70.9%	71.9%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.772	not sig.
Odds ratio Exp(B) ⁷ :		.704*	sig.	Odds ratio Exp(B) ⁷ :		1.021	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	67.3%	20.5%	11.5%	0.6%	NW	1	N/A
Hispanic	61.8%	21.6%	15.2%	1.4%	White	5	N/A
White	75.6%	17.9%	4.8%	1.6%			
Other	68.6%	26.7%	4.7%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-6**

Total Citations ¹ : 7,485	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,313)				ITP Stops ³ (N = 2,303)			
Mean age				Mean age			
36.29				36.2			
Gender %				Gender %			
Female 38.2%				Female 37.6%			
Male 61.5%				Male 62.1%			
Non-binary 0.2%				Non-binary 0.3%			
Race % Mis/Unk ⁴ 3.0%				Race % Mis/Unk ⁴ 2.7%			
AA/Black 12.1%				AA/Black 12.0%			
Hispanic 21.5%				Hispanic 23.0%			
White 62.3%				White 60.7%			
Other 4.1%				Other 4.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.1%	N/A	N/A	AA/Black	12.1%	14.5%	-2.4%
Hispanic	21.5%	N/A	N/A	Hispanic	21.5%	15.2%	6.3%
White	62.3%	N/A	N/A	White	62.3%	65.1%	-2.8%
Other	4.1%	N/A	N/A	Other	4.1%	5.2%	-1.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,560	32.2%	46.0%	NW	769	35.5%	43.7%
White	4,285	67.8%	54.0%	White	1,223	64.5%	56.3%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .562* sig.				Odds ratio Exp(B) ⁷ : .757* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.2%	21.4%	14.0%	2.4%	NW	6	N/A
Hispanic	59.1%	23.6%	15.4%	1.9%	White	12	N/A
White	72.7%	21.6%	4.0%	1.6%			
Other	68.5%	26.1%	4.1%	1.4%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-8**

Total Citations ¹ : 6,010	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,809)				ITP Stops ³ (N = 1,867)			
Mean age				Mean age			
36.02				36.4			
Gender %				Gender %			
Female 35.3%				Female 35.7%			
Male 64.7%				Male 64.3%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 3.4%				Race % Mis/Unk ⁴ 2.2%			
AA/Black 12.5%				AA/Black 11.9%			
Hispanic 18.3%				Hispanic 18.2%			
White 63.5%				White 65.0%			
Other 5.7%				Other 5.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.5%	N/A	N/A	AA/Black	12.5%	14.5%	-2.0%
Hispanic	18.3%	N/A	N/A	Hispanic	18.3%	15.2%	3.1%
White	63.5%	N/A	N/A	White	63.5%	65.1%	-1.6%
Other	5.7%	N/A	N/A	Other	5.7%	5.2%	0.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,989	34.6%	41.2%	NW	582	35.9%	35.4%
White	3,418	65.4%	58.8%	White	1,045	64.1%	64.6%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .870 not sig.			
Odds ratio Exp(B) ⁷ : .763* sig.				Odds ratio Exp(B) ⁷ : 1.009 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.1%	25.8%	10.3%	1.8%	NW	0	N/A
Hispanic	62.6%	19.0%	16.2%	2.2%	White	0	N/A
White	72.3%	21.8%	4.2%	1.6%			
Other	70.4%	24.0%	4.4%	1.2%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASSACHUSETTS STATE POLICE TROOP C HEADQUARTERS

Total Citations ¹ : 3,763	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 3,739)				ITP Stops ³ (N = 1,662)			
Mean age				Mean age			
36.28				36.06			
Gender %				Gender %			
Female 30.0%				Female 30.2%			
Male 70.0%				Male 69.8%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 11.7%				AA/Black 10.6%			
Hispanic 20.7%				Hispanic 21.2%			
White 61.6%				White 62.0%			
Other 5.9%				Other 6.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.7%	N/A	N/A	AA/Black	11.7%	14.5%	-2.8%
Hispanic	20.7%	N/A	N/A	Hispanic	20.7%	15.2%	5.5%
White	61.6%	N/A	N/A	White	61.6%	65.1%	-3.5%
Other	5.9%	N/A	N/A	Other	5.9%	5.2%	0.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,357	36.9%	44.3%	NW	572	35.8%	42.8%
White	2,192	63.1%	55.7%	White	948	64.2%	57.2%
Chi-square, X-tab ⁶ : .001* sig.				Chi-square, X-tab ⁶ : .014* sig.			
Odds ratio Exp(B) ⁷ : .802* sig.				Odds ratio Exp(B) ⁷ : .961 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	52.5%	35.6%	11.2%	0.7%	NW	16	N/A
Hispanic	50.1%	34.5%	13.7%	1.7%	White	16	N/A
White	55.3%	40.8%	3.5%	0.4%			
Other	51.6%	43.3%	4.1%	0.9%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-1**

Total Citations ¹ : 7,174	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,055)				ITP Stops ³ (N = 1,981)			
Mean age				Mean age			
35.64				36.32			
Gender %				Gender %			
Female 37.7%				Female 33.0%			
Male 62.2%				Male 66.8%			
Non-binary 0.1%				Non-binary 0.2%			
Race % Mis/Unk ⁴ 1.1%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 7.8%				AA/Black 6.4%			
Hispanic 12.9%				Hispanic 13.2%			
White 74.7%				White 76.0%			
Other 4.6%				Other 4.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.8%	N/A	N/A	AA/Black	7.8%	14.5%	-6.7%
Hispanic	12.9%	N/A	N/A	Hispanic	12.9%	15.2%	-2.3%
White	74.7%	N/A	N/A	White	74.7%	65.1%	9.6%
Other	4.6%	N/A	N/A	Other	4.6%	5.2%	-0.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,716	25.2%	25.8%	NW	417	23.9%	24.0%
White	5,050	74.8%	74.2%	White	1,327	76.1%	76.0%
Chi-square, X-tab ⁶ :		.622	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.939	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.985	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.053	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	64.4%	28.5%	6.3%	0.7%	NW	2	N/A
Hispanic	57.3%	29.2%	12.2%	1.3%	White	1	N/A
White	68.5%	27.5%	3.6%	0.4%			
Other	63.9%	34.9%	1.2%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-2**

Total Citations ¹ : 7,512	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,219)				ITP Stops ³ (N = 2,337)			
Mean age				Mean age			
36.08				36.05			
Gender %				Gender %			
Female 32.8%				Female 31.7%			
Male 67.2%				Male 68.2%			
Non-binary 0.0%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.4%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 13.1%				AA/Black 10.7%			
Hispanic 21.4%				Hispanic 22.2%			
White 59.8%				White 61.7%			
Other 5.7%				Other 5.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.1%	N/A	N/A	AA/Black	13.1%	14.5%	-1.4%
Hispanic	21.4%	N/A	N/A	Hispanic	21.4%	15.2%	6.2%
White	59.8%	N/A	N/A	White	59.8%	65.1%	-5.3%
Other	5.7%	N/A	N/A	Other	5.7%	5.2%	0.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,785	34.2%	48.6%	NW	808	36.1%	43.0%
White	4,108	65.8%	51.4%	White	1,285	63.9%	57.0%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .002* sig.			
Odds ratio Exp(B) ⁷ : .548* sig.				Odds ratio Exp(B) ⁷ : .773* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.0%	28.2%	12.5%	2.3%	NW	16	N/A
Hispanic	51.1%	24.1%	21.0%	3.8%	White	7	N/A
White	60.1%	32.4%	5.9%	1.6%			
Other	58.7%	36.1%	4.1%	1.2%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-3**

Total Citations ¹ : 4,521	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,469)				ITP Stops ³ (N = 1,376)			
Mean age				Mean age			
36				35.27			
Gender %				Gender %			
Female 36.7%				Female 36.4%			
Male 63.1%				Male 63.5%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.6%				Race % Mis/Unk ⁴ 0.7%			
AA/Black 12.0%				AA/Black 9.9%			
Hispanic 19.2%				Hispanic 19.7%			
White 65.1%				White 66.9%			
Other 3.7%				Other 3.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.0%	N/A	N/A	AA/Black	12.0%	14.5%	-2.5%
Hispanic	19.2%	N/A	N/A	Hispanic	19.2%	15.2%	4.0%
White	65.1%	N/A	N/A	White	65.1%	65.1%	0.0%
Other	3.7%	N/A	N/A	Other	3.7%	5.2%	-1.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,488	29.9%	45.4%	NW	406	33.3%	33.1%
White	2,764	70.1%	54.6%	White	816	66.7%	66.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .935 not sig.			
Odds ratio Exp(B) ⁷ : .523* sig.				Odds ratio Exp(B) ⁷ : 1.461* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.9%	14.7%	13.3%	1.1%	NW	3	N/A
Hispanic	63.2%	17.1%	17.5%	2.2%	White	1	N/A
White	84.6%	11.0%	4.0%	0.4%			
Other	79.8%	11.7%	7.4%	1.2%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-4**

Total Citations ¹ : 7,565	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,261)				ITP Stops ³ (N = 2,249)			
Mean age				Mean age			
35.94				35.96			
Gender %				Gender %			
Female 31.7%				Female 31.2%			
Male 68.2%				Male 68.8%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 9.4%				Race % Mis/Unk ⁴ 13.8%			
AA/Black 12.9%				AA/Black 10.4%			
Hispanic 22.7%				Hispanic 22.3%			
White 58.6%				White 62.3%			
Other 5.9%				Other 5.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.9%	N/A	N/A	AA/Black	12.9%	14.5%	-1.6%
Hispanic	22.7%	N/A	N/A	Hispanic	22.7%	15.2%	7.5%
White	58.6%	N/A	N/A	White	58.6%	65.1%	-6.5%
Other	5.9%	N/A	N/A	Other	5.9%	5.2%	0.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,648	37.1%	48.0%	NW	657	35.2%	43.8%
White	3,734	62.9%	52.0%	White	1,096	64.8%	56.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .001* sig.			
Odds ratio Exp(B) ⁷ : .644* sig.				Odds ratio Exp(B) ⁷ : .733* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.9%	32.4%	11.1%	1.6%	NW	10	N/A
Hispanic	46.9%	35.8%	14.8%	2.5%	White	28	N/A
White	51.8%	41.6%	4.7%	1.9%			
Other	47.2%	47.0%	3.8%	2.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-5**

Total Citations ¹ : 10,226	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 9,961)				ITP Stops ³ (N = 2,952)			
Mean age				Mean age			
36.12				36.45			
Gender %				Gender %			
Female 29.7%				Female 29.7%			
Male 70.2%				Male 70.2%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.7%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 14.4%				AA/Black 13.6%			
Hispanic 18.9%				Hispanic 19.2%			
White 59.8%				White 61.8%			
Other 6.9%				Other 5.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	14.4%	N/A	N/A	AA/Black	14.4%	14.5%	-0.1%
Hispanic	18.9%	N/A	N/A	Hispanic	18.9%	15.2%	3.7%
White	59.8%	N/A	N/A	White	59.8%	65.1%	-5.3%
Other	6.9%	N/A	N/A	Other	6.9%	5.2%	1.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,806	33.7%	49.7%	NW	981	34.8%	42.1%	White	1,624	65.2%	57.9%
White	5,674	66.3%	50.3%	Chi-square, X-tab ⁶ :	.000*	sig.		Chi-square, X-tab ⁶ :	.000*	sig.	
		Odds ratio Exp(B) ⁷ :	.514* sig.			Odds ratio Exp(B) ⁷ :	.827			not sig.	

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.4%	24.2%	12.0%	5.3%	NW	69	69.0%
Hispanic	59.4%	22.4%	14.4%	3.8%	White	31	31.0%
White	69.8%	24.2%	4.2%	1.8%			
Other	61.8%	32.9%	4.1%	1.2%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-6**

Total Citations ¹ : 9,216	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 8,709)				ITP Stops ³ (N = 2,442)			
Mean age				Mean age			
35.2				36.12			
Gender %				Gender %			
Female 34.0%				Female 33.3%			
Male 65.9%				Male 66.6%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.2%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 16.1%				AA/Black 12.6%			
Hispanic 24.9%				Hispanic 23.9%			
White 53.7%				White 58.2%			
Other 5.3%				Other 5.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.1%	N/A	N/A	AA/Black	16.1%	14.5%	1.6%
Hispanic	24.9%	N/A	N/A	Hispanic	24.9%	15.2%	9.7%
White	53.7%	N/A	N/A	White	53.7%	65.1%	-11.4%
Other	5.3%	N/A	N/A	Other	5.3%	5.2%	0.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,836	43.7%	53.0%	NW	896	39.7%	47.3%
White	4,412	56.3%	47.0%	White	1,241	60.3%	52.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .001* sig.			
Odds ratio Exp(B) ⁷ : .703* sig.				Odds ratio Exp(B) ⁷ : .769* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.6%	23.8%	10.8%	1.8%	NW	25	N/A
Hispanic	57.2%	25.8%	14.8%	2.2%	White	28	N/A
White	68.7%	25.4%	4.9%	1.0%			
Other	68.5%	25.2%	5.2%	1.2%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASSACHUSETTS STATE POLICE TROOP C-7

Total Citations ¹ : 4,437	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,395)				ITP Stops ³ (N = 1,366)			
Mean age				Mean age			
36.59				36.98			
Gender %				Gender %			
Female 36.1%				Female 35.8%			
Male 63.7%				Male 64.1%			
Non-binary 0.2%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 8.5%				AA/Black 7.9%			
Hispanic 12.4%				Hispanic 11.0%			
White 76.1%				White 77.3%			
Other 2.9%				Other 3.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.5%	N/A	N/A	AA/Black	8.5%	14.5%	-6.0%
Hispanic	12.4%	N/A	N/A	Hispanic	12.4%	15.2%	-2.8%
White	76.1%	N/A	N/A	White	76.1%	65.1%	11.0%
Other	2.9%	N/A	N/A	Other	2.9%	5.2%	-2.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	999	22.6%	27.3%	NW	277	24.5%	21.6%
White	3,141	77.4%	72.7%	White	906	75.5%	78.4%
Chi-square, X-tab ⁶ :		.001*	<i>sig.</i>	Chi-square, X-tab ⁶ :		.250	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.745*	<i>sig.</i>	Odds ratio Exp(B) ⁷ :		1.042	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.1%	7.5%	11.1%	0.3%	NW	0	N/A
Hispanic	73.5%	9.5%	15.0%	2.0%	White	1	N/A
White	87.0%	7.3%	4.9%	0.8%			
Other	89.0%	8.7%	2.4%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-9 (DEVENS)**

Total Citations ¹ : 426	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 409)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
37.91				N/A			
Gender %				Gender %			
Female 35.7%				Female N/A			
Male 64.3%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 2.7%				Race % Mis/Unk ⁴ N/A			
AA/Black 13.8%				AA/Black N/A			
Hispanic 28.9%				Hispanic N/A			
White 49.7%				White N/A			
Other 7.5%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	13.8%	N/A	N/A	AA/Black	13.8%	14.5%	-0.7%
Hispanic	28.9%	N/A	N/A	Hispanic	28.9%	15.2%	13.7%
White	49.7%	N/A	N/A	White	49.7%	65.1%	-15.4%
Other	7.5%	N/A	N/A	Other	7.5%	5.2%	2.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	195	47.6%	65.2%	NW	N/A	N/A	N/A
White	189	52.4%	34.8%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ :		.008*	sig.	Chi-square, X-tab ⁶ :		N/A	N/A
Odds ratio Exp(B) ⁷ :		.382*	sig.	Odds ratio Exp(B) ⁷ :		N/A	N/A

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	93.1%	1.7%	5.2%	0.0%	NW	0	
Hispanic	87.3%	5.9%	6.8%	0.0%	White	0	
White	89.4%	7.2%	3.4%	0.0%			
Other	80.6%	19.4%	0.0%	0.0%	Counts	Percent	
Chi-square, X-tab ⁶ :		.040*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-10**

Total Citations ¹ : 10,625	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 10,134)				ITP Stops ³ (N = 2,769)			
Mean age				Mean age			
35.06				35.5			
Gender %				Gender %			
Female 28.4%				Female 28.5%			
Male 71.5%				Male 71.4%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.5%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 18.3%				AA/Black 16.7%			
Hispanic 21.3%				Hispanic 21.8%			
White 51.6%				White 53.1%			
Other 8.7%				Other 8.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.3%	N/A	N/A	AA/Black	18.3%	14.5%	3.8%
Hispanic	21.3%	N/A	N/A	Hispanic	21.3%	15.2%	6.1%
White	51.6%	N/A	N/A	White	51.6%	65.1%	-13.5%
Other	8.7%	N/A	N/A	Other	8.7%	5.2%	3.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,632	47.4%	50.6%	NW	1,131	49.0%	44.9%
White	4,900	52.6%	49.4%	White	1,251	51.0%	55.1%
Chi-square, X-tab ⁶ : .002* sig.				Chi-square, X-tab ⁶ : .052 not sig.			
Odds ratio Exp(B) ⁷ : .892* sig.				Odds ratio Exp(B) ⁷ : 1.185 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.0%	21.5%	9.8%	2.7%	NW	36	N/A
Hispanic	58.3%	19.5%	18.3%	3.8%	White	21	N/A
White	70.7%	21.9%	5.5%	1.9%			
Other	64.2%	31.5%	3.6%	0.7%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D HEADQUARTERS**

Total Citations ¹ : 14,401	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 14,226)				ITP Stops ³ (N = 3,163)			
Mean age				Mean age			
35.95				34.95			
Gender %				Gender %			
Female 35.8%				Female 30.9%			
Male 64.2%				Male 69.0%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 19.3%				AA/Black 20.2%			
Hispanic 15.0%				Hispanic 17.0%			
White 62.9%				White 60.3%			
Other 2.8%				Other 2.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	19.3%	N/A	N/A	AA/Black	19.3%	14.5%	4.8%
Hispanic	15.0%	N/A	N/A	Hispanic	15.0%	15.2%	-0.2%
White	62.9%	N/A	N/A	White	62.9%	65.1%	-2.2%
Other	2.8%	N/A	N/A	Other	2.8%	5.2%	-2.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	5,102	36.2%	42.5%	NW	1,145	39.0%	43.3%
White	8,645	63.8%	57.5%	White	1,704	61.0%	56.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .034* sig.			
Odds ratio Exp(B) ⁷ : .790* sig.				Odds ratio Exp(B) ⁷ : .912 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	38.7%	50.6%	7.8%	2.9%	NW	105	36.2%
Hispanic	30.4%	57.4%	8.3%	3.9%	White	185	63.8%
White	46.0%	49.9%	2.8%	1.3%			
Other	35.2%	61.6%	3.3%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-1**

Total Citations ¹ : 8,141	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,772)				ITP Stops ³ (N = 2,369)			
Mean age				Mean age			
38.22				38.46			
Gender %				Gender %			
Female 37.1%				Female 35.0%			
Male 62.8%				Male 64.9%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 1.0%			
AA/Black 8.8%				AA/Black 8.3%			
Hispanic 7.8%				Hispanic 9.3%			
White 79.8%				White 79.1%			
Other 3.6%				Other 3.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	8.8%	N/A	N/A	AA/Black	8.8%	14.5%	-5.7%
Hispanic	7.8%	N/A	N/A	Hispanic	7.8%	15.2%	-7.4%
White	79.8%	N/A	N/A	White	79.8%	65.1%	14.7%
Other	3.6%	N/A	N/A	Other	3.6%	5.2%	-1.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,499	17.2%	24.6%	NW	437	21.1%	20.8%
White	5,898	82.8%	75.4%	White	1,642	78.9%	79.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .868 not sig.			
Odds ratio Exp(B) ⁷ : .631* sig.				Odds ratio Exp(B) ⁷ : .870 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.4%	31.7%	7.3%	1.5%	NW	0	N/A
Hispanic	46.1%	33.8%	17.7%	2.5%	White	4	N/A
White	63.5%	31.1%	4.3%	1.1%			
Other	57.7%	38.9%	2.0%	1.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-2**

Total Citations ¹ : 4,841	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,739)				ITP Stops ³ (N = 1,376)			
Mean age				Mean age			
38.12				38.59			
Gender %				Gender %			
Female 33.3%				Female 30.9%			
Male 66.5%				Male 69.1%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 8.8%				Race % Mis/Unk ⁴ 8.7%			
AA/Black 12.1%				AA/Black 11.5%			
Hispanic 8.4%				Hispanic 9.6%			
White 77.2%				White 77.2%			
Other 2.3%				Other 1.6%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	12.1%	N/A	N/A	AA/Black	12.1%	14.5%	-2.4%
Hispanic	8.4%	N/A	N/A	Hispanic	8.4%	15.2%	-6.8%
White	77.2%	N/A	N/A	White	77.2%	65.1%	12.1%
Other	2.3%	N/A	N/A	Other	2.3%	5.2%	-2.9%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	929	21.1%	24.6%	NW	228	20.7%	22.9%
White	3,184	78.9%	75.4%	White	825	79.3%	77.1%
Chi-square, X-tab ⁶ :		.006*	sig.	Chi-square, X-tab ⁶ :		.408	not sig.
Odds ratio Exp(B) ⁷ :		.824*	sig.	Odds ratio Exp(B) ⁷ :		.902	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	76.7%	12.5%	9.5%	1.3%	NW	1	N/A
Hispanic	61.8%	15.2%	19.8%	3.2%	White	6	N/A
White	78.9%	14.1%	5.6%	1.4%			
Other	75.5%	20.6%	3.9%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-3**

Total Citations ¹ : 11,403	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 10,570)				ITP Stops ³ (N = 3,342)			
Mean age				Mean age			
35.2				35.73			
Gender %				Gender %			
Female 36.7%				Female 35.4%			
Male 63.2%				Male 64.6%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 2.1%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 19.4%				AA/Black 16.0%			
Hispanic 13.8%				Hispanic 15.3%			
White 64.9%				White 66.8%			
Other 1.9%				Other 1.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	19.4%	N/A	N/A	AA/Black	19.4%	14.5%	4.9%
Hispanic	13.8%	N/A	N/A	Hispanic	13.8%	15.2%	-1.4%
White	64.9%	N/A	N/A	White	64.9%	65.1%	-0.2%
Other	1.9%	N/A	N/A	Other	1.9%	5.2%	-3.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,522	31.4%	40.3%	NW	974	31.8%	36.3%
White	6,482	68.6%	59.7%	White	1,954	68.2%	63.7%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .017* sig.			
Odds ratio Exp(B) ⁷ : .705* sig.				Odds ratio Exp(B) ⁷ : .832 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	52.1%	30.3%	14.5%	3.2%	NW	38	N/A
Hispanic	47.0%	31.5%	17.7%	3.9%	White	50	N/A
White	59.7%	30.1%	8.2%	2.0%			
Other	55.8%	35.8%	5.6%	2.8%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-4**

Total Citations ¹ : 10,333	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 9,666)				ITP Stops ³ (N = 2,739)			
Mean age				Mean age			
35.69				36.22			
Gender %				Gender %			
Female 30.9%				Female 30.0%			
Male 69.0%				Male 69.9%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.0%				Race % Mis/Unk ⁴ 1.2%			
AA/Black 27.8%				AA/Black 23.9%			
Hispanic 14.9%				Hispanic 15.4%			
White 54.6%				White 58.0%			
Other 2.7%				Other 2.7%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	27.8%	N/A	N/A	AA/Black	27.8%	14.5%	13.3%
Hispanic	14.9%	N/A	N/A	Hispanic	14.9%	15.2%	-0.3%
White	54.6%	N/A	N/A	White	54.6%	65.1%	-10.5%
Other	2.7%	N/A	N/A	Other	2.7%	5.2%	-2.5%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,203	42.3%	50.9%	NW	995	40.2%	44.0%
White	5,047	57.7%	49.1%	White	1,396	59.8%	56.0%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .069 not sig.			
Odds ratio Exp(B) ⁷ : .727* sig.				Odds ratio Exp(B) ⁷ : .931 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.7%	24.7%	13.3%	3.3%	NW	161	59.9%
Hispanic	50.9%	26.1%	18.9%	4.1%	White	108	40.1%
White	64.3%	26.1%	7.5%	2.1%			
Other	57.8%	35.7%	4.3%	2.2%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-5**

Total Citations ¹ : 362	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 352)				ITP Stops ³ (N = 118)			
Mean age				Mean age			
36.65				37.32			
Gender %				Gender %			
Female		27.6%		Female		22.4%	
Male		72.4%		Male		77.6%	
Non-binary		0.0%		Non-binary		0.0%	
Race % Mis/Unk ⁴ 3.7%				Race % Mis/Unk ⁴ 3.4%			
AA/Black		15.0%		AA/Black		16.7%	
Hispanic		10.3%		Hispanic		7.0%	
White		74.0%		White		76.3%	
Other		0.6%		Other		0.0%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.0%	N/A	N/A	AA/Black	15.0%	14.5%	0.5%
Hispanic	10.3%	N/A	N/A	Hispanic	10.3%	15.2%	-4.9%
White	74.0%	N/A	N/A	White	74.0%	65.1%	8.9%
Other	0.6%	N/A	N/A	Other	0.6%	5.2%	-4.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	85	22.3%	32.5%	NW	23	22.1%	26.1%
White	241	77.7%	67.5%	White	77	77.9%	73.9%
Chi-square, X-tab ⁶ :		.045*	<i>sig.</i>	Chi-square, X-tab ⁶ :		.688	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.622	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		1.260	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.5%	34.0%	5.7%	1.9%	NW	0	N/A
Hispanic	33.3%	47.2%	11.1%	8.3%	White	0	N/A
White	62.3%	30.7%	5.1%	1.9%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.075	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-6**

Total Citations ¹ : 950	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 938)				ITP Stops ³ (N = 110)			
Mean age				Mean age			
40.12				40.96			
Gender %				Gender %			
Female 19.2%				Female 27.6%			
Male 80.8%				Male 72.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 6.4%				Race % Mis/Unk ⁴ 2.7%			
AA/Black 10.4%				AA/Black 16.8%			
Hispanic 25.4%				Hispanic 21.5%			
White 62.4%				White 61.7%			
Other 1.8%				Other 0.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	10.4%	N/A	N/A	AA/Black	10.4%	14.5% -4.1%
Hispanic	25.4%	N/A	N/A	Hispanic	25.4%	15.2% 10.2%
White	62.4%	N/A	N/A	White	62.4%	65.1% -2.7%
Other	1.8%	N/A	N/A	Other	1.8%	5.2% -3.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	322	37.0%	39.9%	NW	33	26.2%	53.3%
White	536	63.0%	60.1%	White	62	73.8%	46.7%
Chi-square, X-tab ⁶ : .519 not sig.				Chi-square, X-tab ⁶ : .010* sig.			
Odds ratio Exp(B) ⁷ : .744 not sig.				Odds ratio Exp(B) ⁷ : .275* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	34.0%	50.0%	11.7%	4.3%	NW	0	N/A
Hispanic	13.3%	46.0%	36.7%	4.0%	White	0	N/A
White	19.7%	65.2%	12.5%	2.7%			
Other	6.3%	75.0%	18.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-7**

Total Citations ¹ : 10,031	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 9,740)				ITP Stops ³ (N = 2,935)			
Mean age				Mean age			
38.92				38.44			
Gender %				Gender %			
Female 36.7%				Female 32.4%			
Male 63.3%				Male 67.6%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.2%				Race % Mis/Unk ⁴ 1.4%			
AA/Black 10.7%				AA/Black 10.3%			
Hispanic 8.7%				Hispanic 11.3%			
White 78.5%				White 76.5%			
Other 2.1%				Other 1.9%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	10.7%	N/A	N/A	AA/Black	10.7%	14.5% -3.8%
Hispanic	8.7%	N/A	N/A	Hispanic	8.7%	15.2% -6.5%
White	78.5%	N/A	N/A	White	78.5%	65.1% 13.4%
Other	2.1%	N/A	N/A	Other	2.1%	5.2% -3.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,983	19.3%	26.9%	NW	594	22.7%	24.6%
White	7,294	80.7%	73.1%	White	1,958	77.3%	75.4%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.302	not sig.
Odds ratio Exp(B) ⁷ :		.666*	sig.	Odds ratio Exp(B) ⁷ :		.839	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.5%	31.2%	9.7%	1.6%	NW	9	N/A
Hispanic	48.2%	31.9%	15.4%	4.4%	White	7	N/A
White	65.6%	29.4%	4.0%	1.0%			
Other	54.8%	41.3%	3.8%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP F HEADQUARTERS**

Total Citations ¹ : 868	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 819)				ITP Stops ³ (N = 234)			
Mean age				Mean age			
37.8				37.07			
Gender %				Gender %			
Female 23.4%				Female 21.2%			
Male 76.4%				Male 78.3%			
Non-binary 0.1%				Non-binary 0.4%			
Race % Mis/Unk ⁴ 2.8%				Race % Mis/Unk ⁴ 3.8%			
AA/Black 19.3%				AA/Black 20.9%			
Hispanic 25.0%				Hispanic 22.2%			
White 47.7%				White 48.4%			
Other 7.9%				Other 8.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	19.3%	N/A	N/A	AA/Black	19.3%	14.5%	4.8%
Hispanic	25.0%	N/A	N/A	Hispanic	25.0%	15.2%	9.8%
White	47.7%	N/A	N/A	White	47.7%	65.1%	-17.4%
Other	7.9%	N/A	N/A	Other	7.9%	5.2%	2.7%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	400	46.1%	65.0%	NW	105	49.3%	60.0%
White	361	53.9%	35.0%	White	96	50.7%	40.0%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.176	not sig.
Odds ratio Exp(B) ⁷ :		.471*	sig.	Odds ratio Exp(B) ⁷ :		.932	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	47.9%	37.9%	10.7%	3.6%	NW	8	N/A
Hispanic	39.2%	41.5%	18.4%	0.9%	White	3	N/A
White	45.5%	48.7%	4.0%	1.8%			
Other	45.6%	39.7%	13.2%	1.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H HEADQUARTERS**

Total Citations ¹ : 543	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 537)				ITP Stops ³ (N = 223)			
Mean age				Mean age			
34.97				35.95			
Gender %				Gender %			
Female 27.2%				Female 28.5%			
Male 72.6%				Male 71.0%			
Non-binary 0.2%				Non-binary 0.5%			
Race % Mis/Unk ⁴ 1.3%				Race % Mis/Unk ⁴ 0.9%			
AA/Black 34.0%				AA/Black 35.7%			
Hispanic 16.4%				Hispanic 15.4%			
White 43.4%				White 44.3%			
Other 6.2%				Other 4.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	34.0%	N/A	N/A	AA/Black	34.0%	14.5%	19.5%
Hispanic	16.4%	N/A	N/A	Hispanic	16.4%	15.2%	1.2%
White	43.4%	N/A	N/A	White	43.4%	65.1%	-21.7%
Other	6.2%	N/A	N/A	Other	6.2%	5.2%	1.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	292	50.9%	68.6%	NW	116	51.0%	71.7%
White	215	49.1%	31.4%	White	87	49.0%	28.3%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.007*	sig.
Odds ratio Exp(B) ⁷ :		.462*	sig.	Odds ratio Exp(B) ⁷ :		.580	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.7%	28.4%	10.4%	5.5%	NW	16	N/A
Hispanic	54.4%	33.3%	8.9%	3.3%	White	2	N/A
White	56.1%	39.6%	3.0%	1.3%			
Other	51.5%	48.5%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.004*		sig.			

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-1**

Total Citations ¹ : 184	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 176)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
37.69				N/A			
Gender %				Gender %			
Female 31.6%				Female N/A			
Male 68.4%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 0.6%				Race % Mis/Unk ⁴ N/A			
AA/Black 17.7%				AA/Black N/A			
Hispanic 15.4%				Hispanic N/A			
White 60.6%				White N/A			
Other 6.3%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	17.7%	N/A	N/A	AA/Black	17.7%	14.5%	3.2%
Hispanic	15.4%	N/A	N/A	Hispanic	15.4%	15.2%	0.2%
White	60.6%	N/A	N/A	White	60.6%	65.1%	-4.5%
Other	6.3%	N/A	N/A	Other	6.3%	5.2%	1.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	38.2%	51.9%	NW	N/A	N/A	N/A
White	102	61.8%	48.1%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .184 <i>not sig.</i>				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .687 <i>not sig.</i>				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	41.9%	51.6%	6.5%	0.0%	NW	1	N/A
Hispanic	48.3%	34.5%	3.4%	13.8%	White	0	N/A
White	52.7%	42.0%	5.4%	0.0%			
Other	27.3%	72.7%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ : .001* <i>sig.</i>							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-2**

Total Citations ¹ : 5,490	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 5,057)				ITP Stops ³ (N = 1,263)			
Mean age				Mean age			
36.37				37.04			
Gender %				Gender %			
Female 29.6%				Female 29.9%			
Male 70.3%				Male 70.1%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.5%				Race % Mis/Unk ⁴ 2.8%			
AA/Black 24.0%				AA/Black 20.0%			
Hispanic 16.0%				Hispanic 17.8%			
White 51.9%				White 53.8%			
Other 8.0%				Other 8.4%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	24.0%	N/A	N/A	AA/Black	24.0%	14.5%	9.5%
Hispanic	16.0%	N/A	N/A	Hispanic	16.0%	15.2%	0.8%
White	51.9%	N/A	N/A	White	51.9%	65.1%	-13.2%
Other	8.0%	N/A	N/A	Other	8.0%	5.2%	2.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,296	42.8%	56.8%	NW	500	44.9%	48.5%
White	2,474	57.2%	43.2%	White	582	55.1%	51.5%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.254	not sig.
Odds ratio Exp(B) ⁷ :		.568*	sig.	Odds ratio Exp(B) ⁷ :		.774	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.0%	20.1%	9.0%	1.9%	NW	13	N/A
Hispanic	57.9%	16.1%	23.6%	2.4%	White	1	N/A
White	74.2%	20.9%	4.1%	0.8%			
Other	70.8%	24.0%	4.7%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-3**

Total Citations ¹ : 5,301	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 4,754)				ITP Stops ³ (N = 1,474)			
Mean age				Mean age			
35.8				35.73			
Gender %				Gender %			
Female 30.5%				Female 30.0%			
Male 69.4%				Male 69.9%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.5%			
AA/Black 21.5%				AA/Black 17.8%			
Hispanic 16.5%				Hispanic 16.3%			
White 55.8%				White 59.8%			
Other 6.2%				Other 6.1%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	21.5%	N/A	N/A	AA/Black	21.5%	14.5%	7.0%
Hispanic	16.5%	N/A	N/A	Hispanic	16.5%	15.2%	1.3%
White	55.8%	N/A	N/A	White	55.8%	65.1%	-9.3%
Other	6.2%	N/A	N/A	Other	6.2%	5.2%	1.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,000	39.4%	53.5%	NW	519	37.1%	44.8%
White	2,528	60.6%	46.5%	White	790	62.9%	55.2%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .007* sig.			
Odds ratio Exp(B) ⁷ : .565* sig.				Odds ratio Exp(B) ⁷ : .734 not sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	53.3%	31.5%	12.8%	2.4%	NW	5	N/A
Hispanic	50.8%	29.7%	17.1%	2.4%	White	5	N/A
White	61.6%	30.2%	6.4%	1.7%			
Other	56.3%	37.7%	4.7%	1.3%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-4**

Total Citations ¹ : 7,445	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 6,870)				ITP Stops ³ (N = 1,711)			
Mean age				Mean age			
36.91				37.65			
Gender %				Gender %			
Female 27.5%				Female 27.8%			
Male 72.4%				Male 72.1%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 4.8%				Race % Mis/Unk ⁴ 3.0%			
AA/Black 21.2%				AA/Black 19.3%			
Hispanic 17.2%				Hispanic 18.7%			
White 48.9%				White 48.5%			
Other 12.8%				Other 13.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	21.2%	N/A	N/A	AA/Black	21.2%	14.5%	6.7%
Hispanic	17.2%	N/A	N/A	Hispanic	17.2%	15.2%	2.0%
White	48.9%	N/A	N/A	White	48.9%	65.1%	-16.2%
Other	12.8%	N/A	N/A	Other	12.8%	5.2%	7.6%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,232	46.3%	60.7%	NW	756	46.7%	58.5%
White	3,125	53.7%	39.3%	White	742	53.3%	41.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .580* sig.				Odds ratio Exp(B) ⁷ : .682* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.6%	20.0%	14.9%	2.4%	NW	22	N/A
Hispanic	61.1%	17.3%	18.5%	3.1%	White	7	N/A
White	72.9%	20.8%	5.3%	1.0%			
Other	78.5%	15.6%	4.8%	1.1%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-5**

Total Citations ¹ : 752	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 695)				ITP Stops ³ (N = 352)			
Mean age				Mean age			
39.08				38.13			
Gender %				Gender %			
Female 33.1%				Female 31.6%			
Male 66.9%				Male 68.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 2.4%				Race % Mis/Unk ⁴ 2.0%			
AA/Black 18.7%				AA/Black 16.5%			
Hispanic 16.7%				Hispanic 14.5%			
White 50.4%				White 50.7%			
Other 14.2%				Other 18.3%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.7%	N/A	N/A	AA/Black	18.7%	14.5%	4.2%
Hispanic	16.7%	N/A	N/A	Hispanic	16.7%	15.2%	1.5%
White	50.4%	N/A	N/A	White	50.4%	65.1%	-14.7%
Other	14.2%	N/A	N/A	Other	14.2%	5.2%	9.0%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	315	48.7%	51.8%	NW	155	48.9%	48.9%
White	326	51.3%	48.2%	White	162	51.1%	51.1%
Chi-square, X-tab ⁶ :		.603	<i>not sig.</i>	Chi-square, X-tab ⁶ :		.999	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.818	<i>not sig.</i>	Odds ratio Exp(B) ⁷ :		.824	<i>not sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	2.1%	95.2%	2.7%	0.0%	NW	1	N/A
Hispanic	2.5%	90.7%	5.9%	0.8%	White	1	N/A
White	5.2%	92.4%	2.5%	0.0%			
Other	4.9%	95.1%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.063	<i>not sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-6**

Total Citations ¹ : 7,783	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 7,443)				ITP Stops ³ (N = 1,728)			
Mean age				Mean age			
34.57				34.81			
Gender %				Gender %			
Female 27.0%				Female 28.1%			
Male 72.9%				Male 71.9%			
Non-binary 0.1%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 0.8%				Race % Mis/Unk ⁴ 1.3%			
AA/Black 38.0%				AA/Black 37.0%			
Hispanic 22.1%				Hispanic 21.9%			
White 32.5%				White 33.2%			
Other 7.4%				Other 8.0%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	38.0%	N/A	N/A	AA/Black	38.0%	14.5%	23.5%
Hispanic	22.1%	N/A	N/A	Hispanic	22.1%	15.2%	6.9%
White	32.5%	N/A	N/A	White	32.5%	65.1%	-32.6%
Other	7.4%	N/A	N/A	Other	7.4%	5.2%	2.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,884	61.0%	73.8%	NW	1,038	64.3%	69.1%
White	2,355	39.0%	26.2%	White	525	35.7%	30.9%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .047* sig.			
Odds ratio Exp(B) ⁷ : .563* sig.				Odds ratio Exp(B) ⁷ : .732* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.0%	10.2%	10.2%	1.6%	NW	72	N/A
Hispanic	75.0%	9.9%	13.6%	1.5%	White	19	N/A
White	78.7%	12.9%	6.3%	2.0%			
Other	78.4%	15.7%	5.4%	0.5%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASSACHUSETTS STATE POLICE TROOP H-7

Total Citations ¹ : 9,553	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 8,743)				ITP Stops ³ (N = 2,252)			
Mean age				Mean age			
35.86				37.29			
Gender %				Gender %			
Female 30.5%				Female 32.5%			
Male 69.4%				Male 67.4%			
Non-binary 0.0%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.5%				Race % Mis/Unk ⁴ 1.8%			
AA/Black 42.0%				AA/Black 38.0%			
Hispanic 18.1%				Hispanic 16.9%			
White 34.9%				White 39.3%			
Other 5.0%				Other 5.8%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	42.0%	N/A	N/A	AA/Black	42.0%	14.5%	27.5%
Hispanic	18.1%	N/A	N/A	Hispanic	18.1%	15.2%	2.9%
White	34.9%	N/A	N/A	White	34.9%	65.1%	-30.2%
Other	5.0%	N/A	N/A	Other	5.0%	5.2%	-0.2%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	5,445	61.2%	70.4%	NW	1,189	58.8%	61.7%
White	2,932	38.8%	29.6%	White	794	41.2%	38.3%
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>	Chi-square, X-tab ⁶ :		.187	<i>not sig.</i>
Odds ratio Exp(B) ⁷ :		.661*	<i>sig.</i>	Odds ratio Exp(B) ⁷ :		.775*	<i>sig.</i>

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.4%	16.3%	8.3%	2.0%	NW	195	77.1%
Hispanic	68.1%	18.6%	10.9%	2.4%	White	58	22.9%
White	73.2%	21.2%	4.2%	1.3%			
Other	72.4%	22.9%	3.0%	1.7%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	<i>sig.</i>				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-8**

Total Citations ¹ : 6,934	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 6,567)				ITP Stops ³ (N = 1,692)			
Mean age				Mean age			
35.93				36.67			
Gender %				Gender %			
Female		31.0%		Female		32.4%	
Male		69.0%		Male		67.5%	
Non-binary		0.1%		Non-binary		0.1%	
Race % Mis/Unk ⁴ 2.0%				Race % Mis/Unk ⁴ 1.9%			
AA/Black		15.7%		AA/Black		10.4%	
Hispanic		18.1%		Hispanic		17.7%	
White		53.9%		White		61.8%	
Other		12.3%		Other		10.0%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	15.7%	N/A	N/A	AA/Black	15.7%	14.5%	1.2%
Hispanic	18.1%	N/A	N/A	Hispanic	18.1%	15.2%	2.9%
White	53.9%	N/A	N/A	White	53.9%	65.1%	-11.2%
Other	12.3%	N/A	N/A	Other	12.3%	5.2%	7.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,896	43.6%	50.0%	NW	524	37.8%	38.3%
White	3,379	56.4%	50.0%	White	857	62.2%	61.7%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.860	not sig.
Odds ratio Exp(B) ⁷ :		.772*	sig.	Odds ratio Exp(B) ⁷ :		.862	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.7%	22.4%	10.4%	1.5%	NW	8	N/A
Hispanic	63.1%	20.2%	14.8%	1.9%	White	5	N/A
White	75.3%	21.1%	3.0%	0.6%			
Other	71.5%	25.0%	2.9%	0.6%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-9**

Total Citations ¹ : 12,418	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops² (N = 11,609)				ITP Stops³ (N = 2,653)			
Mean age				Mean age			
36.59				37.16			
Gender %				Gender %			
Female		26.5%		Female		25.4%	
Male		73.5%		Male		74.5%	
Non-binary		0.1%		Non-binary		0.1%	
Race %		Mis/Unk ⁴		Race %		Mis/Unk ⁴	
AA/Black		26.2%		AA/Black		22.5%	
Hispanic		24.0%		Hispanic		23.7%	
White		39.8%		White		43.7%	
Other		10.0%		Other		10.1%	

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	26.2%	N/A	N/A	AA/Black	26.2%	14.5%	11.7%
Hispanic	24.0%	N/A	N/A	Hispanic	24.0%	15.2%	8.8%
White	39.8%	N/A	N/A	White	39.8%	65.1%	-25.3%
Other	10.0%	N/A	N/A	Other	10.0%	5.2%	4.8%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops²				ITP Stops³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	6,636	52.3%	72.2%	NW	1,298	52.9%	63.9%
White	4,359	47.7%	27.8%	White	998	47.1%	36.1%
Chi-square, X-tab ⁶ :		.000*	sig.	Chi-square, X-tab ⁶ :		.000*	sig.
Odds ratio Exp(B) ⁷ :		.439*	sig.	Odds ratio Exp(B) ⁷ :		.636*	sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.9%	29.9%	10.4%	1.8%	NW	16	N/A
Hispanic	46.8%	35.1%	16.1%	2.0%	White	0	N/A
White	49.2%	44.6%	4.4%	1.8%			
Other	53.4%	41.6%	4.1%	0.9%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
All MASSACHUSETTS STATE POLICE**

Total Citations ¹ : 284,258	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 270,275)				ITP Stops ³ (N = 79,468)			
Mean age				Mean age			
36.31				36.5			
Gender %				Gender %			
Female 32.3%				Female 31.4%			
Male 67.6%				Male 68.5%			
Non-binary 0.1%				Non-binary 0.1%			
Race % Mis/Unk ⁴ 3.2%				Race % Mis/Unk ⁴ 3.0%			
AA/Black 16.9%				AA/Black 14.7%			
Hispanic 18.9%				Hispanic 19.2%			
White 58.7%				White 60.9%			
Other 5.5%				Other 5.2%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	16.9%	N/A	N/A	AA/Black	16.9%	14.5%	2.4%
Hispanic	18.9%	N/A	N/A	Hispanic	18.9%	15.2%	3.7%
White	58.7%	N/A	N/A	White	58.7%	65.1%	-6.4%
Other	5.5%	N/A	N/A	Other	5.5%	5.2%	0.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104,822	37.2%	48.9%	NW	26,967	37.8%	41.5%
White	148,324	62.8%	51.1%	White	42,056	62.2%	58.5%
Chi-square, X-tab ⁶ : .000* sig.				Chi-square, X-tab ⁶ : .000* sig.			
Odds ratio Exp(B) ⁷ : .620* sig.				Odds ratio Exp(B) ⁷ : .851* sig.			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.6%	25.2%	10.9%	2.3%	NW	1059	56.4%
Hispanic	55.0%	26.0%	16.1%	2.9%	White	818	43.6%
White	66.1%	27.5%	5.0%	1.5%			
Other	64.0%	30.7%	4.2%	1.1%		Counts	Percent
Chi-square, X-tab ⁶ : .000* sig.							

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 OTHER STATE DEPARTMENTS/AGENCIES

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BRIDGEWATER STATE UNIVERSITY**

Total Citations ¹ : 132	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 128)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
27.5				N/A			
Gender %				Gender %			
Female 37.5%				Female N/A			
Male 62.5%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 0.8%				Race % Mis/Unk ⁴ N/A			
AA/Black 18.1%				AA/Black N/A			
Hispanic 8.7%				Hispanic N/A			
White 72.4%				White N/A			
Other 0.8%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.1%	N/A	N/A	AA/Black	18.1%	14.5%	3.6%
Hispanic	8.7%	N/A	N/A	Hispanic	8.7%	15.2%	-6.5%
White	72.4%	N/A	N/A	White	72.4%	65.1%	7.3%
Other	0.8%	N/A	N/A	Other	0.8%	5.2%	-4.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	16.2%	41.8%	NW	N/A	N/A	N/A
White	89	83.8%	58.2%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .002* sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .241* sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	69.6%	4.3%	26.1%	0.0%	NW	0 N/A
Hispanic	54.5%	9.1%	36.4%	0.0%	White	0 N/A
White	78.1%	15.6%	4.2%	2.1%		
Other	100.0%	0.0%	0.0%	0.0%		Counts Percent
Chi-square, X-tab ⁶ : .021* sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS ENVIRONMENTAL POLICE DEPARTMENT**

Total Citations ¹ : 645	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 603)				ITP Stops ³ (N = 199)			
Mean age				Mean age			
35.8				34.1			
Gender %				Gender %			
Female 17.1%				Female 14.7%			
Male 82.7%				Male 84.8%			
Non-binary 0.2%				Non-binary 0.5%			
Race % Mis/Unk ⁴ 4.0%				Race % Mis/Unk ⁴ 2.5%			
AA/Black 7.3%				AA/Black 6.7%			
Hispanic 8.8%				Hispanic 8.2%			
White 83.1%				White 84.5%			
Other 0.9%				Other 0.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	7.3%	N/A	N/A	AA/Black	7.3%	14.5%	-7.2%
Hispanic	8.8%	N/A	N/A	Hispanic	8.8%	15.2%	-6.4%
White	83.1%	N/A	N/A	White	83.1%	65.1%	18.0%
Other	0.9%	N/A	N/A	Other	0.9%	5.2%	-4.3%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	95	16.7%	21.3%	NW	28	13.5%	23.1%
White	450	83.3%	78.7%	White	152	86.5%	76.9%
Chi-square, X-tab ⁶ :		.287	not sig.	Chi-square, X-tab ⁶ :		.143	not sig.
Odds ratio Exp(B) ⁷ :		.761	not sig.	Odds ratio Exp(B) ⁷ :		.374	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	20.9%	46.5%	32.6%	0.0%	NW	3	N/A
Hispanic	20.4%	57.4%	18.5%	3.7%	White	8	N/A
White	32.8%	54.8%	8.5%	3.9%			
Other	40.0%	60.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MBTA POLICE**

Total Citations ¹ : 305	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 261)				ITP Stops ³ (N = N/A)			
Mean age				Mean age			
39.4				N/A			
Gender %				Gender %			
Female 30.2%				Female N/A			
Male 69.8%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk ⁴ 6.9%				Race % Mis/Unk ⁴ N/A			
AA/Black 25.5%				AA/Black N/A			
Hispanic 16.5%				Hispanic N/A			
White 47.7%				White N/A			
Other 10.3%				Other N/A			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	25.5%	N/A	N/A	AA/Black	25.5%	14.5%	11.0%
Hispanic	16.5%	N/A	N/A	Hispanic	16.5%	15.2%	1.3%
White	47.7%	N/A	N/A	White	47.7%	65.1%	-17.4%
Other	10.3%	N/A	N/A	Other	10.3%	5.2%	5.1%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	107	52.1%	50.0%	NW	N/A	N/A	N/A
White	101	47.9%	50.0%	White	N/A	N/A	N/A
Chi-square, X-tab ⁶ : .772 not sig.				Chi-square, X-tab ⁶ : N/A N/A			
Odds ratio Exp(B) ⁷ : .972 not sig.				Odds ratio Exp(B) ⁷ : N/A N/A			

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	18.2%	42.9%	39.0%	0.0%	NW	1 N/A
Hispanic	23.6%	45.5%	29.1%	1.8%	White	1 N/A
White	45.3%	35.2%	19.5%	0.0%		
Other	32.0%	60.0%	8.0%	0.0%		Counts Percent
Chi-square, X-tab ⁶ : .000* sig.						

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
UNIVERSITY OF MASSACHUSETTS AMHERST POLICE DEPARTMENT**

Total Citations ¹ : 1,267	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	N/A	Citations per 1000	
	Passing through:	N/A	18 + residents:	N/A

¹Total citations issued by department, including multiple-citation encounters and crashes

All Stops ² (N = 1,231)				ITP Stops ³ (N = 479)			
Mean age				Mean age			
29.78				29.07			
Gender %				Gender %			
Female 35.7%				Female 37.7%			
Male 64.1%				Male 62.3%			
Non-binary 0.2%				Non-binary 0.0%			
Race % Mis/Unk ⁴ 1.9%				Race % Mis/Unk ⁴ 2.1%			
AA/Black 11.2%				AA/Black 9.8%			
Hispanic 5.0%				Hispanic 4.3%			
White 69.3%				White 71.4%			
Other 14.6%				Other 14.5%			

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average ⁵			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	11.2%	N/A	N/A	AA/Black	11.2%	14.5%	-3.3%
Hispanic	5.0%	N/A	N/A	Hispanic	5.0%	15.2%	-10.2%
White	69.3%	N/A	N/A	White	69.3%	65.1%	4.2%
Other	14.6%	N/A	N/A	Other	14.6%	5.2%	9.4%

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops ²				ITP Stops ³			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	349	27.6%	36.9%	NW	125	29.2%	28.7%
White	799	72.4%	63.1%	White	306	70.8%	71.3%
Chi-square, X-tab ⁶ :		.001*	sig.	Chi-square, X-tab ⁶ :		.929	not sig.
Odds ratio Exp(B) ⁷ :		.616*	sig.	Odds ratio Exp(B) ⁷ :		.912	not sig.

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race ⁸							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	67.9%	17.1%	14.3%	0.7%	NW	1	N/A
Hispanic	64.5%	14.5%	17.7%	3.2%	White	4	N/A
White	72.9%	21.5%	4.4%	1.2%			
Other	67.0%	22.9%	9.5%	0.6%		Counts	Percent
Chi-square, X-tab ⁶ :		.000*	sig.				

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

Appendix D **2021 List of Departments Not Analyzed**⁴¹

Department	Total Stops		Department	Total Stops
AMTRAK Police Dept.	< 5		New Ashford Police Dept.	< 5
Aquinnah Police Dept.	43		New Braintree Police Dept.	48
Ashfield Police Dept.	93		New Salem Police Dept.	28
Berkley Police Dept.	81		North Brookfield Police Dept.	91
Bernardston Police Dept.	39		Northeastern University	< 5
Blandford Police Dept.	9		Otis Police Dept.	42
Carlisle Police Dept.	67		Pelham Police Dept.	82
Charlemont Police Dept.	7		Peru Police Dept.	13
Cheshire Police Dept.	30		Plainfield Police Dept.	43
Chester Police Dept.	84		Richmond Police Dept.	< 5
Chesterfield Police Dept.	34		Rowe Police Dept.	9
Chilmark Police Dept.	14		Salem State University	40
Clarksburg Police Dept.	19		Sandisfield Police Dept.	24
Conway Police Dept.	16		Savoy Police Dept.	< 5
Cummington Police Dept.	< 5		Tyringham Police Dept.	< 5
Fitchburg State University	< 5		Univ Of Mass Dartmouth	< 5
Florida Police Dept.	< 5		Univ Of Mass Lowell	< 5
Framingham State College	< 5		Univ Of Mass Worcester	27
Gill Police Dept.	97		W. Stockbridge Police Dept	87

⁴¹These departments were not analyzed due to an insufficient number of citations (<100). A minimum sample threshold was necessary to ensure robustness of statistical tests.

Goshen Police Dept.	27		W. Tisbury Police Dept.	55
Hancock Police Dept.	< 5		Wales Police Dept.	13
Heath Police Dept.	7		Washington Police Dept.	< 5
Hinsdale Police Dept.	54		Wendell Police Dept.	15
Huntington Police Dept.	53		Westfield State University	23
Lanesborough Police Dept.	41		Westhampton Police Dept.	19
Mass College of Liberal Arts	25		Whately Police Dept.	96
Massachusetts Maritime Police	< 5		Windsor Police Dept.	38
Middlefield Police Dept.	6		Worcester State University	5
Monterey Police Dept.	60		Worthington Police Dept.	23
Montgomery Police Dept.	< 5			

Appendix D **2022 List of Departments Not Analyzed**⁴²

Department	Total Citations		Department	Total Citations
Amherst College Police Dept.	< 5		Mass College of Liberal Arts	20
Aquinnah Police Dept.	37		Massasoit Community College	5
Ashfield Police Dept.	75		Middlefield Police Dept.	7
Babson College Police Dept	< 5		Monterey Police Dept.	80
Berklee College of Music	< 5		Mt Wachusett Community College	5
Bernardston Police Dept.	55		New Ashford Police Dept.	5
Blandford Police Dept.	38		North Brookfield Police Dept.	61
Boston College	8		Northeastern University	< 5
Boston University Police	5		Otis Police Dept.	87
Bristol Community College	< 5		Peru Police Dept.	18
Buckland Police Dept	21		Phillipston Police Dept.	78
Bunker Hill Community College	26		Quinsigamond Community College	26
Cape Cod Community College	5		Regis College	< 5
Carlisle Police Dept.	66		Rockport Police Dept.	90
Charlemont Police Dept.	31		Rowe Police Dept.	< 5
Chatham Police Dept.	76		Salem State University	68

⁴²These departments were not analyzed due to an insufficient number of citations (<100). A minimum sample threshold was necessary to ensure robustness of statistical tests.

Chesterfield Police Dept	25		Savoy Police Dept.	5
Chilmark Police Dept.	14		Springfield College	48
Clarksburg Police Dept.	6		Springfield Technical Community College	8
Conway Police Dept.	10		Stonehill College	< 5
Dean Junior College	< 5		Tufts University Police	< 5
Fitchburg State University	< 5		University of Massachusetts Boston	66
Florida Police Dept.	< 5		University of Massachusetts Dartmouth	< 5
Gill Police Dept.	82		University of Massachusetts Lowell	< 5
Goshen Police Dept.	49		University of Massachusetts Worcester	54
Greenfield Community College	< 5		W. Tisbury Police Dept.	61
Hampden County Sheriff's Dept.	9		Warwick Police Dept.	89
Hatfield Police Dept.	53		Washington Police Dept.	8
Heath Police Department	< 5		Wendell Police Dept.	8
Holy Cross College	< 5		Wentworth Institute	< 5
Holyoke Community College	< 5		Westfield State University	10
Huntington Police Dept.	15		Westhampton Police Dept.	6
Lanesborough Police Dept.	89		Windsor Police Dept.	5
Lasell College	< 5		Worcester County House of Corrections	96
Leyden Police Dept.	23		Worcester State University	23
M.I.T. Campus Police	< 5		Worthington Police Dept.	39

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