

2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT¹

Salem State University

Worcester State University

February 7, 2022

¹ The Massachusetts Uniform Citation Data Analysis project was supported by the Massachusetts Executive Office of Public Safety and Security (EOPSS) (Requisition#: RQ-21-1044-EPS11-10440-328402). Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the EOPSS.

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ACKNOWLEDGEMENTS

The Massachusetts Uniform Citation Data Analysis report is the result of the dedication and commitment of numerous individuals. We would like to begin by extending our deepest gratitude to the numerous individuals at the Massachusetts Executive Office of Public Safety and Security (EOPSS) who have worked with us throughout the duration of this project, including Christopher Bruell, Program Manager, Office of Grants and Research (OGR); Lisa Sampson, Research and Policy Analysis Division Director, OGR; Elizabeth Flynn, Justice and Prevention Division Manager, OGR; Kevin Stanton, Executive Director, OGR; Susan Terrey, General Counsel, EOPSS; Daniel Nakamoto, Chief Operating Officer, EOPSS; John Melander, Deputy General Counsel, EOPSS; Michaela Dunne, Deputy Commissioner, Department of Criminal Justice Information Services; Chief Jeff Farnsworth, Senior Policy Advisor to Public Safety, EOPSS; and Thomas Turco III, former Secretary of Public Safety and Security, EOPSS; and Terrence Reidy, Secretary of Public Safety and Security, EOPSS. Without their invaluable support, guidance and feedback, this report would not have been possible.

We wish to acknowledge Zack Martin from the Department of Transportation Registry of Motor Vehicles and Paul Franzese, former director of the Merit Rating Board as they assisted with the data for this project. We also want to thank Robert Kearney, Program Coordinator, Highway Safety Division, OGR and Robert Frey, Department of Transportation (DOT) Director of Project-Oriented Planning, for their time and assistance in exploring different methods for this project.

We are also very thankful to Elaine Milo (Associate Director of Grants at Salem State University) for her technical assistance in securing the funding for this project. Finally, we are

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very grateful to Tamara Nohelty (Administrative Assistant for Criminal Justice at Salem State University) for her assistance with numerous administrative tasks for this grant.

Traffic Stop Data Analysis & Findings in Massachusetts, 2020

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 (Commonwealth of Massachusetts, 2020).

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

As such, the current study analyzes traffic stop data collected in Massachusetts from February 23, 2020 through December 31, 2020 for the Commonwealth as a whole and by municipality. In total, 425,702 traffic stops conducted by a total of 350 law enforcement agencies during the 10-month period were analyzed. The overall goal of this study is to learn more about potential patterns of racial disparities in traffic stops for the purposes of

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understanding the causes of these disparities.

We first discuss our methodological approach, including a description of the variables available for the analyses and the types of analyses used in both the statewide evaluation and the department-level evaluations. The current study utilizes multiple types of analyses. For the statewide analysis of stops, 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 analytical tools examine potential racial disparities in post-stop outcomes, including the decision to issue a warning or a citation and the decision to conduct a non-inventory search. One of the analytical tools 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 easily observed. 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. 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 a minimum of 100 stops. In total, about 80.9% of 350 agencies had 100 or more stops. Each department report can be found listed in alphabetical order in Appendix C. Finally, we conclude

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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 for future reports.

Major Findings

Characteristics of the Statewide Traffic Stop Data

Information About the Stops

- There were a total of 425,702 motor vehicle stops during the 10-month period by a total of 350 law enforcement agencies including municipal police departments and the various Massachusetts State Police units.
- About 60% of the traffic stops were conducted by the municipal police departments and 40% of the total stops were conducted by the state police.
- About 11.6% of stops occurred from 12:01 a.m. - 6:00 a.m., 28.5% of stops occurred from 6:01 a.m. - 12:00 p.m., 34.8% of stops occurred between 12:01 p.m. - 6:00 p.m. and the remaining 25.2% of stops occurred between 6:01 p.m. and 12:00 a.m.
- The total stops per month varied from a high of 54,678 in September 2020 to a low of 7,960 in April 2020. The low volume of stops in April 2020 is not surprising given the COVID-19 pandemic restrictions. The average stops per day varied from a low of 265.33 stops per day in April 2020 to 1,822.6 stops per day in September 2020.

Demographics of Stopped Motorists

- Regarding the gender of stopped drivers in Massachusetts as a whole during this period, 65% were male, 34% were female, and about 1% were non-binary.
- The mean age of stopped drivers was about 37 years-old.
- About 39% of stopped drivers were 29 years-old or younger and the remaining 61% were 30 years-old or older.
- About 16% of stopped drivers in the state as a whole were African American/Black, 15% were Hispanic, 65% were White, and 4% were Other (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander).
- Nearly 68% of motor vehicle stops were not residents of the jurisdiction where the stop occurred.

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Major Findings of the Statewide Analyses

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

- The chi-square test for the state as a whole for all stops (n = 425,702) was statistically significant, which is taken as evidence that there is a relationship between the likelihood of a Non-White motorist being stopped during the day as compared to darkness (as well as 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 likely* to be stopped in daylight than in darkness whereas Non-White motorists are *less likely* to be stopped in daylight than in darkness.
- The VoD logistic regression for all stops statewide (n = 425,702) was also statistically significant. Specifically, the odds ratio was .641. This means that Non-White motorists were 36% *less likely* to be stopped in daylight than in darkness. This finding means that no support was shown for a pattern of racial disparity based on the VoD analysis for the state as a whole.

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

- The chi-square test for the state as a whole for only the ITP stops (n = 137,493) was NOT statistically significant, which is taken as evidence that there is no relationship between the likelihood of a Non-White motorist being stopped during the day as compared to darkness. The results of this test for only the ITP stops show much more similar *within race* percentages of stops during daylight as compared to darkness, with Non-White motorists being slightly more likely to be stopped in daylight as compared to darkness and White motorists being slightly more likely to be stopped in darkness than in daylight.
- The VoD logistic regression for ITP stops only statewide (n = 137,493) was NOT statistically significant. This finding also means that no support was shown for a pattern of racial disparity based on the VoD analysis for the state as a whole.

Test for Disparities in Outcomes of Traffic Stops

- 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. African American/Black motorists were least likely to receive a civil citation, followed by White motorists.

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- 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 don't know about the circumstances of the stop that could definitely influence the outcome of the stop.

Tests for Disparities in the Decision to Search

- Only about 1% of traffic stops statewide resulted in a discretionary, non-inventory search (n = 3,724). 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.
- The results indicate that Non-White motorists were more likely to be subjected to a non-inventory, discretionary search. Specifically, the results show that while about .74% of White motorists were subjected to a non-inventory, discretionary search, 1.21% 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 doesn't 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 stops during the 10-month data collection period. In total, about 80.9% of 350 agencies had 100 or more stops.

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- As previously noted, the Veil of Darkness (VoD) is considered the most robust analysis for examining possible racial disparities in traffic stops. In total, the results showed that three departments (Hadley Police Department, Ludlow Police Department and Massachusetts State Police Troop H-3) had odds ratios that indicated that Non-White drivers were more likely to be stopped during the day than at night. We caution that this does NOT prove that any of these 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.

BACKGROUND OF CURRENT STUDY

Chapter 122 of the Acts of 2019, *An Act Requiring the Hands-Free Use of Mobile Telephones While Driving*²

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 (Commonwealth of Massachusetts, 2020).

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 Uniform Citations 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
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

² A 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>.

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5. Whether the stop resulted in a warning, citation, or arrest

Under the Act, the RMV must provide all of the collected data to 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.

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THE CURRENT STUDY

The current study analyzes traffic stop data collected in Massachusetts from February 23, 2020 through December 31, 2020 for the Commonwealth as a whole and by municipality. The overall goal of this study is to learn more about potential patterns of racial disparities in traffic stops for the purposes 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. 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 *other than* 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 stop data is an important starting point to identifying meaningful racial disparities. As such, this study addresses the following research questions:

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1. What is the general pattern of traffic enforcement in Massachusetts?
2. Are Non-White motorists stopped more often than their representation in the driving population would predict?
3. Are Non-White motorists more likely to receive a warning, citation, or arrest than White motorists?
4. Are Non-White motorists more likely to be subject to a discretionary, non-inventory search than White motorists?

In the sections that follow, we first discuss our methodological approach, including a description of the variables available for the analyses and the types of analyses used in both the statewide evaluation and the 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 (February 23, 2020 through December 31, 2020). 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 stops during the data collection period.³ 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). Finally, we conclude with a summary of the major findings, a discussion of the strengths and limitations of the data, and some recommendations to improve the data.

³ A 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 total, about 80.9% of 350 agencies had 100 or more stops.

METHODOLOGICAL APPROACH

Description of Variables Available for Analysis

In this section, we provide a detailed description of the variables available for analyses, including the motorist demographic variables and the 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.
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-binary⁴ 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 include: African, American, Asian, Asian Pacific, African American, Cape Verdean, Hispanic, Middle Eastern, American Indian, Pacific Islander, Unknown and White. For the purposes of the analyses, these categories were collapsed into the following new categories: Black/African American, Hispanic, White, and Other (which includes Asian, Asian Pacific, American Indian, Middle Eastern and Pacific Islander). For some of the analyses, the race/ethnicity categories were further collapsed into Non-White and White. The Non-White category includes African-American/Black motorists, Hispanic motorists, and Other motorists.⁵

Information About the Stop

1. *Date the Stop Occurred.* Law enforcement officers are required to report the date (month/day/year) of the stop.

⁴ Effective 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.

⁵ Approximately 3.6 percent of cases did not identify race (2.8% were labeled as "unknown" and .8% were missing an entry).

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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 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.
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.

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 have not identified an accepted threshold for differences between the demographics of drivers stopped and the demographics of the driving population. In other words, 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* types of analyses and benchmarks to determine if potential disparities exist in certain communities (Officer, McAlister, Weinerman, Rau & Tallan, 2020; Barone, Fazzalano, Kalinowski, & Ross,

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2020; McDevitt et al., 2014). Using multiple types of analyses protects against the possibility that any single analysis could produce false positives or false negatives (Officer et al., 2020).

In keeping with best practices, the current study utilizes multiple types of analyses and benchmarks. For the statewide analysis of stops, 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 analytical tools examine potential racial disparities in *post-stop outcomes*, including the decision to issue a warning or a citation and the decision to conduct a discretionary search.

The specific analytical tools used in the current study are described below:

Veil of Darkness Analysis (VoD). Developed by Jeffrey Grogger and Greg Ridgeway (2006) and largely considered to be the “gold standard” of statistical analyses to examine the initial decision to stop an individual, 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 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

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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, 2020 when it was dark at 6:00 p.m. to stops made two months later at the same time on April 23, 2020, when it was still light outside.

Because we do not have 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 is 4:35 a.m. – 7:16 a.m. and the dusk intertwilight period is 4:14 p.m. through 9:02 p.m. This analysis included 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 was conducted for the state as a whole and for departments that a) had a minimum of 100 stops 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).

As a comparison, we also conducted a VoD analysis using all stops for the statewide analysis and for each department. This analysis is not as robust as the VoD model using only stops during the combined ITP, which controls for driving population. However, it still allows for a comparison of racial differences in stopped motorists in daylight and darkness and also

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provides departments who don't meet the minimum sample threshold of 100 stops during the combined ITP period with a VoD analysis.

We first utilized cross-tabs, which is a method to quantitatively analyze the relationship between multiple variables in a dataset. Cross-tabs were then tested for significance with a Pearson's chi-square test for a 2x2 table. 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 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 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 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, or variables that take on one of two possible outcomes.

If the odds ratio is not statistically different from 1.0, that means that the analysis finds no difference in stops made during daylight and darkness. Conversely, if the odds ratio is greater than 1.0 and is statistically significant, that means that the analysis found that the odds of a Non-White driver being stopped in daylight is significantly higher than in darkness. This is

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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 is 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 is 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 as Non-White drivers are 79% *more* likely to be stopped in daylight than in darkness.

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 interpretation would be that Non-White drivers are 55% *less* likely to be stopped in daylight than in darkness.

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 given 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

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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 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 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-squares⁶ for both the statewide analysis and the department-level analyses. 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.

⁶ We used an alpha level of .05 for all statistical tests.

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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.

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

Furthermore, for the statewide analysis *only*, we also tested the cross-tabs for statistical significance with chi-squares to determine if the differences in non-inventory searches by

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race/ethnicity were statistically significant. Due to the very small number of searches by departments, chi-squares were not used for the department-level analyses to test for disparities in the decision to search.

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CHARACTERISTICS OF STATEWIDE TRAFFIC STOP DATA

All Stops (Statewide)

Information About the Stops

Using data collected from traffic stops that took place from February 23, 2020 through December 31, 2020, this section examines the general pattern of traffic enforcement in Massachusetts during this time period. Table 1 displays the descriptive statistics for all stops as well as only the stops during the intertwillight period (ITP) for the state as a whole.

Table 1. Statewide Descriptive Statistics, All Stops vs. ITP Stops

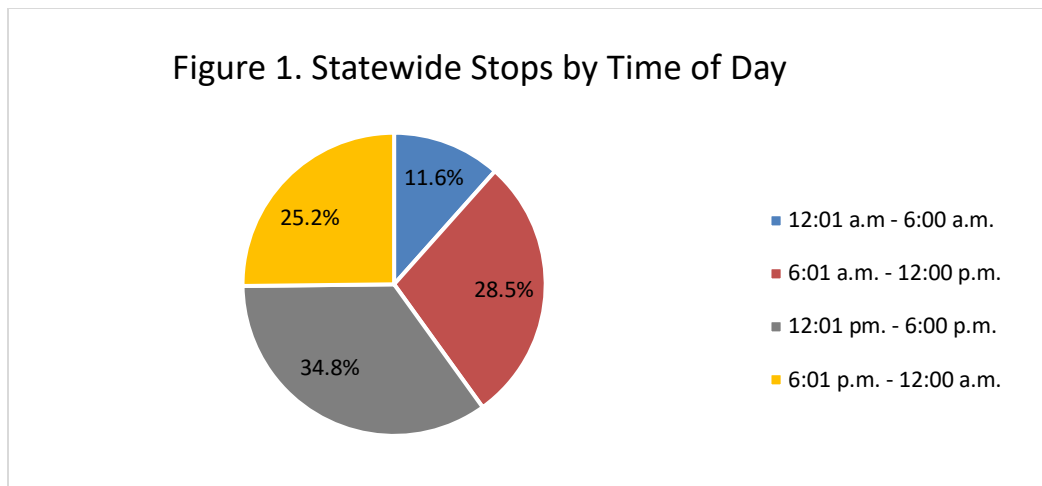
All stops (N = 425,702)			ITP stops only (N= 137,493, 32.2% of all stops)		
Mean age		37.2	Mean age		36.9
Zip Code Matching	Intown motorist	32.1%	Zip Code Matching	Intown motorist	32.4%
	Passing through	67.9%		Passing through	67.6%
Gender	%		Gender	%	
	Female	34.0%		Female	33.0%
	Male	65.2%		Male	66.2%
	Non-binary	0.9%		Non-binary	0.8%
Race	%		Race	%	
	AA/Black	15.7%		AA/Black	14.7%
	Hispanic	14.7%		Hispanic	14.4%
	White	65.5%		White	66.8%
	Other	4.1%		Other	4.0%

In total, 425,702 traffic stops were conducted during the 10-month period by a total of 350 law enforcement agencies, including municipal police departments, state police (which includes the Massachusetts State Police, the Environmental Police and the MBTA police. About

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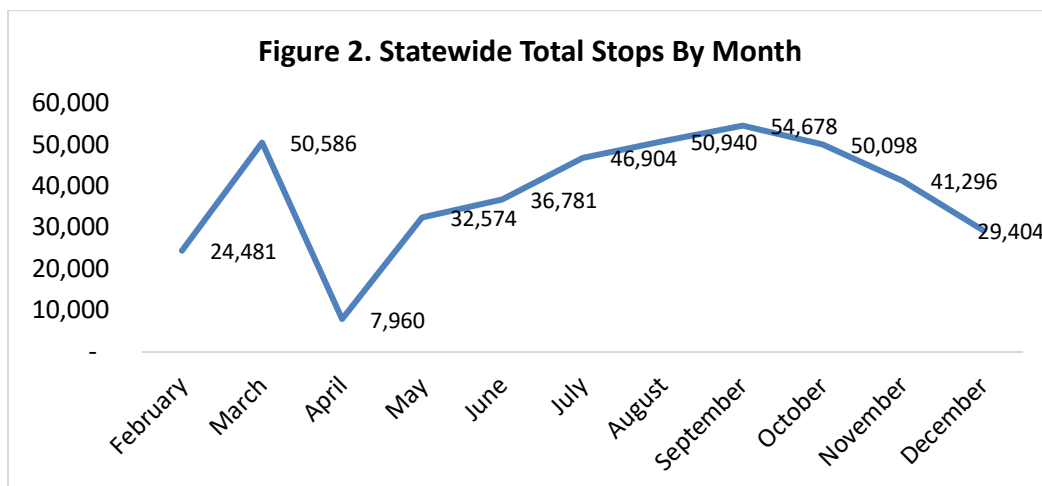
60% of the traffic stops were conducted by the municipal police departments and 40% of the total stops were conducted by the state police.

Additionally, the volume of traffic stops for the state as a whole varies by time of day and month of year. Specifically, about 11.6% of stops occurred from 12:01 a.m. - 6:00 a.m., 28.5% of stops occurred from 6:01 a.m. - 12:00 p.m., 34.8% of stops occurred between 12:01 p.m. - 6:00 p.m. and the remaining 25.2% of stops occurred between 6:01 p.m. and 12:00 a.m. (see Figure 1).



The total stops per month varied from a high of 54,678 in September 2020 to a low of 7,960 in April 2020. The low volume of stops in April 2020 is not surprising given the COVID-19 pandemic restrictions. The average stops per day varied from a low of 265.33 stops per day in April 2020 to 1,822.6 stops per day in September 2020 (see Figure 2).

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The volume of traffic stops also varied by season. The highest volume of traffic stops occurred in the fall while the lowest volume of traffic stops occurred in the winter. Stops from January 1, 2020 through February 22, 2020 are not included in the dataset, which can explain fewer stops in winter. Specifically, about 34.3% of all stops occurred during the fall, followed by 31.6% in the summer, 21.4% in the spring and 12.7% in the winter.

Demographics of Stopped Motorists

Regarding the gender of stopped drivers in Massachusetts as a whole during this period, 65% were male, 34% were female, and about 1% were non-binary. The mean age of stopped drivers was about 37 years old. About 39% of stopped drivers were 29 years old or younger and the remaining 61% were 30 years old or older.⁷ About 16% of stopped drivers in the state as a whole were African American/Black, 15% were Hispanic, 65% were White, and 4% were Other (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander).

⁷ Age groups noted here are based on the age groups referenced in the law (29 years-old and younger and 30 and over).

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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/town. Nearly 68% of stopped drivers were not residents of the jurisdiction in which the stop occurred. Additionally, 92% of stopped drivers were Massachusetts drivers while the remaining 8% of stopped drivers were not residents of Massachusetts.

When considering intersections of race/ethnicity and gender of stopped motorists for the state as a whole, the gender breakdown for all African American/Black drivers is as follows: 29.5% were female, 70.2% were male and .3% were non-binary. The gender breakdown for all Hispanic drivers is as follows: 27.6% were female, 71.5% were male, .8% were non-binary. The gender breakdown for all White drivers is as follows: 37.1% were female, 62.8% were male and .2% were non-binary. The gender breakdown for all Other race drivers is as follows: 28.7% were female, 70.8% were male and .4% were non-binary.

Intertwilight Period (ITP) Stops Only (Statewide)

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

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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, there were a total of 137,493 stops statewide, making up about 32.2% of the total stops. Similar to the gender breakdown of all stops statewide, the gender of stopped drivers in Massachusetts during the ITP were as follows: 66% were male, 33% 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: 39% of stopped drivers were 29 years-old or younger and the remaining 61% were 30 years-old or older. About 15% of the stopped drivers in state during the ITP were African American/Black, 14.5% were Hispanic, 67% were White, and 4% were Other (Asian, Asian Pacific, American Indian, Middle Eastern or Pacific Islander). Similar to the resident/non-resident breakdown for all stops, about 68% of stopped drivers during the ITP were not residents of the jurisdiction in which the stop occurred. Additionally, 92% of stopped drivers were Massachusetts residents and the remaining 8% of stopped drivers were not Massachusetts residents.

FINDINGS

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

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

All stops (N = 425,702)			ITP stops only (N = 137,493)		
Race	Daylight	Darkness	Race	Daylight	Darkness
Non-White	31.5%	41.6%	Non-White	33.4%	33.1%
White	68.5%	58.4%	White	66.6%	66.9%
Chi-Square:	.000*	<i>sig.</i>	Chi-Square:	0.335	<i>not sig.</i>
Odds ratio Exp(B):	.641*	<i>sig.</i>	Odds ratio Exp(B):	.984	<i>not sig.</i>

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

The chi-square test for the state as a whole for all stops (n = 425,702) was statistically significant, which is taken as evidence that there is a relationship between the likelihood of a Non-White motorist being stopped during the day as compared to darkness (as well as 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 likely* to be stopped in daylight than in darkness whereas Non-White motorists are *less likely* to be 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 all stops statewide (n = 425,702) was also statistically significant. Specifically, the odds ratio was .641. This means that Non-White motorists were

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36% *less likely* to be stopped in daylight than in darkness. This finding means that no support was shown for a pattern of racial disparity based on the VoD analysis for the state as a whole.

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

The chi-square test for the state as a whole for only the ITP stops (n = 137,493) was NOT statistically significant, which is taken as evidence that there is no relationship between the likelihood of a Non-White motorist being stopped during the day as compared to darkness. The results of this test for only the ITP stops show much more similar *within race* percentages of stops during daylight as compared to darkness, with Non-White motorists being slightly more likely to be stopped in daylight as compared to darkness and White motorists being slightly more likely to be stopped in darkness than in daylight.

The VoD logistic regression for ITP stops only statewide (n = 137,493) was NOT statistically significant. This finding also means that no support was shown for a pattern of racial disparity based on the VoD analysis for the state as a whole.

Test for Disparities in Outcomes of Traffic Stops

As noted previously, 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 outcomes include a warning, civil citation, criminal citation, or an arrest. These figures are the percentage of stop outcomes by race/ethnicity. The results are displayed in Table 3 below.

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Table 3. Statewide Stop Outcomes by Race/Ethnicity

	Warning	Civil Citation	Criminal Citation	Arrest
African American/Black	59.7%	23.7%	13.5%	3.1%
Hispanic	52.4%	25.8%	18.0%	3.7%
White	63.7%	24.3%	9.6%	2.4%
Other	64.0%	29.5%	5.1%	1.3%
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. African American/Black motorists were least likely to receive a civil citation, followed by White 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

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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 don't know about the circumstances of the stop that could definitely influence the outcome of the stop. (Please see the *Limitations* section of this report for a detailed discussion about the limitations).

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. For agencies with *less than* 100 searches, this is presented as a count. For example, are Non-White motorists more likely to be subject to discretionary searches than White motorists? The results are displayed in Table 4 below.

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

	# of Searches	% Within Race Subject to Search
Non-White	1,718	1.21%
White	2,006	0.74%
Total Searches	3,724	N/A
Chi-Square	.000*	sig

Only about 1% of traffic stops statewide resulted in a discretionary, non-inventory search (n = 3,724). Additionally, 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 was making furtive movements or

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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 likely to be subjected to a non-inventory, discretionary search. Specifically, the results show that while about .74% of White motorists were subjected to a non-inventory, discretionary search, 1.21% 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 doesn't mean that 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 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. 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.
3. 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

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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., furtive movements, appearing to be hiding something, etc.).

4. 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 judgement to justify the traffic stop, and therefore, they excluded both warrant stops and dispatched calls in their analysis.
5. 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.
6. 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

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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.

7. 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 minority neighborhoods 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. overpolicing minority 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 minority individuals at night, although this hypothesis has never been validated in an empirical study.

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8. When considering the Department-Level Data (stops by department) to Resident Population Demographics, caution should be used in interpreting these results due to the fact that in the current study, only 32% 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.
9. 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.
10. Since this is the first year since the law went into effect that stop data was collected, we do not have a full year of data. It is possible that not having the data on stops for all of January and part of February 2020 may have impacted the findings of some of the analyses.
11. The COVID-19 pandemic likely had an impact on not just driving patterns but also traffic enforcement patterns during much of 2020. For example, there were far fewer vehicles on the road for the lockdown periods. Additionally, the lockdowns likely had an impact on who was on the road and who was working from home (“essential” vs. “non-essential” workers). Williams et al. (2020) found that Blacks and Hispanics are more likely to be employed as essential workers as compared to Whites, which could potentially impact who was more likely to be driving during the lockdown.

Recommendations to Improve the Data

Below we discuss some recommendations to improve the data:

1. Consider collecting data on all motor vehicle stops (not just those stops where a formal citation is given)
2. Consider collecting data on outcome of a search (i.e. whether contraband was found or not) for a more robust analysis
3. Consider identifying the “triggering offense,” or the initial reason for the stop in the data
4. Consider collecting information on duration of the stop

Strengths of Current Study

There are also a number of strengths of the current data and the 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, which is considered to be the most rigorous type of analysis examining racial disparities in traffic stops.
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

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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.

Conclusion

This report serves as a starting point for further discussion on racial disparities in traffic enforcement in Massachusetts. As previously stated, statistical analyses of aggregate, department-level data can only identify *disparities* in law enforcement-citizen interactions. There are a number of 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 disparities. The overall goal of this study is to learn more about potential patterns of racial disparities in traffic stops for the purposes 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.

It is also important to emphasize that this is just the beginning of the conversation on potential racial disparities in traffic stops. The data will continue to be collected and analyzed on an annual basis. We strongly encourage the public, law enforcement, and other stakeholders to participate in the upcoming community forums and make comments/suggestions for next year.

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Appendix A **Department-Level Analyses Explained**

Important Note: 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.

- 1. ZIP Code Matching Analysis** - This analysis examines the percentage of stopped motorists who live in the community where the stop occurred versus the percentage of stopped motorists who do NOT live in the community where the stop occurred. This was accomplished by using the ZIP Code of the home address of the stopped motorist recorded from the driver's license and comparing it to the ZIP Code of the location where the stop occurred to determine if the ZIP Codes are within the same city/town.
- 2. Stop Rate by City/Town Population** – This figure is the stop rate per 1,000 age 18 years and older (18+) residents. For example, if the stop rate was 94.3, this means that about 94 individuals out of every 1,000 18+ residents in this city/town were stopped during the data collection period of February 23, 2020 through December 31, 2020.
- 3. Descriptive Statistics for All Stops** – This section provides the descriptive statistics for all traffic stops conducted by the department that took place from February 23, 2020 through December 31, 2020, including the mean age of stopped drivers, and the gender and racial breakdown of all stopped drivers.
- 4. Descriptive Statistics for Intertwilight Period (ITP) Stops Only** - This section provides the descriptive statistics for traffic stops conducted by the department that took place from February 23, 2020 through December 31, 2020 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.

5. 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.

6. 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.

7. Veil of Darkness (VoD) Analysis for Intertwilight Period (ITP) Only - Developed by Jeffrey Grogger and Greg Ridgeway (2006) and largely considered to be the “gold standard” of statistical analyses to examine the initial law enforcement decision to stop an individual, 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 – 7:16am and the dusk intertwilight period is 4:14pm through 9:02pm. This analysis includes stops that occurred during

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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 stops 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 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 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 is 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 as Non-White drivers are 79% *more* likely to be stopped in daylight than in 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 Non-White drivers are 55% *less* likely to be stopped in daylight than in darkness.

8. Veil of Darkness (VoD) Analysis for All Stops – Several departments did not meet the minimum sample threshold of at least 100 stops 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 stops 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.

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 result in different outcomes relative to their White counterparts. The outcomes include a warning, civil citation, criminal citation, or an arrest. These figures are the percentage of stop outcomes by race/ethnicity. 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 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.

Only about 1% of all traffic stops statewide resulted in a discretionary, non-inventory search. Additionally, it is also 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

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search. Due to the small number of non-inventory searches conducted *and* the fact that we are not able to identify the initial reason for the stop, caution should be used in interpreting these results, especially for agencies that have less than 100 searches.

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⁹ For a list of catchment areas for each Massachusetts State Police Troop, please see page 360.

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Appendix C Department-Level Analyses Tables

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2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ABINGTON POLICE DEPARTMENT**

Total Stops: 671	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 23.9%			Stops per 1000 18+ residents: 49.9			
	Passing through: 76.1%						
All stops				ITP¹ Stops (N = 183, 27.3% of stops)			
Mean age		38.68		Mean age		38.28	
Gender %				Gender %			
Female		40.2%		Female		32.8%	
Male		58.6%		Male		65.0%	
Non-binary		1.2%		Non-binary		2.2%	
Race %				Race %			
AA/Black		15.1%		AA/Black		15.2%	
Hispanic		1.8%		Hispanic		2.8%	
White		82.5%		White		80.9%	
Other		0.6%		Other		1.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	15.1%	2.0%	13.1%	AA/Black	15.1%	15.7%	-0.6%
Hispanic	1.8%	2.6%	-0.8%	Hispanic	1.8%	14.7%	-12.9%
White	82.5%	88.2%	-5.7%	White	82.5%	65.5%	17.0%
Other	0.6%	6.4%	-5.8%	Other	0.6%	4.1%	-3.5%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	105	16.0%	21.6%	NW	31	18.4%	19.2%
White	506	84.0%	78.4%	White	134	81.6%	80.8%
Chi-Square ³ :		.142	<i>not sig.</i>	Chi-Square ³ :		.890	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.674	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.937	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	37.8%	32.7%	28.6%	1.0%	NW	1	N/A
Hispanic	33.3%	41.7%	25.0%	0.0%	White	7	N/A
White	48.0%	33.7%	16.9%	1.3%			
Other	75.0%	25.0%	0.0%	0.0%			
Chi-Square ³ :		.303	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ACTON POLICE DEPARTMENT**

Total Stops: 693	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 28.3%			Stops per 1000 18+ residents: 38.8			
	Passing through: 71.7%						
All stops				ITP¹ Stops (N = 184, 26.6% of stops)			
Mean age		39.6		Mean age		38.9	
Gender %				Gender %			
Female		40.2%		Female		28.7%	
Male		58.7%		Male		69.3%	
Non-binary		1.1%		Non-binary		2.0%	
Race %				Race %			
AA/Black		9.1%		AA/Black		11.3%	
Hispanic		7.7%		Hispanic		10.6%	
White		74.8%		White		70.4%	
Other		8.5%		Other		7.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.1%	1.5%	7.6%	AA/Black	9.1%	15.7%	-6.6%
Hispanic	7.7%	3.5%	4.2%	Hispanic	7.7%	14.7%	-7.0%
White	74.8%	66.1%	8.7%	White	74.8%	65.5%	9.3%
Other	8.5%	29.1%	-20.6%	Other	8.5%	4.1%	4.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	118	21.4%	35.7%	NW	37	29.6%	31.7%
White	358	78.6%	64.3%	White	85	70.4%	68.3%
Chi-Square ³ :		.002*	<i>sig.</i>	Chi-Square ³ :		.814	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.541*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.827	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	26.1%	30.4%	41.3%	2.2%	NW	0	N/A
Hispanic	25.6%	25.6%	41.0%	7.7%	White	5	N/A
White	55.9%	31.9%	8.2%	4.0%			
Other	51.2%	37.8%	11.6%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ACUSHNET POLICE DEPARTMENT**

Total Stops: 219	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 39.4%			Stops per 1000 18+ residents: 24.6			
	Passing through: 60.6%						
All stops				ITP¹ Stops N/A			
Mean age		34.38		Mean age		N/A	
Gender %				Gender %			
Female		26.9%		Female		N/A	
Male		72.6%		Male		N/A	
Non-binary		0.5%		Non-binary		N/A	
Race %				Race %			
AA/Black		8.0%		AA/Black		N/A	
Hispanic		2.8%		Hispanic		N/A	
White		88.7%		White		N/A	
Other		0.5%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.0%	0.1%	7.9%	AA/Black	8.0%	15.7%	-7.7%
Hispanic	2.8%	3.4%	-0.6%	Hispanic	2.8%	14.7%	-11.9%
White	88.7%	88.0%	0.7%	White	88.7%	65.5%	23.2%
Other	0.5%	4.7%	-4.2%	Other	0.5%	4.1%	-3.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	8.5%	17.2%	NW	N/A	N/A	N/A
White	171	91.5%	82.8%	White	N/A	N/A	N/A
Chi-Square ³ :		.075	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.510	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	47.1%	11.8%	35.3%	5.9%	NW	0	N/A
Hispanic	0.0%	0.0%	100.0%	0.0%	White	2	N/A
White	55.0%	15.3%	27.0%	2.6%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.052	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ADAMS POLICE DEPARTMENT**

Total Stops: 192	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		41.1%	Stops per 1000 18+ residents:				28.9
	Passing through:		58.9%					
All stops				ITP¹ Stops N/A				
Mean age		35.42		Mean age		N/A		
Gender %				Gender %				
Female		33.9%		Female		N/A		
Male		65.1%		Male		N/A		
Non-binary		1.0%		Non-binary		N/A		
Race %				Race %				
AA/Black		11.2%		AA/Black		N/A		
Hispanic		0.5%		Hispanic		N/A		
White		88.2%		White		N/A		
Other		0.0%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	11.2%	0.9%	10.3%	AA/Black	11.2%	15.7%	-4.5%	
Hispanic	0.5%	1.5%	-1.0%	Hispanic	0.5%	14.7%	-14.2%	
White	88.2%	95.4%	-7.2%	White	88.2%	65.5%	22.7%	
Other	0.0%	2.3%	-2.3%	Other	0.0%	4.1%	-4.1%	
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	21	10.6%	15.0%	NW	N/A	N/A	N/A	
White	152	89.4%	85.0%	White	N/A	N/A	N/A	
Chi-Square ³ :		.401	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		.617	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	33.3%	9.5%	52.4%	4.8%	NW	1	N/A	
Hispanic	100.0%	0.0%	0.0%	0.0%	White	3	N/A	
White	36.4%	21.2%	36.4%	6.1%				
Other	100.0%	0.0%	0.0%	0.0%				
Chi-Square ³ :		.622 <i>not sig.</i>				Counts	Percent	

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AGAWAM POLICE DEPARTMENT**

Total Stops: 735	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 29.9%			Stops per 1000 18+ residents: 30.6			
	Passing through: 70.1%						
All stops				ITP¹ Stops (N = 349, 47.5% of stops)			
Mean age		38		Mean age		38.8	
Gender %				Gender %			
Female		30.7%		Female		29.2%	
Male		68.4%		Male		69.6%	
Non-binary		0.8%		Non-binary		1.1%	
Race %				Race %			
AA/Black		6.4%		AA/Black		4.1%	
Hispanic		11.6%		Hispanic		9.9%	
White		80.6%		White		84.1%	
Other		1.4%		Other		2.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.4%	2.2%	4.2%	AA/Black	6.4%	15.7%	-9.3%
Hispanic	11.6%	5.4%	6.2%	Hispanic	11.6%	14.7%	-3.1%
White	80.6%	88.9%	-8.3%	White	80.6%	65.5%	15.1%
Other	1.4%	4.1%	-2.7%	Other	1.4%	4.1%	-2.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	128	16.2%	22.2%	NW	47	17.3%	11.5%
White	539	83.8%	77.8%	White	259	82.7%	88.5%
Chi-Square ³ :		.051 <i>not sig.</i>		Chi-Square ³ :		.183 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.671 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.553 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.9%	2.2%	10.9%	13.0%	NW	0	N/A
Hispanic	53.6%	9.5%	35.7%	1.2%	White	3	N/A
White	80.8%	4.8%	9.6%	4.8%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AMESBURY POLICE DEPARTMENT**

Total Stops: 533	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 30.2%			Stops per 1000 18+ residents: 37.9			
	Passing through: 69.8%						
All stops				ITP¹ Stops (N = 224, 42.0% of stops)			
Mean age		38.6		Mean age		37.5	
Gender %				Gender %			
Female		36.0%		Female		35.3%	
Male		63.2%		Male		63.8%	
Non-binary		0.8%		Non-binary		0.9%	
Race %				Race %			
AA/Black		5.7%		AA/Black		4.1%	
Hispanic		5.3%		Hispanic		4.1%	
White		88.2%		White		91.0%	
Other		0.8%		Other		0.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.7%	0.6%	5.1%	AA/Black	5.7%	15.7%	-10.0%
Hispanic	5.3%	2.5%	2.8%	Hispanic	5.3%	14.7%	-9.4%
White	88.2%	93.8%	-5.6%	White	88.2%	65.5%	22.7%
Other	0.8%	3.3%	-2.5%	Other	0.8%	4.1%	-3.3%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	60	9.7%	15.6%	NW	19	9.0%	10.2%
White	404	90.3%	84.4%	White	175	91.0%	89.8%
Chi-Square ³ :		.060 <i>not sig.</i>		Chi-Square ³ :		.775 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.579 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.797 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	36.7%	13.3%	43.3%	6.7%	NW	0	N/A
Hispanic	28.6%	10.7%	53.6%	7.1%	White	1	N/A
White	53.8%	16.8%	24.3%	5.2%			
Other	0.0%	25.0%	75.0%	0.0%		Counts	Percent
Chi-Square ³ :		.006* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AMHERST POLICE DEPARTMENT**

Total Stops: 1,319	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		29.6%	Stops per 1000 18+ residents:			
	Passing through:		70.4%	36.4			
All stops				ITP¹ Stops (N = 421, 31.9% of stops)			
Mean age		34.7		Mean age		34.6	
Gender %				Gender %			
Female		40.1%		Female		37.5%	
Male		59.5%		Male		62.0%	
Non-binary		0.4%		Non-binary		0.5%	
Race %				Race %			
AA/Black		9.3%		AA/Black		10.0%	
Hispanic		3.6%		Hispanic		2.6%	
White		80.0%		White		79.9%	
Other		7.1%		Other		7.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	9.3%	5.3%	4.0%	AA/Black	9.3%	15.7%	-6.4%
Hispanic	3.6%	7.5%	-3.9%	Hispanic	3.6%	14.7%	-11.1%
White	80.0%	69.4%	10.6%	White	80.0%	65.5%	14.5%
Other	7.1%	19.1%	-12.0%	Other	7.1%	4.1%	3.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	244	17.6%	23.7%	NW	74	16.3%	27.2%
White	985	82.4%	76.3%	White	296	83.7%	72.8%
Chi-Square ³ :		.010*	<i>sig.</i>	Chi-Square ³ :		.013*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.705*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.509*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.8%	5.7%	16.4%	4.1%	NW	6	N/A
Hispanic	78.7%	0.0%	8.5%	12.8%	White	6	N/A
White	87.0%	4.1%	5.8%	3.1%			
Other	81.7%	4.3%	9.7%	4.3%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ANDOVER POLICE DEPARTMENT**

Total Stops: 511	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 28.2%			Stops per 1000 18+ residents: 18.5			
	Passing through: 71.8%						
All stops				ITP¹ Stops (N = 146, 28.6% of stops)			
Mean age		38.2		Mean age		39.1	
Gender %				Gender %			
Female		40.5%		Female		38.4%	
Male		58.9%		Male		61.6%	
Non-binary		0.6%		Non-binary		0.0%	
Race %				Race %			
AA/Black		5.9%		AA/Black		4.8%	
Hispanic		20.6%		Hispanic		20.5%	
White		67.0%		White		66.4%	
Other		6.5%		Other		8.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.9%	2.7%	3.2%	AA/Black	5.9%	15.7%	-9.8%
Hispanic	20.6%	4.9%	15.7%	Hispanic	20.6%	14.7%	5.9%
White	67.0%	75.8%	-8.8%	White	67.0%	65.5%	1.5%
Other	6.5%	16.9%	-10.4%	Other	6.5%	4.1%	2.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	162	34.6%	34.2%	NW	47	41.3%	30.4%
White	307	65.4%	65.8%	White	79	58.8%	69.6%
Chi-Square ³ :		.938	<i>not sig.</i>	Chi-Square ³ :		.227	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.080	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		2.348	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.7%	16.7%	13.3%	3.3%	NW	1	N/A
Hispanic	62.5%	15.4%	20.2%	1.9%	White	1	N/A
White	71.7%	15.6%	9.4%	3.2%			
Other	72.7%	21.2%	6.1%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ARLINGTON POLICE DEPARTMENT**

Total Stops: 234	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		34.6%	Stops per 1000 18+ residents:			
	Passing through:		65.4%	6.5			
All stops				ITP¹ Stops (N = 101, 43.2% of stops)			
Mean age		42		Mean age		40.2	
Gender %				Gender %			
Female		41.9%		Female		36.6%	
Male		57.7%		Male		62.4%	
Non-binary		0.4%		Non-binary		1.0%	
Race %				Race %			
AA/Black		10.2%		AA/Black		11.5%	
Hispanic		6.6%		Hispanic		3.1%	
White		73.0%		White		72.9%	
Other		10.2%		Other		12.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	10.2%	3.1%	7.1%	AA/Black	10.2%	15.7%	-5.5%
Hispanic	6.6%	4.9%	1.7%	Hispanic	6.6%	14.7%	-8.1%
White	73.0%	75.8%	-2.8%	White	73.0%	65.5%	7.5%
Other	10.2%	16.2%	-6.0%	Other	10.2%	4.1%	6.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	56	22.9%	43.6%	NW	23	24.2%	36.8%
White	153	77.1%	56.4%	White	62	75.8%	63.2%
Chi-Square ³ :		.009*	sig.	Chi-Square ³ :		.276	not sig.
Odds ratio Exp(B) ⁴ :		.426*	sig.	Odds ratio Exp(B) ⁴ :		.602	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.5%	4.3%	34.8%	4.3%	NW	1	N/A
Hispanic	46.7%	6.7%	33.3%	13.3%	White	0	N/A
White	84.2%	9.1%	6.1%	0.6%			
Other	87.0%	8.7%	4.3%	0.0%			
Chi-Square ³ :		.000* sig.				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ASHBURNHAM POLICE DEPARTMENT**

Total Stops: 560	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 27.9%			Stops per 1000 18+ residents: 116.8			
	Passing through: 72.1%						
All stops				ITP¹ Stops (N = 258, 46.1% of stops)			
Mean age		35.4		Mean age		35.3	
Gender %				Gender %			
Female		34.3%		Female		33.7%	
Male		65.4%		Male		65.9%	
Non-binary		0.4%		Non-binary		0.4%	
Race %				Race %			
AA/Black		4.1%		AA/Black		3.5%	
Hispanic		3.8%		Hispanic		2.3%	
White		90.8%		White		92.6%	
Other		1.3%		Other		1.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.1%	1.1%	3.0%	AA/Black	4.1%	15.7%	-11.6%
Hispanic	3.8%	1.7%	2.1%	Hispanic	3.8%	14.7%	-10.9%
White	90.8%	95.9%	-5.1%	White	90.8%	65.5%	25.3%
Other	1.3%	1.5%	-0.2%	Other	1.3%	4.1%	-2.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	46	9.3%	8.1%	NW	15	6.7%	6.4%
White	466	90.7%	91.9%	White	212	93.9%	93.6%
Chi-Square ³ :		.681	<i>not sig.</i>	Chi-Square ³ :		.931	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.320	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.886	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.6%	21.7%	4.3%	4.3%	NW	0	N/A
Hispanic	23.8%	47.6%	28.6%	0.0%	White	1	N/A
White	56.8%	33.1%	9.5%	0.6%			
Other	28.6%	57.1%	14.3%	0.0%			
Chi-Square ³ :		.010* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ASHBY POLICE DEPARTMENT**

Total Stops: 216	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 0.0%			Stops per 1000 18+ residents: N/A			
	Passing through: 100.0%						
All stops				ITP¹ Stops N/A			
Mean age		37.1		Mean age		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 %				Race %			
AA/Black		4.7%		AA/Black		N/A	
Hispanic		6.1%		Hispanic		N/A	
White		88.2%		White		N/A	
Other		0.9%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	4.7%	N/A	N/A	AA/Black	4.7%	15.7%	-11.0%
Hispanic	6.1%	N/A	N/A	Hispanic	6.1%	14.7%	-8.6%
White	88.2%	N/A	N/A	White	88.2%	65.5%	22.7%
Other	0.9%	N/A	N/A	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	8.1%	21.6%	NW	N/A	N/A	N/A
White	176	91.9%	78.4%	White	N/A	N/A	N/A
Chi-Square ³ :		.010*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.301*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	30.0%	70.0%	0.0%	0.0%	NW	0	N/A
Hispanic	69.2%	7.7%	23.1%	0.0%	White	2	N/A
White	57.2%	23.5%	16.6%	2.7%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.019*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ASHLAND POLICE DEPARTMENT**

Total Stops: 419	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		30.8%	Stops per 1000 18+ residents:			
	Passing through:		69.2%	30.2			
All stops				ITP¹ Stops (N = 162, 38.7% of stops)			
Mean age		37.7		Mean age		37.1	
Gender %				Gender %			
Female		31.5%		Female		23.2%	
Male		68.2%		Male		76.8%	
Non-binary		0.2%		Non-binary		0.0%	
Race %				Race %			
AA/Black		8.8%		AA/Black		8.1%	
Hispanic		10.7%		Hispanic		13.7%	
White		75.9%		White		72.7%	
Other		4.6%		Other		5.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.8%	2.2%	6.6%	AA/Black	8.8%	15.7%	-6.9%
Hispanic	10.7%	7.0%	3.7%	Hispanic	10.7%	14.7%	-4.0%
White	75.9%	77.9%	-2.0%	White	75.9%	65.5%	10.4%
Other	4.6%	13.4%	-8.8%	Other	4.6%	4.1%	0.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	94	20.7%	32.5%	NW	40	28.9%	27.5%
White	288	79.3%	67.5%	White	101	71.1%	72.5%
Chi-Square ³ :		.012*	<i>sig.</i>	Chi-Square ³ :		.856	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.632	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.262	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.3%	11.1%	25.0%	5.6%	NW	0	N/A
Hispanic	40.9%	13.6%	22.7%	22.7%	White	0	N/A
White	65.7%	16.3%	12.8%	5.1%			
Other	57.9%	21.1%	5.3%	15.8%			
Chi-Square ³ :		.001*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ATHOL POLICE DEPARTMENT**

Total Stops: 188	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		52.7%	Stops per 1000 18+ residents:			
	Passing through:		47.3%	20			
All stops				ITP¹ Stops N/A			
Mean age		38.3		Mean age		N/A	
Gender %				Gender %			
Female		35.1%		Female		N/A	
Male		63.8%		Male		N/A	
Non-binary		1.1%		Non-binary		N/A	
Race %				Race %			
AA/Black		1.6%		AA/Black		N/A	
Hispanic		3.8%		Hispanic		N/A	
White		94.6%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	1.6%	1.1%	0.5%	AA/Black	1.6%	15.7%	-14.1%
Hispanic	3.8%	5.4%	-1.6%	Hispanic	3.8%	14.7%	-10.9%
White	94.6%	90.1%	4.5%	White	94.6%	65.5%	29.1%
Other	0.0%	3.6%	-3.6%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	10	2.5%	14.9%	NW	N/A	N/A	N/A
White	158	97.5%	85.1%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	33.3%	0.0%	33.3%	33.3%	NW	1	N/A
Hispanic	57.1%	14.3%	28.6%	0.0%	White	11	N/A
White	47.7%	10.9%	24.7%	16.7%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ : .871 <i>not sig.</i>							

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ATTLEBORO POLICE DEPARTMENT**

Total Stops: 1,047	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 37.7%			Stops per 1000 18+ residents: 29.4			
	Passing through: 62.3%						
All stops				ITP¹ Stops (N = 327, 31.2% of stops)			
Mean age		37.9		Mean age		37.8	
Gender %				Gender %			
Female		37.4%		Female		37.2%	
Male		62.5%		Male		62.8%	
Non-binary		0.1%		Non-binary		0.0%	
Race %				Race %			
AA/Black		14.1%		AA/Black		10.8%	
Hispanic		8.7%		Hispanic		13.9%	
White		75.0%		White		72.1%	
Other		2.3%		Other		3.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	14.1%	4.4%	9.7%	AA/Black	14.1%	15.7%	-1.6%
Hispanic	8.7%	6.6%	2.1%	Hispanic	8.7%	14.7%	-6.0%
White	75.0%	83.2%	-8.2%	White	75.0%	65.5%	9.5%
Other	2.3%	6.1%	-3.8%	Other	2.3%	4.1%	-1.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	247	23.2%	29.7%	NW	81	27.4%	28.6%
White	739	76.8%	70.3%	White	209	72.6%	71.4%
Chi-Square ³ :		.032*	<i>sig.</i>	Chi-Square ³ :		.831	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.715*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.964	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	32.9%	42.5%	21.9%	2.7%	NW	0	N/A
Hispanic	33.3%	35.6%	26.7%	4.4%	White	4	N/A
White	49.4%	35.5%	14.1%	1.0%			
Other	45.8%	41.7%	8.3%	4.2%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AUBURN POLICE DEPARTMENT**

Total Stops: 1,127	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 14.7%			Stops per 1000 18+ residents: 84.1			
	Passing through: 85.3%						
All stops				ITP¹ Stops (N = 427, 37.9% of stops)			
Mean age		37.2		Mean age		36.8	
Gender %				Gender %			
Female		32.2%		Female		32.2%	
Male		67.4%		Male		67.8%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		9.5%		AA/Black		11.0%	
Hispanic		10.5%		Hispanic		11.2%	
White		77.7%		White		74.4%	
Other		2.2%		Other		3.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.5%	0.9%	8.6%	AA/Black	9.5%	15.7%	-6.2%
Hispanic	10.5%	4.6%	5.9%	Hispanic	10.5%	14.7%	-4.2%
White	77.7%	91.5%	-13.8%	White	77.7%	65.5%	12.2%
Other	2.2%	3.5%	-1.3%	Other	2.2%	4.1%	-1.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	224	21.7%	23.2%	NW	111	27.7%	22.9%
White	786	78.3%	76.8%	White	320	72.3%	77.1%
Chi-Square ³ :		.599 <i>not sig.</i>		Chi-Square ³ :		.255 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.833 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.609 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	61.5%	6.7%	19.2%	12.5%	NW	0	N/A
Hispanic	53.0%	22.6%	20.0%	4.3%	White	2	N/A
White	69.8%	13.2%	11.7%	5.3%			
Other	75.0%	8.3%	12.5%	4.2%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AVON POLICE DEPARTMENT**

Total Stops: 363	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 2.8%			Stops per 1000 18+ residents: N/A			
	Passing through: 97.2%						
All stops				ITP¹ Stops (N = 106, 29.2% of stops)			
Mean age		36.5		Mean age		37.4	
Gender %				Gender %			
Female		43.3%		Female		43.4%	
Male		56.5%		Male		55.7%	
Non-binary		0.3%		Non-binary		0.9%	
Race %				Race %			
AA/Black		52.8%		AA/Black		41.0%	
Hispanic		13.2%		Hispanic		18.1%	
White		31.2%		White		39.0%	
Other		2.8%		Other		1.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	52.8%	N/A	N/A	AA/Black	52.8%	15.7%	37.1%
Hispanic	13.2%	N/A	N/A	Hispanic	13.2%	14.7%	-1.5%
White	31.2%	N/A	N/A	White	31.2%	65.5%	-34.3%
Other	2.8%	N/A	N/A	Other	2.8%	4.1%	-1.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	225	65.0%	76.5%	NW	58	57.8%	65.6%
White	100	35.0%	23.5%	White	38	42.2%	34.4%
Chi-Square ³ :		.032*	<i>sig.</i>	Chi-Square ³ :		.461	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.627	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.770	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	83.0%	6.9%	10.1%	0.0%	NW	0	N/A
Hispanic	66.0%	14.9%	19.1%	0.0%	White	0	N/A
White	66.7%	11.7%	21.6%	0.0%			
Other	70.0%	20.0%	10.0%	0.0%		Counts	Percent
Chi-Square ³ :		.025*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
AYER POLICE DEPARTMENT**

Total Stops: 248	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 21.8%			Stops per 1000 18+ residents: 37.3			
	Passing through: 78.2%						
All stops				ITP¹ Stops N/A			
Mean age		38.8		Mean age		N/A	
Gender %				Gender %			
Female		29.9%		Female		N/A	
Male		69.3%		Male		N/A	
Non-binary		0.8%		Non-binary		N/A	
Race %				Race %			
AA/Black		7.1%		AA/Black		N/A	
Hispanic		2.5%		Hispanic		N/A	
White		88.4%		White		N/A	
Other		2.1%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.1%	4.3%	2.8%	AA/Black	7.1%	15.7%	-8.6%
Hispanic	2.5%	5.7%	-3.2%	Hispanic	2.5%	14.7%	-12.2%
White	88.4%	82.4%	6.0%	White	88.4%	65.5%	22.9%
Other	2.1%	7.5%	-5.4%	Other	2.1%	4.1%	-2.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	27	10.6%	19.4%	NW	N/A	N/A	N/A
White	197	89.4%	80.6%	White	N/A	N/A	N/A
Chi-Square ³ :		.137	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.482	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	47.1%	11.8%	35.3%	5.9%	NW	0	N/A
Hispanic	50.0%	33.3%	16.7%	0.0%	White	3	N/A
White	55.9%	18.3%	19.2%	6.6%			
Other	40.0%	40.0%	20.0%	0.0%			
Chi-Square ³ :		.781 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BARNSTABLE POLICE DEPARTMENT**

Total Stops: 2,553	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		4.9%	Stops per 1000 18+ residents:				69.5
	Passing through:		95.1%					
All stops				ITP¹ Stops (N = 909, 35.6% of stops)				
Mean age		41.3		Mean age		39.9		
Gender %				Gender %				
Female		37.5%		Female		36.1%		
Male		61.9%		Male		63.1%		
Non-binary		0.7%		Non-binary		0.8%		
Race %				Race %				
AA/Black		9.8%		AA/Black		9.7%		
Hispanic		3.6%		Hispanic		4.3%		
White		85.9%		White		85.1%		
Other		0.7%		Other		0.9%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	9.8%	5.8%	4.0%	AA/Black	9.8%	15.7%	-5.9%	
Hispanic	3.6%	5.9%	-2.3%	Hispanic	3.6%	14.7%	-11.1%	
White	85.9%	84.3%	1.6%	White	85.9%	65.5%	20.4%	
Other	0.7%	3.1%	-2.4%	Other	0.7%	4.1%	-3.4%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	322	12.4%	20.6%	NW	119	14.1%	16.5%	
White	2,009	87.6%	79.4%	White	701	85.9%	83.5%	
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.455	<i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.575*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.811	<i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	51.9%	8.6%	28.0%	11.5%	NW	2	N/A	
Hispanic	31.5%	44.9%	22.5%	1.1%	White	24	N/A	
White	70.3%	14.2%	11.3%	4.1%				
Other	70.6%	29.4%	0.0%	0.0%				
Chi-Square ³ :		.000* <i>sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BARRE POLICE DEPARTMENT**

Total Stops: 175	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 32.8%			Stops per 1000 18+ residents: 39.1			
	Passing through: 67.2%						
All stops				ITP¹ Stops N/A			
Mean age		35.9		Mean age		N/A	
Gender %				Gender %			
Female		30.3%		Female		N/A	
Male		68.6%		Male		N/A	
Non-binary		1.1%		Non-binary		N/A	
Race %				Race %			
AA/Black		1.2%		AA/Black		N/A	
Hispanic		2.3%		Hispanic		N/A	
White		95.9%		White		N/A	
Other		0.6%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	1.2%	2.2%	-1.0%	AA/Black	1.2%	15.7%	-14.5%
Hispanic	2.3%	2.4%	-0.1%	Hispanic	2.3%	14.7%	-12.4%
White	95.9%	93.8%	2.1%	White	95.9%	65.5%	30.4%
Other	0.6%	3.1%	-2.5%	Other	0.6%	4.1%	-3.5%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	6	2.5%	5.6%	NW	N/A	N/A	N/A
White	145	97.5%	94.4%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	50.0%	0.0%	50.0%	NW	0	N/A
Hispanic	25.0%	0.0%	75.0%	0.0%	White	1	N/A
White	58.8%	13.3%	21.8%	6.1%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ : .008* sig.							

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BECKETT POLICE DEPARTMENT**

Total Stops: 106	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 15.1%			Stops per 1000 18+ residents: N/A			
	Passing through: 84.9%						
All stops				ITP¹ Stops N/A			
Mean age		36.5		Mean age		N/A	
Gender %				Gender %			
Female		20.8%		Female		N/A	
Male		78.3%		Male		N/A	
Non-binary		0.9%		Non-binary		N/A	
Race %				Race %			
AA/Black		4.8%		AA/Black		N/A	
Hispanic		3.8%		Hispanic		N/A	
White		91.4%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	4.8%	N/A	N/A	AA/Black	4.8%	15.7%	-10.9%
Hispanic	3.8%	N/A	N/A	Hispanic	3.8%	14.7%	-10.9%
White	91.4%	N/A	N/A	White	91.4%	65.5%	25.9%
Other	0.0%	N/A	N/A	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	8	6.9%	11.8%	NW	N/A	N/A	N/A
White	84	93.1%	88.2%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	40.0%	20.0%	40.0%	0.0%	NW	0	N/A
Hispanic	25.0%	0.0%	75.0%	0.0%	White	1	N/A
White	32.3%	36.5%	22.9%	8.3%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.305 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BEDFORD POLICE DEPARTMENT**

Total Stops: 495	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		17.8%	Stops per 1000 18+ residents:			
	Passing through:		82.2%	46.7			
All stops				ITP¹ Stops (N = 257, 51.9% of stops)			
Mean age		40.4		Mean age		40	
Gender %				Gender %			
Female		36.5%		Female		37.1%	
Male		63.5%		Male		62.9%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		8.3%		AA/Black		7.0%	
Hispanic		9.3%		Hispanic		9.0%	
White		70.2%		White		73.4%	
Other		12.1%		Other		10.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.3%	4.1%	4.2%	AA/Black	8.3%	15.7%	-7.4%
Hispanic	9.3%	3.8%	5.5%	Hispanic	9.3%	14.7%	-5.4%
White	70.2%	74.2%	-4.0%	White	70.2%	65.5%	4.7%
Other	12.1%	18.4%	-6.3%	Other	12.1%	4.1%	8.0%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	130	28.2%	29.2%	NW	51	25.8%	16.7%
White	326	71.8%	70.8%	White	168	74.2%	83.3%
Chi-Square ³ :		.829	<i>not sig.</i>	Chi-Square ³ :		.154	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.913	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		2.029	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	65.9%	4.9%	24.4%	4.9%	NW	0	N/A
Hispanic	71.7%	6.5%	15.2%	6.5%	White	1	N/A
White	80.4%	11.2%	6.9%	1.4%			
Other	88.3%	5.0%	6.7%	0.0%			
Chi-Square ³ :		.001* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BELCHERTOWN POLICE DEPARTMENT**

Total Stops: 513	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		38.1%	Stops per 1000 18+ residents:			
	Passing through:		61.9%	44			
All stops				ITP¹ Stops (N = 215, 41.9% of stops)			
Mean age		36.1		Mean age		35.8	
Gender %				Gender %			
Female		40.4%		Female		37.7%	
Male		59.3%		Male		62.3%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.8%		AA/Black		1.9%	
Hispanic		3.8%		Hispanic		5.7%	
White		89.3%		White		90.4%	
Other		2.0%		Other		1.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.8%	0.6%	4.2%	AA/Black	4.8%	15.7%	-10.9%
Hispanic	3.8%	1.4%	2.4%	Hispanic	3.8%	14.7%	-10.9%
White	89.3%	91.9%	-2.6%	White	89.3%	65.5%	23.8%
Other	2.0%	5.9%	-3.9%	Other	2.0%	4.1%	-2.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	45	8.4%	17.0%	NW	17	9.0%	13.2%
White	387	91.6%	83.0%	White	154	91.0%	86.8%
Chi-Square ³ :		.014*	<i>sig.</i>	Chi-Square ³ :		.452	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.440*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.620	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.3%	8.3%	33.3%	0.0%	NW	1	N/A
Hispanic	63.2%	21.1%	15.8%	0.0%	White	0	N/A
White	72.9%	18.1%	7.2%	1.8%			
Other	60.0%	20.0%	20.0%	0.0%			
Chi-Square ³ :		.006* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BELLINGHAM POLICE DEPARTMENT**

Total Stops: 246	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 20.0%			Stops per 1000 18+ residents: 18.3			
	Passing through: 80.0%						
All stops				ITP¹ Stops (N = 101, 41.1% of stops)			
Mean age		35.3		Mean age		34.3	
Gender %				Gender %			
Female		29.3%		Female		25.7%	
Male		69.9%		Male		74.3%	
Non-binary		0.8%		Non-binary		0.0%	
Race %				Race %			
AA/Black		7.9%		AA/Black		3.0%	
Hispanic		7.5%		Hispanic		9.1%	
White		83.0%		White		84.8%	
Other		1.7%		Other		3.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.9%	1.9%	6.0%	AA/Black	7.9%	15.7%	-7.8%
Hispanic	7.5%	4.0%	3.5%	Hispanic	7.5%	14.7%	-7.2%
White	83.0%	91.4%	-8.4%	White	83.0%	65.5%	17.5%
Other	1.7%	2.8%	-1.1%	Other	1.7%	4.1%	-2.4%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	29	16.4%	9.0%	NW	13	20.8%	5.6%
White	178	83.6%	91.0%	White	76	79.2%	94.4%
Chi-Square ³ : .147 <i>not sig.</i>				Chi-Square ³ : N/A N/A			
Odds ratio Exp(B) ⁴ : 2.181 <i>not sig.</i>				Odds ratio Exp(B) ⁴ : N/A N/A			
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	10.5%	10.5%	78.9%	0.0%	NW	0	N/A
Hispanic	5.6%	22.2%	55.6%	16.7%	White	1	N/A
White	21.5%	35.5%	36.5%	6.5%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ : .001* <i>sig.</i>							

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BELMONT POLICE DEPARTMENT**

Total Stops: 237	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 0.0%			Stops per 1000 18+ residents: 12.1			
	Passing through: 100.0%						
All stops				ITP¹ Stops N/A			
Mean age		43.5		Mean age		N/A	
Gender %				Gender %			
Female		36.7%		Female		N/A	
Male		62.9%		Male		N/A	
Non-binary		0.4%		Non-binary		N/A	
Race %				Race %			
AA/Black		10.6%		AA/Black		N/A	
Hispanic		2.2%		Hispanic		N/A	
White		81.1%		White		N/A	
Other		6.2%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	10.6%	1.5%	9.1%	AA/Black	10.6%	15.7%	-5.1%
Hispanic	2.2%	4.3%	-2.1%	Hispanic	2.2%	14.7%	-12.5%
White	81.1%	73.2%	7.9%	White	81.1%	65.5%	15.6%
Other	6.2%	21.3%	-15.1%	Other	6.2%	4.1%	2.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	36	15.6%	23.4%	NW	N/A	N/A	N/A
White	171	84.4%	76.6%	White	N/A	N/A	N/A
Chi-Square ³ :		.216	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.505	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	62.5%	25.0%	8.3%	4.2%	NW	0	N/A
Hispanic	80.0%	20.0%	0.0%	0.0%	White	0	N/A
White	82.6%	10.3%	6.0%	1.1%			
Other	85.7%	7.1%	7.1%	0.0%			
Chi-Square ³ :		.552	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BERLIN POLICE DEPARTMENT**

Total Stops: 373	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 11.0%			Stops per 1000 18+ residents: N/A			
	Passing through: 89.0%						
All stops				ITP¹ Stops (N = 134, 35.9% of stops)			
Mean age		34.8		Mean age		32.59	
Gender %				Gender %			
Female		42.8%		Female		36.1%	
Male		55.9%		Male		62.4%	
Non-binary		1.4%		Non-binary		1.5%	
Race %				Race %			
AA/Black		4.4%		AA/Black		4.5%	
Hispanic		14.8%		Hispanic		19.7%	
White		78.8%		White		74.2%	
Other		1.9%		Other		1.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	4.4%	N/A	N/A	AA/Black	4.4%	15.7%	-11.3%
Hispanic	14.8%	N/A	N/A	Hispanic	14.8%	14.7%	0.1%
White	78.8%	N/A	N/A	White	78.8%	65.5%	13.3%
Other	1.9%	N/A	N/A	Other	1.9%	4.1%	-2.2%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	70	17.8%	28.1%	NW	29	19.8%	33.3%
White	272	82.2%	71.9%	White	91	80.2%	66.7%
Chi-Square ³ :		.038*	<i>sig.</i>	Chi-Square ³ :		.104	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.579	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.567	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.3%	31.3%	12.5%	0.0%	NW	0	N/A
Hispanic	48.1%	20.4%	31.5%	0.0%	White	5	N/A
White	73.5%	18.1%	8.4%	0.0%			
Other	71.4%	14.3%	14.3%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BEVERLY POLICE DEPARTMENT**

Total Stops: 477	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 34.6%			Stops per 1000 18+ residents: 13.8			
	Passing through: 65.4%						
All stops				ITP¹ Stops (N = 178, 37.3% of stops)			
Mean age		38.68		Mean age		39.64	
Gender %				Gender %			
Female		38.8%		Female		39.9%	
Male		59.3%		Male		59.0%	
Non-binary		1.9%		Non-binary		1.1%	
Race %				Race %			
AA/Black		4.7%		AA/Black		3.0%	
Hispanic		9.8%		Hispanic		7.3%	
White		84.1%		White		87.2%	
Other		1.4%		Other		2.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.7%	2.1%	2.6%	AA/Black	4.7%	15.7%	-11.0%
Hispanic	9.8%	5.1%	4.7%	Hispanic	9.8%	14.7%	-4.9%
White	84.1%	88.5%	-4.4%	White	84.1%	65.5%	18.6%
Other	1.4%	5.1%	-3.7%	Other	1.4%	4.1%	-2.7%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	62	14.2%	21.1%	NW	21	13.8%	12.8%
White	338	85.8%	78.9%	White	135	86.2%	87.2%
Chi-Square ³ :		.137 <i>not sig.</i>		Chi-Square ³ :		.867 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.627 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.729 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	15.0%	10.0%	50.0%	25.0%	NW	3	N/A
Hispanic	35.7%	16.7%	42.9%	4.8%	White	3	N/A
White	68.1%	19.9%	10.5%	1.4%			
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BILLERICA POLICE DEPARTMENT**

Total Stops: 2,414	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 42.9%			Stops per 1000 18+ residents: 68.9			
	Passing through: 57.1%						
All stops				ITP¹ Stops (N = 749, 31% of stops)			
Mean age		37.91		Mean age		37.21	
Gender %				Gender %			
Female		36.5%		Female		33.6%	
Male		63.3%		Male		66.3%	
Non-binary		0.3%		Non-binary		0.1%	
Race %				Race %			
AA/Black		6.2%		AA/Black		4.6%	
Hispanic		6.8%		Hispanic		7.0%	
White		80.7%		White		80.5%	
Other		6.3%		Other		7.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.2%	4.8%	1.4%	AA/Black	6.2%	15.7%	-9.5%
Hispanic	6.8%	4.5%	2.3%	Hispanic	6.8%	14.7%	-7.9%
White	80.7%	81.8%	-1.1%	White	80.7%	65.5%	15.2%
Other	6.3%	9.4%	-3.1%	Other	6.3%	4.1%	2.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	420	19.4%	19.4%	NW	124	20.9%	14.8%
White	1,750	80.6%	80.6%	White	506	79.1%	85.2%
Chi-Square ³ :		1.0 <i>not sig.</i>		Chi-Square ³ :		.127 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		1.012 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.801 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.3%	33.8%	7.2%	0.7%	NW	0	N/A
Hispanic	51.3%	33.1%	13.6%	1.9%	White	3	N/A
White	58.2%	36.6%	4.3%	0.9%			
Other	62.4%	37.6%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BLACKSTONE POLICE DEPARTMENT**

Total Stops: 140	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 22.1%			Stops per 1000 18+ residents: 19.4			
	Passing through: 77.9%						
All stops				ITP¹ Stops N/A			
Mean age		33.44		Mean age		N/A	
Gender %				Gender %			
Female		32.1%		Female		N/A	
Male		67.1%		Male		N/A	
Non-binary		0.7%		Non-binary		N/A	
Race %				Race %			
AA/Black		5.1%		AA/Black		N/A	
Hispanic		2.2%		Hispanic		N/A	
White		92.7%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.1%	1.2%	3.9%	AA/Black	5.1%	15.7%	-10.6%
Hispanic	2.2%	2.4%	-0.2%	Hispanic	2.2%	14.7%	-12.5%
White	92.7%	93.5%	-0.8%	White	92.7%	65.5%	27.2%
Other	0.0%	3.1%	-3.1%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	10	10.3%	6.6%	NW	N/A	N/A	N/A
White	109	89.7%	93.4%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	14.3%	42.9%	14.3%	28.6%	NW	0	N/A
Hispanic	66.7%	33.3%	0.0%	0.0%	White	2	N/A
White	30.7%	29.1%	26.0%	14.2%			
Other	0.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.566 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOLTON POLICE DEPARTMENT**

Total Stops: 811	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		7.0%	Stops per 1000 18+ residents:			
	Passing through:		93.0%	209			
All stops				ITP¹ Stops (N = 249, 30.7% of stops)			
Mean age		37.06		Mean age		37.68	
Gender %				Gender %			
Female		28.5%		Female		29.7%	
Male		71.0%		Male		69.9%	
Non-binary		0.5%		Non-binary		0.4%	
Race %				Race %			
AA/Black		6.4%		AA/Black		10.1%	
Hispanic		15.0%		Hispanic		16.9%	
White		76.5%		White		71.4%	
Other		2.0%		Other		1.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	6.4%	0.3%	6.1%	AA/Black	6.4%	15.7%	-9.3%
Hispanic	15.0%	1.4%	13.6%	Hispanic	15.0%	14.7%	0.3%
White	76.5%	92.5%	-16.0%	White	76.5%	65.5%	11.0%
Other	2.0%	6.5%	-4.5%	Other	2.0%	4.1%	-2.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	172	16.3%	33.6%	NW	60	22.4%	35.3%
White	545	83.7%	66.4%	White	141	77.6%	64.7%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.047*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.366*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.552	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	27.5%	31.4%	39.2%	2.0%	NW	0	N/A
Hispanic	31.1%	22.7%	45.4%	0.8%	White	0	N/A
White	53.5%	32.5%	12.2%	1.8%			
Other	75.0%	25.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOURNE POLICE DEPARTMENT**

Total Stops: 981	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 0.0%			Stops per 1000 18+ residents: 59.4			
	Passing through: 100.0%						
All stops				ITP¹ Stops (N = 415, 42.3% of stops)			
Mean age		39.42		Mean age		38.99	
Gender %				Gender %			
Female		32.2%		Female		28.0%	
Male		67.3%		Male		71.6%	
Non-binary		0.5%		Non-binary		0.5%	
Race %				Race %			
AA/Black		8.4%		AA/Black		7.3%	
Hispanic		0.9%		Hispanic		0.2%	
White		89.4%		White		91.3%	
Other		1.2%		Other		1.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.4%	25.2%	-16.8%	AA/Black	8.4%	15.7%	-7.3%
Hispanic	0.9%	19.8%	-18.9%	Hispanic	0.9%	14.7%	-13.8%
White	89.4%	44.5%	44.9%	White	89.4%	65.5%	23.9%
Other	1.2%	15.4%	-14.2%	Other	1.2%	4.1%	-2.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	94	9.0%	12.8%	NW	28	9.0%	7.0%
White	782	91.0%	87.3%	White	311	91.0%	93.0%
Chi-Square ³ :		.077 <i>not sig.</i>		Chi-Square ³ :		.522 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.716 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.020 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	46.3%	18.3%	24.4%	11.0%	NW	1	N/A
Hispanic	55.6%	0.0%	44.4%	0.0%	White	11	N/A
White	57.8%	19.3%	15.4%	7.5%			
Other	66.7%	8.3%	25.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOXBOROUGH POLICE DEPARTMENT**

Total Stops: 282	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 11.0%			Stops per 1000 18+ residents: 62.6			
	Passing through: 89.0%						
All stops				ITP¹ Stops N/A			
Mean age		38.3		Mean age		N/A	
Gender %				Gender %			
Female		25.7%		Female		N/A	
Male		71.6%		Male		N/A	
Non-binary		2.6%		Non-binary		N/A	
Race %				Race %			
AA/Black		3.3%		AA/Black		N/A	
Hispanic		7.7%		Hispanic		N/A	
White		81.3%		White		N/A	
Other		7.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.3%	0.7%	2.6%	AA/Black	3.3%	15.7%	-12.4%
Hispanic	7.7%	5.1%	2.6%	Hispanic	7.7%	14.7%	-7.0%
White	81.3%	73.4%	7.9%	White	81.3%	65.5%	15.8%
Other	7.7%	21.1%	-13.4%	Other	7.7%	4.1%	3.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	17.9%	20.0%	NW	N/A	N/A	N/A
White	217	82.1%	80.0%	White	N/A	N/A	N/A
Chi-Square ³ :		.776 <i>not sig.</i>		Chi-Square ³ :		N/A N/A	
Odds ratio Exp(B) ⁴ :		.669 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		N/A N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	55.6%	11.1%	33.3%	0.0%	NW	0	N/A
Hispanic	9.5%	9.5%	81.0%	0.0%	White	1	N/A
White	43.0%	23.5%	31.2%	2.3%			
Other	57.1%	28.6%	14.3%	0.0%			
Chi-Square ³ :		.001* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOYLSTON POLICE DEPARTMENT**

Total Stops: 167	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 9.0%			Stops per 1000 18+ residents: N/A			
	Passing through: 91.0%						
All stops				ITP¹ Stops N/A			
Mean age		37.55		Mean age		N/A	
Gender %				Gender %			
Female		38.9%		Female		N/A	
Male		60.5%		Male		N/A	
Non-binary		0.6%		Non-binary		N/A	
Race %				Race %			
AA/Black		7.5%		AA/Black		N/A	
Hispanic		18.9%		Hispanic		N/A	
White		71.7%		White		N/A	
Other		1.9%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.5%	N/A	N/A	AA/Black	7.5%	15.7%	-8.2%
Hispanic	18.9%	N/A	N/A	Hispanic	18.9%	14.7%	4.2%
White	71.7%	N/A	N/A	White	71.7%	65.5%	6.2%
Other	1.9%	N/A	N/A	Other	1.9%	4.1%	-2.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	27.4%	39.3%	NW	N/A	N/A	N/A
White	102	72.6%	60.7%	White	N/A	N/A	N/A
Chi-Square ³ :		.214	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.676	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.0%	0.0%	25.0%	0.0%	NW	0	N/A
Hispanic	66.7%	3.3%	30.0%	0.0%	White	0	N/A
White	82.5%	7.0%	10.5%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.139	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BRAINTREE POLICE DEPARTMENT**

Total Stops: 679	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 26.4%			Stops per 1000 18+ residents: 23.6			
	Passing through: 73.6%						
All stops				ITP¹ Stops (N = 253, 37.3% of stops)			
Mean age		38.98		Mean age		36.9	
Gender %				Gender %			
Female		35.6%		Female		34.7%	
Male		63.4%		Male		64.1%	
Non-binary		1.0%		Non-binary		1.2%	
Race %				Race %			
AA/Black		16.4%		AA/Black		20.3%	
Hispanic		7.1%		Hispanic		8.7%	
White		70.2%		White		63.9%	
Other		6.2%		Other		7.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	16.4%	3.0%	13.4%	AA/Black	16.4%	15.7%	0.7%
Hispanic	7.1%	2.1%	5.0%	Hispanic	7.1%	14.7%	-7.6%
White	70.2%	79.4%	-9.2%	White	70.2%	65.5%	4.7%
Other	6.2%	15.6%	-9.4%	Other	6.2%	4.1%	2.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	183	27.8%	34.4%	NW	82	36.8%	37.7%
White	431	72.2%	65.6%	White	139	63.2%	62.3%
Chi-Square ³ :		.097 <i>not sig.</i>		Chi-Square ³ :		.905 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.694 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.794 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	50.0%	15.1%	30.2%	4.7%	NW	3	N/A
Hispanic	43.5%	6.5%	41.3%	8.7%	White	9	N/A
White	70.9%	8.6%	15.9%	4.6%			
Other	75.0%	7.5%	17.5%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BREWSTER POLICE DEPARTMENT**

Total Stops: 352	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 36.1%			Stops per 1000 18+ residents: 43			
	Passing through: 63.9%						
All stops				ITP¹ Stops (N = 169, 48% of stops)			
Mean age		42.68		Mean age		41.66	
Gender %				Gender %			
Female		35.6%		Female		36.7%	
Male		64.4%		Male		63.3%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.6%		AA/Black		5.9%	
Hispanic		4.9%		Hispanic		4.7%	
White		89.7%		White		88.8%	
Other		0.9%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.6%	1.0%	3.6%	AA/Black	4.6%	15.7%	-11.1%
Hispanic	4.9%	2.2%	2.7%	Hispanic	4.9%	14.7%	-9.8%
White	89.7%	94.7%	-5.0%	White	89.7%	65.5%	24.2%
Other	0.9%	2.5%	-1.6%	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	10.1%	11.2%	NW	17	10.2%	14.0%
White	289	89.9%	88.8%	White	128	89.8%	86.0%
Chi-Square ³ :		.765 <i>not sig.</i>		Chi-Square ³ :		.486 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.938 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.022 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	56.3%	18.8%	18.8%	6.3%	NW	0	N/A
Hispanic	58.8%	11.8%	29.4%	0.0%	White	0	N/A
White	75.2%	10.2%	8.3%	6.4%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BRIDGEWATER POLICE DEPARTMENT**

Total Stops: 1,845	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 29.6%			Stops per 1000 18+ residents: 81.7			
	Passing through: 70.4%						
All stops				ITP¹ Stops (N = 785, 42.5% of stops)			
Mean age		35.56		Mean age		35.17	
Gender %				Gender %			
Female		34.7%		Female		33.9%	
Male		64.5%		Male		65.3%	
Non-binary		0.8%		Non-binary		0.8%	
Race %				Race %			
AA/Black		17.1%		AA/Black		16.6%	
Hispanic		1.4%		Hispanic		1.3%	
White		80.7%		White		81.1%	
Other		0.9%		Other		0.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	17.1%	8.6%	8.5%	AA/Black	17.1%	15.7%	1.4%
Hispanic	1.4%	3.9%	-2.5%	Hispanic	1.4%	14.7%	-13.3%
White	80.7%	83.5%	-2.8%	White	80.7%	65.5%	15.2%
Other	0.9%	4.7%	-3.8%	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	324	16.9%	24.3%	NW	135	19.0%	20.8%
White	1,346	83.1%	75.7%	White	561	81.0%	79.2%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.622	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.664*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.890	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	64.0%	6.2%	25.0%	4.9%	NW	1	N/A
Hispanic	68.0%	4.0%	28.0%	0.0%	White	15	N/A
White	75.6%	9.6%	12.3%	2.5%			
Other	62.5%	12.5%	18.8%	6.3%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BRIMFIELD POLICE DEPARTMENT**

Total Stops: 240	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 13.8%			Stops per 1000 18+ residents: N/A			
	Passing through: 86.3%						
All stops				ITP¹ Stops N/A			
Mean age		38.43		Mean age		N/A	
Gender %				Gender %			
Female		27.1%		Female		N/A	
Male		72.5%		Male		N/A	
Non-binary		0.4%		Non-binary		N/A	
Race %				Race %			
AA/Black		2.1%		AA/Black		N/A	
Hispanic		7.2%		Hispanic		N/A	
White		89.8%		White		N/A	
Other		0.9%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.1%	N/A	N/A	AA/Black	2.1%	15.7%	-13.6%
Hispanic	7.2%	N/A	N/A	Hispanic	7.2%	14.7%	-7.5%
White	89.8%	N/A	N/A	White	89.8%	65.5%	24.3%
Other	0.9%	N/A	N/A	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	18	6.2%	14.3%	NW	N/A	N/A	N/A
White	182	93.8%	85.7%	White	N/A	N/A	N/A
Chi-Square ³ :		.055	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.448	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.0%	40.0%	20.0%	0.0%	NW	0	N/A
Hispanic	29.4%	35.3%	35.3%	0.0%	White	0	N/A
White	39.8%	38.9%	17.1%	4.3%			
Other	50.0%	0.0%	50.0%	0.0%			
Chi-Square ³ :		.720 <i>not sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BROCKTON POLICE DEPARTMENT**

Total Stops: 4,707	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 57.6%			Stops per 1000 18+ residents: 65.6			
	Passing through: 42.4%						
All stops				ITP¹ Stops (N = 1838, 39% of stops)			
Mean age		37.1		Mean age		36.2	
Gender %				Gender %			
Female		34.8%		Female		34.7%	
Male		64.3%		Male		64.7%	
Non-binary		0.9%		Non-binary		0.5%	
Race %				Race %			
AA/Black		64.5%		AA/Black		65.6%	
Hispanic		3.1%		Hispanic		2.6%	
White		31.8%		White		31.3%	
Other		0.6%		Other		0.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	64.5%	45.6%	18.9%	AA/Black	64.5%	15.7%	48.8%
Hispanic	3.1%	11.1%	-8.0%	Hispanic	3.1%	14.7%	-11.6%
White	31.8%	30.8%	1.0%	White	31.8%	65.5%	-33.7%
Other	0.6%	6.0%	-5.4%	Other	0.6%	4.1%	-3.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,951	66.8%	74.3%	NW	1,159	68.6%	70.5%
White	1,371	33.2%	25.7%	White	519	31.4%	29.5%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.495	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.699*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.765	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	44.9%	40.9%	11.3%	2.9%	NW	32	N/A
Hispanic	34.0%	34.7%	29.3%	2.0%	White	16	N/A
White	50.3%	35.0%	12.5%	2.2%			
Other	57.7%	38.5%	3.8%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BROOKFIELD POLICE DEPARTMENT**

Total Stops: 140	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 22.1%			Stops per 1000 18+ residents: N/A			
	Passing through: 77.9%						
All stops				ITP¹ Stops N/A			
Mean age		35.49		Mean age		N/A	
Gender %				Gender %			
Female		35.0%		Female		N/A	
Male		65.0%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		8.0%		AA/Black		N/A	
Hispanic		4.3%		Hispanic		N/A	
White		87.7%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.0%	N/A	N/A	AA/Black	8.0%	15.7%	-7.7%
Hispanic	4.3%	N/A	N/A	Hispanic	4.3%	14.7%	-10.4%
White	87.7%	N/A	N/A	White	87.7%	65.5%	22.2%
Other	0.0%	N/A	N/A	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	15	12.2%	15.4%	NW	N/A	N/A	N/A
White	98	87.8%	84.6%	White	N/A	N/A	N/A
Chi-Square ³ :		.631	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.732	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	18.2%	36.4%	18.2%	27.3%	NW	0	N/A
Hispanic	66.7%	0.0%	33.3%	0.0%	White	0	N/A
White	57.9%	7.4%	32.2%	2.5%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BROOKLINE POLICE DEPARTMENT**

Total Stops: 317	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 10.1%			Stops per 1000 18+ residents: 6.6			
	Passing through: 89.9%						
All stops				ITP¹ Stops N/A			
Mean age		38.16		Mean age		N/A	
Gender %				Gender %			
Female		28.4%		Female		N/A	
Male		71.3%		Male		N/A	
Non-binary		0.3%		Non-binary		N/A	
Race %				Race %			
AA/Black		24.2%		AA/Black		N/A	
Hispanic		14.5%		Hispanic		N/A	
White		49.7%		White		N/A	
Other		11.6%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	24.2%	3.2%	21.0%	AA/Black	24.2%	15.7%	8.5%
Hispanic	14.5%	6.8%	7.7%	Hispanic	14.5%	14.7%	-0.2%
White	49.7%	68.0%	-18.3%	White	49.7%	65.5%	-15.8%
Other	11.6%	22.6%	-11.0%	Other	11.6%	4.1%	7.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	144	48.8%	56.3%	NW	N/A	N/A	N/A
White	139	51.2%	43.8%	White	N/A	N/A	N/A
Chi-Square ³ :		.257 <i>not sig.</i>		Chi-Square ³ :		N/A N/A	
Odds ratio Exp(B) ⁴ :		.737 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		N/A N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	5.3%	68.0%	13.3%	13.3%	NW	1	N/A
Hispanic	8.9%	80.0%	8.9%	2.2%	White	0	N/A
White	5.2%	79.2%	14.3%	1.3%			
Other	8.3%	75.0%	16.7%	0.0%			
Chi-Square ³ :		.006* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BURLINGTON POLICE DEPARTMENT**

Total Stops: 639	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 25.1%			Stops per 1000 18+ residents: 28.1			
	Passing through: 74.9%						
All stops				ITP¹ Stops (N = 258, 40.4% of stops)			
Mean age		39.03		Mean age		38.08	
Gender %				Gender %			
Female		38.1%		Female		33.9%	
Male		61.1%		Male		65.8%	
Non-binary		0.8%		Non-binary		0.4%	
Race %				Race %			
AA/Black		11.9%		AA/Black		11.1%	
Hispanic		4.4%		Hispanic		5.9%	
White		73.7%		White		71.9%	
Other		10.0%		Other		11.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.9%	4.5%	7.4%	AA/Black	11.9%	15.7%	-3.8%
Hispanic	4.4%	3.1%	1.3%	Hispanic	4.4%	14.7%	-10.3%
White	73.7%	71.5%	2.2%	White	73.7%	65.5%	8.2%
Other	10.0%	21.0%	-11.0%	Other	10.0%	4.1%	5.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	154	24.5%	32.2%	NW	66	25.7%	35.4%
White	417	75.5%	67.8%	White	166	74.3%	64.6%
Chi-Square ³ :		.051 <i>not sig.</i>		Chi-Square ³ :		.144 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.659* <i>sig.</i>		Odds ratio Exp(B) ⁴ :		.577 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.0%	18.7%	9.3%	4.0%	NW	1	N/A
Hispanic	57.1%	17.9%	21.4%	3.6%	White	3	N/A
White	73.1%	18.5%	7.5%	0.9%			
Other	87.3%	9.5%	3.2%	0.0%			
Chi-Square ³ :		.012* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CAMBRIDGE POLICE DEPARTMENT**

Total Stops: 3,697	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 21.5%			Stops per 1000 18+ residents: 35.4			
	Passing through: 78.5%						
All stops				ITP¹ Stops (N = 1731, 46.8% of stops)			
Mean age		41.14		Mean age		39.84	
Gender %				Gender %			
Female		32.2%		Female		31.3%	
Male		66.8%		Male		67.8%	
Non-binary		1.0%		Non-binary		0.9%	
Race %				Race %			
AA/Black		19.8%		AA/Black		19.9%	
Hispanic		9.9%		Hispanic		10.6%	
White		60.0%		White		58.8%	
Other		10.3%		Other		10.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	19.8%	10.7%	9.1%	AA/Black	19.8%	15.7%	4.1%
Hispanic	9.9%	9.5%	0.4%	Hispanic	9.9%	14.7%	-4.8%
White	60.0%	59.8%	0.2%	White	60.0%	65.5%	-5.5%
Other	10.3%	21.4%	-11.1%	Other	10.3%	4.1%	6.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,339	38.6%	45.1%	NW	635	41.1%	42.0%
White	2,014	61.4%	54.9%	White	900	58.9%	58.0%
Chi-Square ³ :		.002*	<i>sig.</i>	Chi-Square ³ :		.741	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.736*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.928	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.4%	23.3%	6.9%	0.4%	NW	6	N/A
Hispanic	74.3%	19.8%	5.0%	0.8%	White	11	N/A
White	72.0%	24.9%	2.8%	0.3%			
Other	75.7%	22.9%	1.3%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CANTON POLICE DEPARTMENT**

Total Stops: 241	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 20.7%			Stops per 1000 18+ residents: 12.9			
	Passing through: 79.3%						
All stops				ITP¹ Stops N/A			
Mean age		37.36		Mean age		N/A	
Gender %				Gender %			
Female		29.0%		Female		N/A	
Male		68.0%		Male		N/A	
Non-binary		2.9%		Non-binary		N/A	
Race %				Race %			
AA/Black		36.9%		AA/Black		N/A	
Hispanic		4.6%		Hispanic		N/A	
White		56.2%		White		N/A	
Other		2.3%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	36.9%	5.2%	31.7%	AA/Black	36.9%	15.7%	21.2%
Hispanic	4.6%	4.1%	0.5%	Hispanic	4.6%	14.7%	-10.1%
White	56.2%	80.9%	-24.7%	White	56.2%	65.5%	-9.3%
Other	2.3%	9.3%	-7.0%	Other	2.3%	4.1%	-1.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	83	45.1%	38.9%	NW	N/A	N/A	N/A
White	111	54.9%	61.1%	White	N/A	N/A	N/A
Chi-Square ³ :		.400	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		1.673	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	25.0%	20.0%	46.3%	8.8%	NW	1	N/A
Hispanic	20.0%	10.0%	70.0%	0.0%	White	4	N/A
White	50.0%	14.8%	26.2%	9.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.001* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CARLISLE POLICE DEPARTMENT**

Total Stops: 141	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.9%			Stops per 1000 18+ residents: 34.6			
	Passing through: 82.1%						
All stops				ITP¹ Stops N/A			
Mean age		37.55		Mean age		N/A	
Gender %				Gender %			
Female		43.3%		Female		N/A	
Male		56.7%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		4.3%		AA/Black		N/A	
Hispanic		2.8%		Hispanic		N/A	
White		83.0%		White		N/A	
Other		9.9%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.3%	0.0%	4.3%	AA/Black	4.3%	15.7%	-11.4%
Hispanic	2.8%	0.8%	2.0%	Hispanic	2.8%	14.7%	-11.9%
White	83.0%	85.9%	-2.9%	White	83.0%	65.5%	17.5%
Other	9.9%	13.3%	-3.4%	Other	9.9%	4.1%	5.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	19.8%	4.2%	NW	N/A	N/A	N/A
White	112	80.2%	95.8%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	50.0%	0.0%	0.0%	NW	0	N/A
Hispanic	25.0%	50.0%	25.0%	0.0%	White	0	N/A
White	54.7%	35.9%	9.4%	0.0%			
Other	57.1%	42.9%	0.0%	0.0%			
Chi-Square ³ :		.627		not sig.			

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CARVER POLICE DEPARTMENT**

Total Stops: 114	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 20.2%			Stops per 1000 18+ residents: 12.3			
	Passing through: 79.8%						
All stops				ITP¹ Stops N/A			
Mean age		35.62		Mean age		N/A	
Gender %				Gender %			
Female		34.2%		Female		N/A	
Male		64.0%		Male		N/A	
Non-binary		1.8%		Non-binary		N/A	
Race %				Race %			
AA/Black		7.1%		AA/Black		N/A	
Hispanic		4.5%		Hispanic		N/A	
White		88.4%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.1%	0.5%	6.6%	AA/Black	7.1%	15.7%	-8.6%
Hispanic	4.5%	2.4%	2.1%	Hispanic	4.5%	14.7%	-10.2%
White	88.4%	92.5%	-4.1%	White	88.4%	65.5%	22.9%
Other	0.0%	3.3%	-3.3%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	11	10.8%	11.1%	NW	N/A	N/A	N/A
White	90	89.2%	88.9%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	37.5%	0.0%	62.5%	0.0%	NW	0	N/A
Hispanic	60.0%	0.0%	40.0%	0.0%	White	0	N/A
White	59.6%	22.2%	15.2%	3.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ : .036* <i>sig.</i>							

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CHARLTON POLICE DEPARTMENT**

Total Stops: 548	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 18.6%			Stops per 1000 18+ residents: 51.2			
	Passing through: 81.4%						
All stops				ITP¹ Stops (N = 219, 40% of stops)			
Mean age		35.49		Mean age		34.97	
Gender %				Gender %			
Female		36.0%		Female		32.9%	
Male		63.4%		Male		66.2%	
Non-binary		0.5%		Non-binary		0.9%	
Race %				Race %			
AA/Black		7.8%		AA/Black		8.0%	
Hispanic		12.1%		Hispanic		14.1%	
White		78.5%		White		75.6%	
Other		1.7%		Other		2.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.8%	0.9%	6.9%	AA/Black	7.8%	15.7%	-7.9%
Hispanic	12.1%	6.1%	6.0%	Hispanic	12.1%	14.7%	-2.6%
White	78.5%	90.5%	-12.0%	White	78.5%	65.5%	13.0%
Other	1.7%	3.7%	-2.0%	Other	1.7%	4.1%	-2.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	112	19.0%	31.2%	NW	49	19.1%	33.7%
White	390	81.0%	68.8%	White	144	80.9%	66.3%
Chi-Square ³ :		.003*	<i>sig.</i>	Chi-Square ³ :		.021*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.571*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.524	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	47.6%	35.7%	16.7%	0.0%	NW	1	N/A
Hispanic	40.0%	26.2%	30.8%	3.1%	White	2	N/A
White	55.8%	30.5%	11.1%	2.6%			
Other	44.4%	44.4%	11.1%	0.0%			
Chi-Square ³ :		.010*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CHELMSFORD POLICE DEPARTMENT**

Total Stops: 894	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		21.6%	Stops per 1000 18+ residents:			
	Passing through:		78.4%	31.9			
All stops				ITP¹ Stops (N = 170, 19% of stops)			
Mean age		39.7		Mean age		38.27	
Gender %				Gender %			
Female		42.9%		Female		36.5%	
Male		56.3%		Male		63.5%	
Non-binary		0.8%		Non-binary		0.0%	
Race %				Race %			
AA/Black		10.0%		AA/Black		7.9%	
Hispanic		8.8%		Hispanic		15.2%	
White		72.4%		White		66.1%	
Other		8.8%		Other		10.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	10.0%	0.9%	9.1%	AA/Black	10.0%	15.7%	-5.7%
Hispanic	8.8%	3.3%	5.5%	Hispanic	8.8%	14.7%	-5.9%
White	72.4%	85.2%	-12.8%	White	72.4%	65.5%	6.9%
Other	8.8%	11.0%	-2.2%	Other	8.8%	4.1%	4.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	218	26.1%	36.6%	NW	52	30.4%	44.7%
White	577	73.9%	63.4%	White	97	69.6%	55.3%
Chi-Square ³ :		.026*	<i>sig.</i>	Chi-Square ³ :		.089	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.661	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.725	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.2%	12.8%	5.8%	1.2%	NW	0	N/A
Hispanic	66.7%	25.3%	5.3%	2.7%	White	1	N/A
White	77.6%	16.8%	3.4%	2.3%			
Other	62.7%	33.3%	1.3%	2.7%		Counts	Percent
Chi-Square ³ :		.019*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CHELSEA POLICE DEPARTMENT**

Total Stops: 962	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 38.9%			Stops per 1000 18+ residents: 32.8			
	Passing through: 61.1%						
All stops				ITP¹ Stops (N = 263, 27.3% of stops)			
Mean age		40.72		Mean age		38.55	
Gender %				Gender %			
Female		29.1%		Female		22.6%	
Male		69.5%		Male		76.2%	
Non-binary		1.5%		Non-binary		1.1%	
Race %				Race %			
AA/Black		9.9%		AA/Black		9.3%	
Hispanic		42.4%		Hispanic		44.0%	
White		44.0%		White		44.0%	
Other		3.8%		Other		2.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.9%	6.4%	3.5%	AA/Black	9.9%	15.7%	-5.8%
Hispanic	42.4%	67.0%	-24.6%	Hispanic	42.4%	14.7%	27.7%
White	44.0%	20.6%	23.4%	White	44.0%	65.5%	-21.5%
Other	3.8%	36.9%	-33.1%	Other	3.8%	4.1%	-0.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	481	58.1%	50.0%	NW	133	60.7%	45.6%
White	375	41.9%	50.0%	White	103	39.3%	54.4%
Chi-Square ³ :		.041*	<i>sig.</i>	Chi-Square ³ :		.034*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		1.055	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.605	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.1%	18.7%	11.0%	2.2%	NW	6	N/A
Hispanic	69.8%	10.5%	16.6%	3.1%	White	4	N/A
White	61.6%	16.3%	19.0%	3.2%			
Other	85.7%	14.3%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.014*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CHICOPEE POLICE DEPARTMENT**

Total Stops: 3,464	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 41.3%			Stops per 1000 18+ residents: 78.5			
	Passing through: 58.7%						
All stops				ITP¹ Stops (N = 1,037, 29.9% of stops)			
Mean age		38.86		Mean age		38.54	
Gender %				Gender %			
Female		37.0%		Female		36.4%	
Male		63.0%		Male		63.6%	
Non-binary		0.1%		Non-binary		0.0%	
Race %				Race %			
AA/Black		11.1%		AA/Black		10.4%	
Hispanic		25.8%		Hispanic		24.5%	
White		61.2%		White		63.3%	
Other		1.9%		Other		1.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.1%	5.2%	5.9%	AA/Black	11.1%	15.7%	-4.6%
Hispanic	25.8%	21.0%	4.8%	Hispanic	25.8%	14.7%	11.1%
White	61.2%	71.2%	-10.0%	White	61.2%	65.5%	-4.3%
Other	1.9%	4.6%	-2.7%	Other	1.9%	4.1%	-2.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,274	34.1%	48.4%	NW	337	34.7%	41.4%
White	1,991	65.9%	51.6%	White	572	65.3%	58.6%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.047*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.549*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.732	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.1%	5.3%	18.4%	7.2%	NW	1	N/A
Hispanic	67.4%	7.1%	18.5%	7.0%	White	7	N/A
White	84.9%	5.2%	6.5%	3.4%			
Other	89.2%	4.6%	4.6%	1.5%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
COHASSET POLICE DEPARTMENT**

Total Stops: 906	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 27.6%			Stops per 1000 18+ residents: 148.9			
	Passing through: 72.4%						
All stops				ITP¹ Stops (N = 464, 51.2% of stops)			
Mean age		41.68		Mean age		40.81	
Gender %				Gender %			
Female		40.1%		Female		35.6%	
Male		58.8%		Male		63.4%	
Non-binary		1.1%		Non-binary		1.1%	
Race %				Race %			
AA/Black		1.6%		AA/Black		1.1%	
Hispanic		2.6%		Hispanic		3.7%	
White		95.1%		White		94.3%	
Other		0.8%		Other		0.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	1.6%	0.7%	0.9%	AA/Black	1.6%	15.7%	-14.1%
Hispanic	2.6%	1.4%	1.2%	Hispanic	2.6%	14.7%	-12.1%
White	95.1%	95.4%	-0.3%	White	95.1%	65.5%	29.6%
Other	0.8%	2.3%	-1.5%	Other	0.8%	4.1%	-3.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	40	3.9%	10.1%	NW	25	5.1%	9.9%
White	742	96.1%	89.9%	White	398	94.9%	90.1%
Chi-Square ³ :		.002*	<i>sig.</i>	Chi-Square ³ :		.122	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.378*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.519	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0	N/A
Hispanic	91.3%	4.3%	4.3%	0.0%	White	3	N/A
White	96.2%	2.2%	1.5%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.871				Counts	Percent
		<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
COLRAIN POLICE DEPARTMENT**

Total Stops: 178	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 7.9%			Stops per 1000 18+ residents: N/A			
	Passing through: 92.1%						
All stops				ITP¹ Stops N/A			
Mean age		42.63		Mean age		N/A	
Gender %				Gender %			
Female		37.1%		Female		N/A	
Male		62.4%		Male		N/A	
Non-binary		0.6%		Non-binary		N/A	
Race %				Race %			
AA/Black		2.4%		AA/Black		N/A	
Hispanic		0.0%		Hispanic		N/A	
White		97.0%		White		N/A	
Other		0.6%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.4%	N/A	N/A	AA/Black	2.4%	15.7%	-13.3%
Hispanic	0.0%	N/A	N/A	Hispanic	0.0%	14.7%	-14.7%
White	97.0%	N/A	N/A	White	97.0%	65.5%	31.5%
Other	0.6%	N/A	N/A	Other	0.6%	4.1%	-3.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	5	3.2%	2.9%	NW	N/A	N/A	N/A
White	155	96.8%	97.1%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	50.0%	50.0%	0.0%	0.0%	NW	0	N/A
Hispanic	0.0%	0.0%	0.0%	0.0%	White	2	N/A
White	70.4%	25.8%	3.8%	0.0%			
Other	0.0%	100.0%	0.0%	0.0%			
Chi-Square ³ :		.408 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
CONCORD POLICE DEPARTMENT**

Total Stops: 2,346	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 20.2%			Stops per 1000 18+ residents: 163.4			
	Passing through: 79.8%						
All stops				ITP¹ Stops (N = 886, 37.8% of stops)			
Mean age		40.78		Mean age		41.21	
Gender %				Gender %			
Female		41.2%		Female		42.1%	
Male		58.7%		Male		57.8%	
Non-binary		0.2%		Non-binary		0.1%	
Race %				Race %			
AA/Black		9.5%		AA/Black		7.0%	
Hispanic		6.7%		Hispanic		5.3%	
White		76.8%		White		79.4%	
Other		6.9%		Other		8.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.5%	4.0%	5.5%	AA/Black	9.5%	15.7%	-6.2%
Hispanic	6.7%	7.2%	-0.5%	Hispanic	6.7%	14.7%	-8.0%
White	76.8%	79.4%	-2.6%	White	76.8%	65.5%	11.3%
Other	6.9%	10.0%	-3.1%	Other	6.9%	4.1%	2.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	518	18.5%	33.5%	NW	162	18.5%	24.1%
White	1,721	81.5%	66.5%	White	644	81.5%	75.9%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.069	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.443*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.644*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.5%	24.2%	14.8%	0.4%	NW	3	N/A
Hispanic	51.6%	28.0%	18.5%	1.9%	White	2	N/A
White	67.9%	25.9%	5.2%	1.0%			
Other	66.7%	27.8%	5.6%	0.0%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DALTON POLICE DEPARTMENT**

Total Stops: 104	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		24.0%	Stops per 1000 18+ residents:			
	Passing through:		76.0%	19.1			
All stops				ITP¹ Stops N/A			
Mean age		37.3		Mean age		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 %				Race %			
AA/Black		8.7%		AA/Black		N/A	
Hispanic		1.0%		Hispanic		N/A	
White		90.3%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.7%	0.1%	8.6%	AA/Black	8.7%	15.7%	-7.0%
Hispanic	1.0%	2.1%	-1.1%	Hispanic	1.0%	14.7%	-13.7%
White	90.3%	95.4%	-5.1%	White	90.3%	65.5%	24.8%
Other	0.0%	2.2%	-2.2%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	9	15.2%	9.3%	NW	N/A	N/A	N/A
White	67	84.8%	90.7%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	77.8%	11.1%	11.1%	0.0%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	0	N/A
White	65.6%	6.5%	26.9%	1.1%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.933		<i>not sig.</i>			

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DANVERS POLICE DEPARTMENT**

Total Stops: 1,282	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 22.0%			Stops per 1000 18+ residents: 57.5			
	Passing through: 78.0%						
All stops				ITP¹ Stops (N = 365, 28.5% of stops)			
Mean age		4232		Mean age		41.3	
Gender %				Gender %			
Female		41.6%		Female		40.5%	
Male		58.0%		Male		58.9%	
Non-binary		0.4%		Non-binary		0.5%	
Race %				Race %			
AA/Black		6.6%		AA/Black		7.2%	
Hispanic		6.5%		Hispanic		7.0%	
White		84.7%		White		81.9%	
Other		2.2%		Other		3.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.6%	2.4%	4.2%	AA/Black	6.6%	15.7%	-9.1%
Hispanic	6.5%	5.1%	1.4%	Hispanic	6.5%	14.7%	-8.2%
White	84.7%	87.6%	-2.9%	White	84.7%	65.5%	19.2%
Other	2.2%	5.0%	-2.8%	Other	2.2%	4.1%	-1.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	178	13.2%	19.6%	NW	58	17.6%	19.8%
White	1,001	86.8%	80.4%	White	258	82.4%	80.2%
Chi-Square ³ :		.005*	<i>sig.</i>	Chi-Square ³ :		.620	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.616*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.089	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.7%	6.0%	10.8%	2.4%	NW	1	N/A
Hispanic	72.0%	6.1%	19.5%	2.4%	White	1	N/A
White	90.0%	3.6%	4.6%	1.9%			
Other	92.9%	3.6%	3.6%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DARTMOUTH POLICE DEPARTMENT**

Total Stops: 1,736	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 32.3%			Stops per 1000 18+ residents: 60			
	Passing through: 67.7%						
All stops				ITP¹ Stops (N = 571, 32.9% of stops)			
Mean age		38.79		Mean age		36.93	
Gender %				Gender %			
Female		46.2%		Female		43.8%	
Male		53.6%		Male		56.0%	
Non-binary		0.2%		Non-binary		0.2%	
Race %				Race %			
AA/Black		8.6%		AA/Black		9.3%	
Hispanic		7.6%		Hispanic		7.1%	
White		82.3%		White		82.2%	
Other		1.4%		Other		1.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.6%	3.2%	5.4%	AA/Black	8.6%	15.7%	-7.1%
Hispanic	7.6%	3.1%	4.5%	Hispanic	7.6%	14.7%	-7.1%
White	82.3%	89.1%	-6.8%	White	82.3%	65.5%	16.8%
Other	1.4%	4.6%	-3.2%	Other	1.4%	4.1%	-2.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	286	16.6%	19.3%	NW	85	16.6%	16.8%
White	1,371	83.4%	80.7%	White	425	83.4%	83.2%
Chi-Square ³ :		.204 <i>not sig.</i>		Chi-Square ³ :		.934 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.829 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.915 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	52.3%	14.1%	28.2%	5.4%	NW	2	N/A
Hispanic	49.6%	9.9%	32.8%	7.6%	White	0	N/A
White	72.6%	10.5%	13.4%	3.4%			
Other	64.0%	16.0%	12.0%	8.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DEDHAM POLICE DEPARTMENT**

Total Stops: 703	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.9%			Stops per 1000 18+ residents: 34.5			
	Passing through: 82.1%						
All stops				ITP¹ Stops (N = 234, 33.3% of stops)			
Mean age		41.74		Mean age		41.04	
Gender %				Gender %			
Female		41.9%		Female		47.8%	
Male		56.8%		Male		51.3%	
Non-binary		1.3%		Non-binary		0.9%	
Race %				Race %			
AA/Black		21.8%		AA/Black		25.6%	
Hispanic		10.2%		Hispanic		12.8%	
White		65.5%		White		57.7%	
Other		2.5%		Other		4.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	21.8%	8.2%	13.6%	AA/Black	21.8%	15.7%	6.1%
Hispanic	10.2%	8.7%	1.5%	Hispanic	10.2%	14.7%	-4.5%
White	65.5%	78.8%	-13.3%	White	65.5%	65.5%	0.0%
Other	2.5%	5.4%	-2.9%	Other	2.5%	4.1%	-1.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	213	33.0%	47.6%	NW	84	42.3%	41.2%
White	386	67.0%	52.4%	White	116	57.7%	58.8%
Chi-Square ³ :		.004*	<i>sig.</i>	Chi-Square ³ :		.890	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.542*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.979	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	87.2%	10.8%	2.0%	0.0%	NW	0	N/A
Hispanic	71.0%	13.0%	13.0%	2.9%	White	2	N/A
White	89.0%	7.9%	2.5%	0.7%			
Other	94.1%	5.9%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DEERFIELD POLICE DEPARTMENT**

Total Stops: 120	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		5.0%	Stops per 1000 18+ residents:				N/A
	Passing through:		95.0%					
All stops				ITP¹ Stops N/A				
Mean age		34.3		Mean age		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 %				Race %				
AA/Black		2.5%		AA/Black		N/A		
Hispanic		1.7%		Hispanic		N/A		
White		94.9%		White		N/A		
Other		0.8%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	2.5%	N/A	N/A	AA/Black	2.5%	15.7%	-13.2%	
Hispanic	1.7%	N/A	N/A	Hispanic	1.7%	14.7%	-13.0%	
White	94.9%	N/A	N/A	White	94.9%	65.5%	29.4%	
Other	0.8%	N/A	N/A	Other	0.8%	4.1%	-3.3%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	5	3.5%	7.3%	NW	N/A	N/A	N/A	
White	93	96.5%	92.7%	White	N/A	N/A	N/A	
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0	N/A	
Hispanic	50.0%	0.0%	50.0%	0.0%	White	5	N/A	
White	53.6%	19.6%	20.5%	6.3%				
Other	100.0%	0.0%	0.0%	0.0%				
Chi-Square ³ :		.855 <i>not sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DENNIS POLICE DEPARTMENT**

Total Stops: 435	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		5.1%	Stops per 1000 18+ residents:				35.8
	Passing through:		94.9%					
All stops				ITP¹ Stops (N = 134, 30.8% of stops)				
Mean age		42.23		Mean age		40.54		
Gender %				Gender %				
Female		35.2%		Female		34.3%		
Male		64.1%		Male		65.7%		
Non-binary		0.7%		Non-binary		0.0%		
Race %				Race %				
AA/Black		8.9%		AA/Black		7.6%		
Hispanic		0.0%		Hispanic		0.0%		
White		90.9%		White		91.6%		
Other		0.2%		Other		0.8%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	8.9%	4.0%	4.9%	AA/Black	8.9%	15.7%	-6.8%	
Hispanic	0.0%	2.1%	-2.1%	Hispanic	0.0%	14.7%	-14.7%	
White	90.9%	90.8%	0.1%	White	90.9%	65.5%	25.4%	
Other	0.2%	2.9%	-2.7%	Other	0.2%	4.1%	-3.9%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	35	7.2%	14.9%	NW	7	6.6%	5.3%	
White	359	92.8%	85.1%	White	107	93.4%	94.7%	
Chi-Square ³ :		.024*	sig.	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		.426*	sig.	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest	Search?			
AA/Black	55.3%	10.5%	23.7%	10.5%	NW	0	N/A	
Hispanic	0.0%	0.0%	0.0%	0.0%	White	2	N/A	
White	69.8%	8.0%	15.7%	6.4%				
Other	100.0%	0.0%	0.0%	0.0%				
Chi-Square ³ :		.678		not sig.				
					Counts		Percent	

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DIGHTON POLICE DEPARTMENT**

Total Stops: 307	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 16.0%			Stops per 1000 18+ residents: 47.9			
	Passing through: 84.0%						
All stops				ITP¹ Stops N/A			
Mean age		37.97		Mean age		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 %				Race %			
AA/Black		5.1%		AA/Black		N/A	
Hispanic		2.0%		Hispanic		N/A	
White		91.5%		White		N/A	
Other		1.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.1%	3.1%	2.0%	AA/Black	5.1%	15.7%	-10.6%
Hispanic	2.0%	0.4%	1.6%	Hispanic	2.0%	14.7%	-12.7%
White	91.5%	92.0%	-0.5%	White	91.5%	65.5%	26.0%
Other	1.4%	2.1%	-0.7%	Other	1.4%	4.1%	-2.7%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	7.1%	13.0%	NW	N/A	N/A	N/A
White	261	92.9%	87.0%	White	N/A	N/A	N/A
Chi-Square ³ :		.179 <i>not sig.</i>		Chi-Square ³ :		N/A N/A	
Odds ratio Exp(B) ⁴ :		.586 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		N/A N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	26.7%	13.3%	60.0%	0.0%	NW	0	N/A
Hispanic	50.0%	0.0%	50.0%	0.0%	White	0	N/A
White	38.9%	32.6%	24.4%	4.1%			
Other	75.0%	0.0%	25.0%	0.0%			
Chi-Square ³ :		.068 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DOUGLAS POLICE DEPARTMENT**

Total Stops: 470	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 20.3%			Stops per 1000 18+ residents: 68.1			
	Passing through: 79.7%						
All stops				ITP¹ Stops (N = 218, 46.4% of stops)			
Mean age		34.73		Mean age		35.69	
Gender %				Gender %			
Female		35.4%		Female		33.5%	
Male		62.7%		Male		66.1%	
Non-binary		1.9%		Non-binary		0.5%	
Race %				Race %			
AA/Black		6.4%		AA/Black		3.7%	
Hispanic		5.0%		Hispanic		1.4%	
White		86.6%		White		93.5%	
Other		2.0%		Other		1.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.4%	0.3%	6.1%	AA/Black	6.4%	15.7%	-9.3%
Hispanic	5.0%	5.7%	-0.7%	Hispanic	5.0%	14.7%	-9.7%
White	86.6%	91.1%	-4.5%	White	86.6%	65.5%	21.1%
Other	2.0%	3.0%	-1.0%	Other	2.0%	4.1%	-2.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	59	13.3%	14.7%	NW	12	6.7%	5.4%
White	367	86.7%	85.3%	White	179	93.3%	94.6%
Chi-Square ³ :		.677 <i>not sig.</i>		Chi-Square ³ :		N/A N/A	
Odds ratio Exp(B) ⁴ :		.797 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		N/A N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.1%	10.3%	24.1%	3.4%	NW	0	N/A
Hispanic	69.6%	17.4%	13.0%	0.0%	White	1	N/A
White	61.3%	12.4%	18.5%	7.8%			
Other	33.3%	33.3%	22.2%	11.1%		Counts	Percent
Chi-Square ³ :		.490 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DOVER POLICE DEPARTMENT**

Total Stops: 187	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 16.0%			Stops per 1000 18+ residents: 42.2			
	Passing through: 84.0%						
All stops				ITP¹ Stops N/A			
Mean age		35.82		Mean age		N/A	
Gender %				Gender %			
Female		32.1%		Female		N/A	
Male		67.4%		Male		N/A	
Non-binary		0.5%		Non-binary		N/A	
Race %				Race %			
AA/Black		3.8%		AA/Black		N/A	
Hispanic		5.4%		Hispanic		N/A	
White		86.6%		White		N/A	
Other		4.3%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.8%	0.0%	3.8%	AA/Black	3.8%	15.7%	-11.9%
Hispanic	5.4%	3.1%	2.3%	Hispanic	5.4%	14.7%	-9.3%
White	86.6%	84.8%	1.8%	White	86.6%	65.5%	21.1%
Other	4.3%	12.4%	-8.1%	Other	4.3%	4.1%	0.2%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	12.5%	14.3%	NW	N/A	N/A	N/A
White	155	87.5%	85.7%	White	N/A	N/A	N/A
Chi-Square ³ :		.763	not sig.	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.693	not sig.	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	71.4%	0.0%	28.6%	0.0%	NW	0	N/A
Hispanic	70.0%	0.0%	30.0%	0.0%	White	1	N/A
White	64.6%	18.6%	14.3%	2.5%			
Other	62.5%	25.0%	12.5%	0.0%			
Chi-Square ³ :		.697	not sig.				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DRACUT POLICE DEPARTMENT**

Total Stops: 238	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 44.1%			Stops per 1000 18+ residents: 9.6			
	Passing through: 55.9%						
All stops				ITP¹ Stops N/A			
Mean age		35.86		Mean age		N/A	
Gender %				Gender %			
Female		34.0%		Female		N/A	
Male		65.5%		Male		N/A	
Non-binary		0.4%		Non-binary		N/A	
Race %				Race %			
AA/Black		9.3%		AA/Black		N/A	
Hispanic		24.6%		Hispanic		N/A	
White		62.7%		White		N/A	
Other		3.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.3%	4.5%	4.8%	AA/Black	9.3%	15.7%	-6.4%
Hispanic	24.6%	6.6%	18.0%	Hispanic	24.6%	14.7%	9.9%
White	62.7%	83.4%	-20.7%	White	62.7%	65.5%	-2.8%
Other	3.4%	6.1%	-2.7%	Other	3.4%	4.1%	-0.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	84	28.6%	53.5%	NW	N/A	N/A	N/A
White	135	71.4%	46.5%	White	N/A	N/A	N/A
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.343*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.8%	13.6%	0.0%	4.5%	NW	0	N/A
Hispanic	65.5%	19.0%	8.6%	6.9%	White	2	N/A
White	69.6%	14.2%	9.5%	6.8%			
Other	75.0%	25.0%	0.0%	0.0%			
Chi-Square ³ :		.813	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DUDLEY POLICE DEPARTMENT**

Total Stops: 450	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		25.7%	Stops per 1000 18+ residents:			
	Passing through:		74.3%	48.2			
All stops				ITP¹ Stops (N = 144, 32% of stops)			
Mean age		33.81		Mean age		34.5	
Gender %				Gender %			
Female		33.3%		Female		32.6%	
Male		66.4%		Male		67.4%	
Non-binary		0.2%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.1%		AA/Black		4.2%	
Hispanic		16.5%		Hispanic		16.7%	
White		77.9%		White		76.4%	
Other		1.6%		Other		2.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.1%	2.0%	2.1%	AA/Black	4.1%	15.7%	-11.6%
Hispanic	16.5%	3.6%	12.9%	Hispanic	16.5%	14.7%	1.8%
White	77.9%	88.4%	-10.5%	White	77.9%	65.5%	12.4%
Other	1.6%	6.2%	-4.6%	Other	1.6%	4.1%	-2.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	86	11.6%	33.9%	NW	25	22.4%	16.2%
White	321	88.4%	66.1%	White	97	77.6%	83.8%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.440	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.281*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.616	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	44.4%	38.9%	11.1%	5.6%	NW	0	N/A
Hispanic	19.2%	32.9%	30.1%	17.8%	White	11	N/A
White	51.0%	19.7%	19.4%	9.9%			
Other	42.9%	28.6%	14.3%	14.3%		Counts	Percent
Chi-Square ³ :		.001* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DUNSTABLE POLICE DEPARTMENT**

Total Stops: 305	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 3.9%			Stops per 1000 18+ residents: N/A			
	Passing through: 96.1%						
All stops				ITP¹ Stops (N = 133, 43.6% of stops)			
Mean age		34.17		Mean age		35.77	
Gender %				Gender %			
Female		25.8%		Female		26.3%	
Male		73.8%		Male		73.7%	
Non-binary		0.3%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.6%		AA/Black		3.0%	
Hispanic		10.9%		Hispanic		5.3%	
White		79.2%		White		83.3%	
Other		5.3%		Other		8.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.6%	N/A	N/A	AA/Black	4.6%	15.7%	-11.1%
Hispanic	10.9%	N/A	N/A	Hispanic	10.9%	14.7%	-3.8%
White	79.2%	N/A	N/A	White	79.2%	65.5%	13.7%
Other	5.3%	N/A	N/A	Other	5.3%	4.1%	1.2%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	59	22.2%	16.2%	NW	19	14.8%	18.8%
White	225	77.8%	83.8%	White	101	85.2%	81.3%
Chi-Square ³ :		.284	<i>not sig.</i>	Chi-Square ³ :		.598	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.527	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.712	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	7.1%	28.6%	57.1%	7.1%	NW	0	N/A
Hispanic	3.0%	6.1%	90.9%	0.0%	White	0	N/A
White	11.7%	35.4%	50.8%	2.1%			
Other	6.3%	50.0%	43.8%	0.0%		Counts	Percent
Chi-Square ³ :		.005* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
DUXBURY POLICE DEPARTMENT**

Total Stops: 697	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 25.7%			Stops per 1000 18+ residents: 58.6			
	Passing through: 74.3%						
All stops				ITP¹ Stops (N = 195, 28% of stops)			
Mean age		36.56		Mean age		36.36	
Gender %				Gender %			
Female		37.6%		Female		33.3%	
Male		61.1%		Male		65.6%	
Non-binary		1.3%		Non-binary		1.0%	
Race %				Race %			
AA/Black		3.4%		AA/Black		3.1%	
Hispanic		3.9%		Hispanic		6.8%	
White		91.7%		White		88.0%	
Other		1.0%		Other		2.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.4%	0.8%	2.6%	AA/Black	3.4%	15.7%	-12.3%
Hispanic	3.9%	0.9%	3.0%	Hispanic	3.9%	14.7%	-10.8%
White	91.7%	95.5%	-3.8%	White	91.7%	65.5%	26.2%
Other	1.0%	2.9%	-1.9%	Other	1.0%	4.1%	-3.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	52	7.0%	11.6%	NW	21	10.9%	15.9%
White	591	93.0%	88.4%	White	152	89.1%	84.1%
Chi-Square ³ :		.073 <i>not sig.</i>		Chi-Square ³ :		.375 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.556 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.551 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	60.9%	17.4%	21.7%	0.0%	NW	1	N/A
Hispanic	53.8%	11.5%	34.6%	0.0%	White	3	N/A
White	73.0%	13.7%	11.6%	1.6%			
Other	57.1%	28.6%	14.3%	0.0%			
Chi-Square ³ :		.069 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EAST BRIDGEWATER POLICE DEPARTMENT**

Total Stops: 880	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		14.1%	Stops per 1000 18+ residents:			
	Passing through:		85.9%	81.3			
All stops				ITP¹ Stops (N = 247, 28.1% of stops)			
Mean age		33.83		Mean age		34.33	
Gender %				Gender %			
Female		28.3%		Female		21.9%	
Male		71.2%		Male		77.3%	
Non-binary		0.5%		Non-binary		0.8%	
Race %				Race %			
AA/Black		16.2%		AA/Black		13.8%	
Hispanic		3.9%		Hispanic		4.6%	
White		79.3%		White		80.8%	
Other		0.6%		Other		0.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	16.2%	3.9%	12.3%	AA/Black	16.2%	15.7%	0.5%
Hispanic	3.9%	2.1%	1.8%	Hispanic	3.9%	14.7%	-10.8%
White	79.3%	88.0%	-8.7%	White	79.3%	65.5%	13.8%
Other	0.6%	4.4%	-3.8%	Other	0.6%	4.1%	-3.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	156	18.4%	26.4%	NW	41	18.2%	21.5%
White	580	81.6%	73.6%	White	170	81.8%	78.5%
Chi-Square ³ :		.012*	<i>sig.</i>	Chi-Square ³ :		.553	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.580*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.968	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	47.7%	13.8%	34.6%	3.8%	NW	1	N/A
Hispanic	41.9%	19.4%	38.7%	0.0%	White	1	N/A
White	59.6%	18.1%	19.0%	3.3%			
Other	60.0%	20.0%	20.0%	0.0%			
Chi-Square ³ :		.008* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EAST BROOKFIELD POLICE DEPARTMENT**

Total Stops: 206	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 5.3%			Stops per 1000 18+ residents: N/A			
	Passing through: 94.7%						
All stops				ITP¹ Stops N/A			
Mean age		35.3		Mean age		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 %				Race %			
AA/Black		4.2%		AA/Black		N/A	
Hispanic		7.4%		Hispanic		N/A	
White		86.8%		White		N/A	
Other		1.6%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.2%	N/A	N/A	AA/Black	4.2%	15.7%	-11.5%
Hispanic	7.4%	N/A	N/A	Hispanic	7.4%	14.7%	-7.3%
White	86.8%	N/A	N/A	White	86.8%	65.5%	21.3%
Other	1.6%	N/A	N/A	Other	1.6%	4.1%	-2.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	24	10.1%	21.1%	NW	N/A	N/A	N/A
White	152	89.9%	78.9%	White	N/A	N/A	N/A
Chi-Square ³ :		.047*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.477	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	62.5%	0.0%	12.5%	25.0%	NW	1	N/A
Hispanic	42.9%	35.7%	14.3%	7.1%	White	6	N/A
White	66.5%	18.3%	12.8%	2.4%			
Other	33.3%	0.0%	0.0%	66.7%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EAST LONGMEADOW POLICE DEPARTMENT**

Total Stops: 293	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		18.1%	Stops per 1000 18+ residents:			
	Passing through:		81.9%	23.1			
All stops				ITP¹ Stops (N = 97, 33.1% of stops)			
Mean age		35.4		Mean age		N/A	
Gender %				Gender %			
Female		32.1%		Female		N/A	
Male		66.2%		Male		N/A	
Non-binary		1.7%		Non-binary		N/A	
Race %				Race %			
AA/Black		16.7%		AA/Black		N/A	
Hispanic		3.8%		Hispanic		N/A	
White		76.7%		White		N/A	
Other		2.8%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	16.7%	4.7%	12.0%	AA/Black	16.7%	15.7%	1.0%
Hispanic	3.8%	3.9%	-0.1%	Hispanic	3.8%	14.7%	-10.9%
White	76.7%	85.3%	-8.6%	White	76.7%	65.5%	11.2%
Other	2.8%	6.2%	-3.4%	Other	2.8%	4.1%	-1.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	59	21.1%	26.6%	NW	N/A	N/A	N/A
White	204	78.9%	73.4%	White	N/A	N/A	N/A
Chi-Square ³ :		.363	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.658	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	29.2%	6.3%	60.4%	4.2%	NW	2	N/A
Hispanic	63.6%	9.1%	27.3%	0.0%	White	6	N/A
White	51.4%	10.5%	33.6%	4.5%			
Other	62.5%	12.5%	25.0%	0.0%			
Chi-Square ³ :		.097	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EASTHAM POLICE DEPARTMENT**

Total Stops: 659	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		8.1%	Stops per 1000 18+ residents:				N/A
	Passing through:		91.9%					
All stops				ITP¹ Stops (N = 314, 47.6% of stops)				
Mean age		38.2		Mean age		37.5		
Gender %				Gender %				
Female		29.3%		Female		26.4%		
Male		70.4%		Male		73.2%		
Non-binary		0.3%		Non-binary		0.3%		
Race %				Race %				
AA/Black		9.0%		AA/Black		9.9%		
Hispanic		2.1%		Hispanic		1.6%		
White		85.6%		White		84.0%		
Other		3.2%		Other		4.5%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	9.0%	N/A	N/A	AA/Black	9.0%	15.7%	-6.7%	
Hispanic	2.1%	N/A	N/A	Hispanic	2.1%	14.7%	-12.6%	
White	85.6%	N/A	N/A	White	85.6%	65.5%	20.1%	
Other	3.2%	N/A	N/A	Other	3.2%	4.1%	-0.9%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	87	12.1%	21.2%	NW	47	15.3%	20.0%	
White	515	87.9%	78.8%	White	239	84.7%	80.0%	
Chi-Square ³ :		.006*	<i>sig.</i>	Chi-Square ³ :		.354	<i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.555*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.010	<i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ 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.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	81.4%	6.8%	10.2%	1.7%	NW	0	N/A	
Hispanic	64.3%	7.1%	28.6%	0.0%	White	1	N/A	
White	78.5%	9.8%	8.6%	3.0%				
Other	81.0%	9.5%	4.8%	4.8%				
Chi-Square ³ :		.477		<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EASTHAMPTON POLICE DEPARTMENT**

Total Stops: 265	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 40.0%			Stops per 1000 18+ residents: 19.7			
	Passing through: 60.0%						
All stops				ITP¹ Stops (N = 109, 41.1% of stops)			
Mean age		37.2		Mean age		38.5	
Gender %				Gender %			
Female		32.2%		Female		34.3%	
Male		66.3%		Male		63.0%	
Non-binary		1.5%		Non-binary		2.8%	
Race %				Race %			
AA/Black		3.5%		AA/Black		2.9%	
Hispanic		4.6%		Hispanic		7.6%	
White		91.1%		White		89.5%	
Other		0.8%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.5%	1.9%	1.6%	AA/Black	3.5%	15.7%	-12.2%
Hispanic	4.6%	4.5%	0.1%	Hispanic	4.6%	14.7%	-10.1%
White	91.1%	89.2%	1.9%	White	91.1%	65.5%	25.6%
Other	0.8%	5.0%	-4.2%	Other	0.8%	4.1%	-3.3%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	7.2%	13.2%	NW	9	7.0%	17.4%
White	214	92.8%	86.8%	White	85	93.0%	82.6%
Chi-Square ³ :		.140	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.629	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	11.1%	44.4%	33.3%	11.1%	NW	0	N/A
Hispanic	58.3%	8.3%	25.0%	8.3%	White	0	N/A
White	39.0%	36.0%	22.0%	3.0%			
Other	50.0%	0.0%	50.0%	0.0%			
Chi-Square ³ :		.334	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EASTON POLICE DEPARTMENT**

Total Stops: 554	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 0.4%			Stops per 1000 18+ residents: 27.8			
	Passing through: 99.6%						
All stops				ITP¹ Stops (N = 187, 33.8% of stops)			
Mean age		38.6		Mean age		39.3	
Gender %				Gender %			
Female		40.6%		Female		43.3%	
Male		58.8%		Male		56.1%	
Non-binary		0.5%		Non-binary		0.5%	
Race %				Race %			
AA/Black		18.0%		AA/Black		20.5%	
Hispanic		0.9%		Hispanic		0.0%	
White		79.0%		White		77.3%	
Other		2.0%		Other		2.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	18.0%	4.2%	13.8%	AA/Black	18.0%	15.7%	2.3%
Hispanic	0.9%	3.0%	-2.1%	Hispanic	0.9%	14.7%	-13.8%
White	79.0%	88.1%	-9.1%	White	79.0%	65.5%	13.5%
Other	2.0%	3.8%	-1.8%	Other	2.0%	4.1%	-2.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	106	17.2%	33.1%	NW	41	17.2%	38.5%
White	394	82.8%	66.9%	White	133	82.8%	61.5%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.003*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.476*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.454	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	35.1%	39.2%	19.6%	6.2%	NW	0	N/A
Hispanic	40.0%	40.0%	0.0%	20.0%	White	6	N/A
White	52.6%	30.5%	13.8%	3.1%			
Other	54.5%	36.4%	9.1%	0.0%			
Chi-Square ³ :		.069				Counts	Percent
		<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EDGARTOWN POLICE DEPARTMENT**

Total Stops: 138	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 37.0%			Stops per 1000 18+ residents: N/A			
	Passing through: 63.0%						
All stops				ITP¹ Stops N/A			
Mean age		38.6		Mean age		N/A	
Gender %				Gender %			
Female		20.3%		Female		N/A	
Male		79.0%		Male		N/A	
Non-binary		0.7%		Non-binary		N/A	
Race %				Race %			
AA/Black		7.5%		AA/Black		N/A	
Hispanic		0.8%		Hispanic		N/A	
White		91.7%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.5%	N/A	N/A	AA/Black	7.5%	15.7%	-8.2%
Hispanic	0.8%	N/A	N/A	Hispanic	0.8%	14.7%	-13.9%
White	91.7%	N/A	N/A	White	91.7%	65.5%	26.2%
Other	0.0%	N/A	N/A	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	9	6.4%	11.1%	NW	0	N/A	N/A
White	105	93.6%	88.9%	White	0	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	20.0%	20.0%	60.0%	0.0%	NW	0	N/A
Hispanic	0.0%	0.0%	0.0%	100.0%	White	2	N/A
White	32.0%	13.9%	34.4%	19.7%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.197 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EGREMONT POLICE DEPARTMENT**

Total Stops: 288	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.1%			Stops per 1000 18+ residents: N/A			
	Passing through: 82.9%						
All stops				ITP¹ Stops (N = 132, 45.8% of stops)			
Mean age		39.2		Mean age		39	
Gender %				Gender %			
Female		34.7%		Female		34.8%	
Male		65.3%		Male		65.2%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		3.5%		AA/Black		1.5%	
Hispanic		0.0%		Hispanic		0.0%	
White		94.7%		White		96.9%	
Other		1.8%		Other		1.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.5%	N/A	N/A	AA/Black	3.5%	15.7%	-12.2%
Hispanic	0.0%	N/A	N/A	Hispanic	0.0%	14.7%	-14.7%
White	94.7%	N/A	N/A	White	94.7%	65.5%	29.2%
Other	1.8%	N/A	N/A	Other	1.8%	4.1%	-2.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	12	3.1%	7.1%	NW	4	1.3%	8.6%
White	228	96.9%	92.9%	White	108	98.7%	91.4%
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	20.0%	60.0%	20.0%	0.0%	NW	0	N/A
Hispanic	0.0%	0.0%	0.0%	0.0%	White	0	N/A
White	22.8%	44.6%	26.6%	6.0%			
Other	20.0%	80.0%	0.0%	0.0%			
Chi-Square ³ :		.645 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ERVING POLICE DEPARTMENT**

Total Stops: 216	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		3.7%	Stops per 1000 18+ residents:				N/A
	Passing through:		96.3%					
All stops				ITP¹ Stops N/A				
Mean age		32.5		Mean age		N/A		
Gender %				Gender %				
Female		17.1%		Female		N/A		
Male		79.6%		Male		N/A		
Non-binary		3.2%		Non-binary		N/A		
Race %				Race %				
AA/Black		8.7%		AA/Black		N/A		
Hispanic		6.8%		Hispanic		N/A		
White		83.5%		White		N/A		
Other		1.0%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	8.7%	N/A	N/A	AA/Black	8.7%	15.7%	-7.0%	
Hispanic	6.8%	N/A	N/A	Hispanic	6.8%	14.7%	-7.9%	
White	83.5%	N/A	N/A	White	83.5%	65.5%	18.0%	
Other	1.0%	N/A	N/A	Other	1.0%	4.1%	-3.1%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	31	14.8%	19.4%	NW	N/A	N/A	N/A	
White	150	85.2%	80.6%	White	N/A	N/A	N/A	
Chi-Square ³ :		.413	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		.753	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest	Search?			
AA/Black	5.6%	22.2%	50.0%	22.2%	NW	6	N/A	
Hispanic	7.1%	21.4%	57.1%	14.3%	White	25	N/A	
White	25.6%	27.3%	34.3%	12.8%				
Other	0.0%	100.0%	0.0%	0.0%				
Chi-Square ³ :		.122	<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ESSEX POLICE DEPARTMENT**

Total Stops: 312	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 16.7%			Stops per 1000 18+ residents: N/A			
	Passing through: 83.3%						
All stops				ITP¹ Stops (N = 130, 41.7% of stops)			
Mean age		39.7		Mean age		38.6	
Gender %				Gender %			
Female		36.9%		Female		26.9%	
Male		63.1%		Male		73.1%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		1.0%		AA/Black		0.0%	
Hispanic		3.2%		Hispanic		5.4%	
White		93.5%		White		93.8%	
Other		2.3%		Other		0.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	1.0%	N/A	N/A	AA/Black	1.0%	15.7%	-14.7%
Hispanic	3.2%	N/A	N/A	Hispanic	3.2%	14.7%	-11.5%
White	93.5%	N/A	N/A	White	93.5%	65.5%	28.0%
Other	2.3%	N/A	N/A	Other	2.3%	4.1%	-1.8%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	6.3%	7.2%	NW	7	7.8%	0.0%
White	271	93.7%	92.8%	White	111	92.2%	100.0%
Chi-Square ³ :		.789	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.929	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	33.3%	33.3%	0.0%	33.3%	NW	0	N/A
Hispanic	20.0%	20.0%	50.0%	10.0%	White	0	N/A
White	57.6%	29.3%	10.7%	2.4%			
Other	42.9%	57.1%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
EVERETT POLICE DEPARTMENT**

Total Stops: 818	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 31.0%			Stops per 1000 18+ residents: 22.7			
	Passing through: 69.0%						
All stops				ITP¹ Stops (N = 187, 22.9% of stops)			
Mean age		37.21		Mean age		35.08	
Gender %				Gender %			
Female		24.0%		Female		23.9%	
Male		72.2%		Male		72.2%	
Non-binary		3.8%		Non-binary		3.9%	
Race %				Race %			
AA/Black		19.4%		AA/Black		16.5%	
Hispanic		29.9%		Hispanic		33.5%	
White		42.5%		White		37.6%	
Other		8.3%		Other		12.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	19.4%	18.0%	1.4%	AA/Black	19.4%	15.7%	3.7%
Hispanic	29.9%	28.3%	1.6%	Hispanic	29.9%	14.7%	15.2%
White	42.5%	43.6%	-1.1%	White	42.5%	65.5%	-23.0%
Other	8.3%	14.0%	-5.7%	Other	8.3%	4.1%	4.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	357	54.7%	71.5%	NW	92	57.9%	73.2%
White	256	45.3%	28.5%	White	56	42.1%	26.8%
Chi-Square ³ :		.001*	<i>sig.</i>	Chi-Square ³ :		.087	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.506*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.471	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.7%	22.4%	21.6%	5.2%	NW	7	N/A
Hispanic	49.0%	16.0%	27.7%	7.3%	White	5	N/A
White	54.9%	19.1%	23.9%	2.0%			
Other	71.9%	24.6%	3.5%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FAIRHAVEN POLICE DEPARTMENT**

Total Stops: 503	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 22.4%			Stops per 1000 18+ residents: 38.2			
	Passing through: 77.6%						
All stops				ITP¹ Stops (N = 186, 37% of stops)			
Mean age		38.1		Mean age		36.51	
Gender %				Gender %			
Female		38.3%		Female		46.7%	
Male		61.1%		Male		53.3%	
Non-binary		0.6%		Non-binary		0.0%	
Race %				Race %			
AA/Black		7.3%		AA/Black		3.9%	
Hispanic		8.3%		Hispanic		6.1%	
White		84.2%		White		90.1%	
Other		0.2%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.3%	0.7%	6.6%	AA/Black	7.3%	15.7%	-8.4%
Hispanic	8.3%	2.0%	6.3%	Hispanic	8.3%	14.7%	-6.4%
White	84.2%	90.6%	-6.4%	White	84.2%	65.5%	18.7%
Other	0.2%	4.7%	-4.5%	Other	0.2%	4.1%	-3.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	73	15.8%	15.8%	NW	16	7.4%	15.6%
White	389	84.2%	84.2%	White	150	92.6%	84.4%
Chi-Square ³ :		.997 <i>not sig.</i>		Chi-Square ³ :		.115 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		1.046 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.606 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	28.6%	11.4%	57.1%	2.9%	NW	0	N/A
Hispanic	7.5%	15.0%	72.5%	5.0%	White	2	N/A
White	56.0%	15.1%	23.0%	5.9%			
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FALL RIVER POLICE DEPARTMENT**

Total Stops: 4,288	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 64.0%			Stops per 1000 18+ residents: 60.4			
	Passing through: 36.0%						
All stops				ITP¹ Stops (N = 1,513, 35.3% of stops)			
Mean age		38.85		Mean age		36.87	
Gender %				Gender %			
Female		42.2%		Female		38.4%	
Male		56.8%		Male		60.9%	
Non-binary		1.0%		Non-binary		0.7%	
Race %				Race %			
AA/Black		10.9%		AA/Black		11.6%	
Hispanic		2.0%		Hispanic		2.4%	
White		86.5%		White		85.4%	
Other		0.6%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	10.9%	5.9%	5.0%	AA/Black	10.9%	15.7%	-4.8%
Hispanic	2.0%	10.5%	-8.5%	Hispanic	2.0%	14.7%	-12.7%
White	86.5%	77.2%	9.3%	White	86.5%	65.5%	21.0%
Other	0.6%	6.4%	-5.8%	Other	0.6%	4.1%	-3.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	433	12.7%	16.4%	NW	169	13.2%	18.7%
White	2,829	87.3%	83.6%	White	1,021	86.8%	81.3%
Chi-Square ³ :		.020*	sig.	Chi-Square ³ :		.033*	sig.
Odds ratio Exp(B) ⁴ :		.745*	sig.	Odds ratio Exp(B) ⁴ :		.579*	sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.8%	46.5%	11.1%	1.6%	NW	2	N/A
Hispanic	37.5%	47.2%	15.3%	0.0%	White	11	N/A
White	37.9%	54.3%	7.0%	0.8%			
Other	27.3%	72.7%	0.0%	0.0%			
Chi-Square ³ :		.003*	sig.				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FALMOUTH POLICE DEPARTMENT**

Total Stops: 831	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 12.3%			Stops per 1000 18+ residents: 31.6			
	Passing through: 87.7%						
All stops				ITP¹ Stops (N = 252, 30.3% of stops)			
Mean age		41.29		Mean age		41.67	
Gender %				Gender %			
Female		37.5%		Female		31.3%	
Male		61.0%		Male		67.9%	
Non-binary		1.4%		Non-binary		0.8%	
Race %				Race %			
AA/Black		8.4%		AA/Black		8.9%	
Hispanic		2.5%		Hispanic		3.3%	
White		88.1%		White		86.6%	
Other		1.1%		Other		1.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.4%	2.0%	6.4%	AA/Black	8.4%	15.7%	-7.3%
Hispanic	2.5%	2.5%	0.0%	Hispanic	2.5%	14.7%	-12.2%
White	88.1%	88.8%	-0.7%	White	88.1%	65.5%	22.6%
Other	1.1%	5.5%	-4.4%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	85	9.7%	17.3%	NW	30	10.1%	18.9%
White	612	90.3%	82.7%	White	189	89.9%	81.1%
Chi-Square ³ :		.004*	<i>sig.</i>	Chi-Square ³ :		.062	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.545*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.479	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	64.7%	5.9%	22.1%	7.4%	NW	1	N/A
Hispanic	50.0%	5.0%	40.0%	5.0%	White	4	N/A
White	68.7%	7.4%	20.0%	3.9%			
Other	88.9%	11.1%	0.0%	0.0%			
Chi-Square ³ :		.342				Counts	Percent
		<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FITCHBURG POLICE DEPARTMENT**

Total Stops: 1,250	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		52.7%	Stops per 1000 18+ residents:			
	Passing through:		47.3%	39.7			
All stops				ITP¹ Stops (N = 441, 35.3% of stops)			
Mean age		37.3		Mean age		36.1	
Gender %				Gender %			
Female		37.9%		Female		34.5%	
Male		60.6%		Male		64.2%	
Non-binary		1.4%		Non-binary		1.4%	
Race %				Race %			
AA/Black		8.9%		AA/Black		7.4%	
Hispanic		18.4%		Hispanic		24.1%	
White		71.1%		White		68.0%	
Other		1.5%		Other		0.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.9%	5.0%	3.9%	AA/Black	8.9%	15.7%	-6.8%
Hispanic	18.4%	28.8%	-10.4%	Hispanic	18.4%	14.7%	3.7%
White	71.1%	62.3%	8.8%	White	71.1%	65.5%	5.6%
Other	1.5%	7.5%	-6.0%	Other	1.5%	4.1%	-2.6%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	310	24.0%	39.0%	NW	125	28.5%	37.2%
White	777	76.0%	61.0%	White	269	71.5%	62.8%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.073	not sig.
Odds ratio Exp(B) ⁴ :		.497*	sig.	Odds ratio Exp(B) ⁴ :		.558*	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.1%	11.2%	17.8%	0.9%	NW	8	N/A
Hispanic	69.2%	10.4%	17.6%	2.7%	White	13	N/A
White	79.9%	5.5%	13.0%	1.5%			
Other	77.8%	11.1%	11.1%	0.0%			
Chi-Square ³ :		.027*	sig.				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FOXBOROUGH POLICE DEPARTMENT**

Total Stops: 1,108	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 26.7%			Stops per 1000 18+ residents: 77.1			
	Passing through: 73.3%						
All stops				ITP¹ Stops (N = 369, 33.3% of stops)			
Mean age		38.87		Mean age		39.42	
Gender %				Gender %			
Female		34.6%		Female		36.0%	
Male		65.4%		Male		64.0%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		9.3%		AA/Black		6.7%	
Hispanic		4.0%		Hispanic		4.4%	
White		83.2%		White		84.5%	
Other		3.5%		Other		4.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.3%	6.0%	3.3%	AA/Black	9.3%	15.7%	-6.4%
Hispanic	4.0%	5.3%	-1.3%	Hispanic	4.0%	14.7%	-10.7%
White	83.2%	83.8%	-0.6%	White	83.2%	65.5%	17.7%
Other	3.5%	6.9%	-3.4%	Other	3.5%	4.1%	-0.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	157	16.8%	15.6%	NW	43	16.7%	13.6%
White	807	83.2%	84.4%	White	253	83.3%	86.4%
Chi-Square ³ :		.588	<i>not sig.</i>	Chi-Square ³ :		.490	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.020	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.376	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.0%	1.0%	15.6%	8.3%	NW	0	N/A
Hispanic	56.1%	2.4%	34.1%	7.3%	White	2	N/A
White	81.5%	5.9%	9.1%	3.5%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FRAMINGHAM POLICE DEPARTMENT**

Total Stops: 4,175	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		42.8%	Stops per 1000 18+ residents:				69.8
	Passing through:		57.2%					
All stops				ITP¹ Stops (N = 597, 14.3% of stops)				
Mean age		41.52		Mean age		40.19		
Gender %				Gender %				
Female		42.5%		Female		39.0%		
Male		56.9%		Male		60.0%		
Non-binary		0.7%		Non-binary		1.0%		
Race %				Race %				
AA/Black		9.9%		AA/Black		9.4%		
Hispanic		8.8%		Hispanic		10.0%		
White		77.0%		White		77.6%		
Other		4.3%		Other		3.0%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif	
AA/Black	9.9%	7.3%	2.6%	AA/Black	9.9%	15.7%	-5.8%	
Hispanic	8.8%	16.1%	-7.3%	Hispanic	8.8%	14.7%	-5.9%	
White	77.0%	63.0%	14.0%	White	77.0%	65.5%	11.5%	
Other	4.3%	11.1%	-6.8%	Other	4.3%	4.1%	0.2%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	884	22.4%	27.6%	NW	114	22.8%	23.1%	
White	2,939	77.6%	72.4%	White	384	77.2%	76.9%	
Chi-Square ³ :		.011*	<i>sig.</i>	Chi-Square ³ :		.934	<i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.755*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.996	<i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	81.9%	6.8%	9.3%	2.0%	NW	2	N/A	
Hispanic	72.4%	9.4%	17.6%	0.6%	White	8	N/A	
White	84.3%	6.0%	8.2%	1.5%				
Other	92.0%	4.6%	2.9%	0.6%				
Chi-Square ³ :		.000* <i>sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FRANKLIN POLICE DEPARTMENT**

Total Stops: 178	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		45.5%	Stops per 1000 18+ residents:				6.9
	Passing through:		54.5%					
All stops				ITP¹ Stops N/A				
Mean age		38.8		Mean age		N/A		
Gender %				Gender %				
Female		33.3%		Female		N/A		
Male		65.5%		Male		N/A		
Non-binary		1.1%		Non-binary		N/A		
Race %				Race %				
AA/Black		5.3%		AA/Black		N/A		
Hispanic		6.5%		Hispanic		N/A		
White		82.8%		White		N/A		
Other		5.3%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	5.3%	0.9%	4.4%	AA/Black	5.3%	15.7%	-10.4%	
Hispanic	6.5%	1.6%	4.9%	Hispanic	6.5%	14.7%	-8.2%	
White	82.8%	89.2%	-6.4%	White	82.8%	65.5%	17.3%	
Other	5.3%	8.3%	-3.0%	Other	5.3%	4.1%	1.2%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	29	17.8%	18.5%	NW	N/A	N/A	N/A	
White	132	82.2%	81.5%	White	N/A	N/A	N/A	
Chi-Square ³ :		.906	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		1.085	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest	Search?			
AA/Black	44.4%	11.1%	33.3%	11.1%	NW	2	N/A	
Hispanic	27.3%	9.1%	63.6%	0.0%	White	1	N/A	
White	52.9%	20.0%	16.4%	10.7%				
Other	88.9%	0.0%	11.1%	0.0%				
Chi-Square ³ :		.013* <i>sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
FREETOWN POLICE DEPARTMENT**

Total Stops: 245	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		22.9%	Stops per 1000 18+ residents:				32.9
	Passing through:		77.1%					
All stops				ITP¹ Stops N/A				
Mean age		32.71		Mean age		N/A		
Gender %				Gender %				
Female		31.4%		Female		N/A		
Male		67.3%		Male		N/A		
Non-binary		1.2%		Non-binary		N/A		
Race %				Race %				
AA/Black		5.0%		AA/Black		N/A		
Hispanic		2.9%		Hispanic		N/A		
White		91.7%		White		N/A		
Other		0.4%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	5.0%	0.5%	4.5%	AA/Black	5.0%	15.7%	-10.7%	
Hispanic	2.9%	3.0%	-0.1%	Hispanic	2.9%	14.7%	-11.8%	
White	91.7%	93.1%	-1.4%	White	91.7%	65.5%	26.2%	
Other	0.4%	3.8%	-3.4%	Other	0.4%	4.1%	-3.7%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	20	10.4%	5.5%	NW	N/A	N/A	N/A	
White	198	89.6%	94.5%	White	N/A	N/A	N/A	
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest	Search?			
AA/Black	16.7%	41.7%	41.7%	0.0%	NW	0	N/A	
Hispanic	0.0%	28.6%	71.4%	0.0%	White	1	N/A	
White	35.9%	31.4%	29.5%	3.2%				
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-Square ³ :		.287 <i>not sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GARDNER POLICE DEPARTMENT**

Total Stops: 585	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		38.6%	Stops per 1000 18+ residents:			
	Passing through:		61.4%	35.2			
All stops				ITP¹ Stops (N = 250, 42.7% of stops)			
Mean age		36.61		Mean age		35.72	
Gender %				Gender %			
Female		40.0%		Female		36.4%	
Male		59.3%		Male		63.6%	
Non-binary		0.7%		Non-binary		0.0%	
Race %				Race %			
AA/Black		2.3%		AA/Black		1.2%	
Hispanic		9.7%		Hispanic		11.3%	
White		86.8%		White		86.3%	
Other		1.2%		Other		1.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.3%	2.8%	-0.5%	AA/Black	2.3%	15.7%	-13.4%
Hispanic	9.7%	9.3%	0.4%	Hispanic	9.7%	14.7%	-5.0%
White	86.8%	81.2%	5.6%	White	86.8%	65.5%	21.3%
Other	1.2%	7.5%	-6.3%	Other	1.2%	4.1%	-2.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	72	10.6%	21.8%	NW	30	11.3%	21.6%
White	454	89.4%	78.2%	White	189	88.7%	78.4%
Chi-Square ³ :		.001*	<i>sig.</i>	Chi-Square ³ :		.062	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.471*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.449	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	38.5%	7.7%	46.2%	7.7%	NW	0	N/A
Hispanic	28.6%	25.0%	30.4%	16.1%	White	1	N/A
White	49.6%	17.6%	24.0%	8.8%			
Other	14.3%	42.9%	42.9%	0.0%			
Chi-Square ³ :		.028*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GEORGETOWN POLICE DEPARTMENT**

Total Stops: 286	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 16.4%			Stops per 1000 18+ residents: 42.1			
	Passing through: 83.6%						
All stops				ITP¹ Stops N/A			
Mean age		36.23		Mean age		N/A	
Gender %				Gender %			
Female		41.1%		Female		N/A	
Male		58.6%		Male		N/A	
Non-binary		0.4%		Non-binary		N/A	
Race %				Race %			
AA/Black		5.4%		AA/Black		N/A	
Hispanic		10.0%		Hispanic		N/A	
White		82.1%		White		N/A	
Other		2.5%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.4%	0.8%	4.6%	AA/Black	5.4%	15.7%	-10.3%
Hispanic	10.0%	3.5%	6.5%	Hispanic	10.0%	14.7%	-4.7%
White	82.1%	93.2%	-11.1%	White	82.1%	65.5%	16.6%
Other	2.5%	2.8%	-0.3%	Other	2.5%	4.1%	-1.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	47	12.2%	26.5%	NW	N/A	N/A	N/A
White	219	87.8%	73.5%	White	N/A	N/A	N/A
Chi-Square ³ :		.003*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.401*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	86.7%	6.7%	6.7%	0.0%	NW	0	N/A
Hispanic	57.1%	25.0%	14.3%	3.6%	White	0	N/A
White	72.5%	15.7%	10.0%	1.7%			
Other	85.7%	0.0%	14.3%	0.0%			
Chi-Square ³ :		.686	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GLOUCESTER POLICE DEPARTMENT**

Total Stops: 410	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		56.3%	Stops per 1000 18+ residents:			
	Passing through:		43.7%	16.1			
All stops				ITP¹ Stops N/A			
Mean age		41.59		Mean age		N/A	
Gender %				Gender %			
Female		41.7%		Female		N/A	
Male		55.9%		Male		N/A	
Non-binary		2.4%		Non-binary		N/A	
Race %				Race %			
AA/Black		4.1%		AA/Black		N/A	
Hispanic		4.7%		Hispanic		N/A	
White		90.7%		White		N/A	
Other		0.5%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.1%	1.7%	2.4%	AA/Black	4.1%	15.7%	-11.6%
Hispanic	4.7%	2.4%	2.3%	Hispanic	4.7%	14.7%	-10.0%
White	90.7%	91.9%	-1.2%	White	90.7%	65.5%	25.2%
Other	0.5%	4.2%	-3.7%	Other	0.5%	4.1%	-3.6%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	10.7%	5.4%	NW	N/A	N/A	N/A
White	303	89.3%	94.6%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	60.0%	20.0%	20.0%	0.0%	NW	0	N/A
Hispanic	17.6%	17.6%	58.8%	5.9%	White	4	N/A
White	55.0%	15.7%	23.6%	5.7%			
Other	0.0%	50.0%	50.0%	0.0%		Counts	Percent
Chi-Square ³ :		.054 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GRAFTON POLICE DEPARTMENT**

Total Stops: 776	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 13.3%			Stops per 1000 18+ residents: 54.1			
	Passing through: 86.7%						
All stops				ITP¹ Stops (N = 267, 34.4% of stops)			
Mean age		39.64		Mean age		39.68	
Gender %				Gender %			
Female		40.8%		Female		39.6%	
Male		59.2%		Male		60.4%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.2%		AA/Black		6.4%	
Hispanic		4.8%		Hispanic		6.0%	
White		85.4%		White		82.7%	
Other		5.6%		Other		4.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.2%	3.1%	1.1%	AA/Black	4.2%	15.7%	-11.5%
Hispanic	4.8%	6.3%	-1.5%	Hispanic	4.8%	14.7%	-9.9%
White	85.4%	78.9%	6.5%	White	85.4%	65.5%	19.9%
Other	5.6%	11.7%	-6.1%	Other	5.6%	4.1%	1.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	105	12.6%	19.7%	NW	39	15.7%	18.8%
White	625	87.4%	80.3%	White	191	84.3%	81.3%
Chi-Square ³ :		.019*	<i>sig.</i>	Chi-Square ³ :		.540	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.596*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.981	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	87.5%	0.0%	3.1%	9.4%	NW	0	N/A
Hispanic	86.5%	0.0%	10.8%	2.7%	White	1	N/A
White	89.3%	4.6%	5.0%	1.1%			
Other	93.0%	4.7%	2.3%	0.0%			
Chi-Square ³ :		.008* <i>sig.</i>					

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GRANBY POLICE DEPARTMENT**

Total Stops: 493	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		9.9%	Stops per 1000 18+ residents:			
	Passing through:		90.1%	94.2			
All stops				ITP¹ Stops (N = 270, 54.8% of stops)			
Mean age		36.46		Mean age		37.05	
Gender %				Gender %			
Female		36.3%		Female		34.1%	
Male		63.3%		Male		65.6%	
Non-binary		0.4%		Non-binary		0.4%	
Race %				Race %			
AA/Black		7.7%		AA/Black		5.7%	
Hispanic		5.2%		Hispanic		4.9%	
White		85.5%		White		87.9%	
Other		1.7%		Other		1.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.7%	1.0%	6.7%	AA/Black	7.7%	15.7%	-8.0%
Hispanic	5.2%	3.9%	1.3%	Hispanic	5.2%	14.7%	-9.5%
White	85.5%	92.2%	-6.7%	White	85.5%	65.5%	20.0%
Other	1.7%	2.1%	-0.4%	Other	1.7%	4.1%	-2.4%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	65	10.3%	24.4%	NW	28	10.3%	14.8%
White	391	89.7%	75.6%	White	218	89.7%	85.2%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.339	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.378*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.330	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.7%	16.2%	8.1%	0.0%	NW	0	N/A
Hispanic	68.0%	16.0%	16.0%	0.0%	White	2	N/A
White	84.5%	8.0%	6.5%	1.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.324	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GRANVILLE POLICE DEPARTMENT**

Total Stops: 218	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 18.3%			Stops per 1000 18+ residents: N/A			
	Passing through: 81.7%						
All stops				ITP¹ (N = 133, 61% of stops)			
Mean age		37.94		Mean age		37.96	
Gender %				Gender %			
Female		36.2%		Female		33.1%	
Male		63.3%		Male		66.2%	
Non-binary		0.5%		Non-binary		0.8%	
Race %				Race %			
AA/Black		4.7%		AA/Black		4.7%	
Hispanic		4.3%		Hispanic		3.9%	
White		90.5%		White		91.5%	
Other		0.5%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.7%	N/A	N/A	AA/Black	4.7%	15.7%	-11.0%
Hispanic	4.3%	N/A	N/A	Hispanic	4.3%	14.7%	-10.4%
White	90.5%	N/A	N/A	White	90.5%	65.5%	25.0%
Other	0.5%	N/A	N/A	Other	0.5%	4.1%	-3.6%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	18	11.3%	2.3%	NW	10	10.8%	2.7%
White	177	88.7%	97.7%	White	110	89.2%	97.3%
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	30.0%	60.0%	10.0%	0.0%	NW	1	N/A
Hispanic	0.0%	55.6%	44.4%	0.0%	White	21	N/A
White	11.5%	68.6%	18.3%	1.6%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.485 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GREENFIELD POLICE DEPARTMENT**

Total Stops: 494	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		42.6%	Stops per 1000 18+ residents:			
	Passing through:		57.4%	34.7			
All stops				ITP¹ Stops (N = 171, 34.6% of stops)			
Mean age		37.98		Mean age		36.59	
Gender %				Gender %			
Female		36.7%		Female		36.8%	
Male		61.7%		Male		61.4%	
Non-binary		1.6%		Non-binary		1.8%	
Race %				Race %			
AA/Black		7.6%		AA/Black		8.9%	
Hispanic		4.3%		Hispanic		3.6%	
White		87.0%		White		86.9%	
Other		1.0%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.6%	2.3%	5.3%	AA/Black	7.6%	15.7%	-8.1%
Hispanic	4.3%	7.7%	-3.4%	Hispanic	4.3%	14.7%	-10.4%
White	87.0%	86.9%	0.1%	White	87.0%	65.5%	21.5%
Other	1.0%	3.9%	-2.9%	Other	1.0%	4.1%	-3.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	51	6.0%	19.7%	NW	16	8.9%	14.5%
White	380	94.0%	80.3%	White	129	91.1%	85.5%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.292	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.222*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.467	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	56.8%	2.7%	21.6%	18.9%	NW	2	N/A
Hispanic	33.3%	14.3%	23.8%	28.6%	White	18	N/A
White	67.2%	9.0%	11.6%	12.1%			
Other	60.0%	0.0%	0.0%	40.0%			
Chi-Square ³ :		.021* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GROTON POLICE DEPARTMENT**

Total Stops: 1,533	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		20.7%	Stops per 1000 18+ residents:			
	Passing through:		79.4%	176.5			
All stops				ITP¹ Stops (N = 682, 44.5% of stops)			
Mean age		40.3		Mean age		39.82	
Gender %				Gender %			
Female		38.9%		Female		34.1%	
Male		60.7%		Male		65.9%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		3.9%		AA/Black		3.1%	
Hispanic		3.5%		Hispanic		3.7%	
White		89.6%		White		90.6%	
Other		3.0%		Other		2.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.9%	0.2%	3.7%	AA/Black	3.9%	15.7%	-11.8%
Hispanic	3.5%	1.4%	2.1%	Hispanic	3.5%	14.7%	-11.2%
White	89.6%	91.0%	-1.4%	White	89.6%	65.5%	24.1%
Other	3.0%	7.5%	-4.5%	Other	3.0%	4.1%	-1.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	149	8.8%	15.0%	NW	57	9.7%	9.2%
White	1,262	91.2%	85.0%	White	543	90.3%	90.8%
Chi-Square ³ :		.001*	<i>sig.</i>	Chi-Square ³ :		.846	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.526*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.337	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	59.3%	22.0%	18.6%	0.0%	NW	0	N/A
Hispanic	55.8%	25.0%	15.4%	3.8%	White	0	N/A
White	82.9%	12.1%	4.1%	0.9%			
Other	84.4%	8.9%	6.7%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
GROVELAND POLICE DEPARTMENT**

Total Stops: 164	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 18.9%			Stops per 1000 18+ residents: 30			
	Passing through: 81.1%						
All stops				ITP¹ Stops N/A			
Mean age		33.35		Mean age		N/A	
Gender %				Gender %			
Female		27.6%		Female		N/A	
Male		69.3%		Male		N/A	
Non-binary		3.1%		Non-binary		N/A	
Race %				Race %			
AA/Black		0.7%		AA/Black		N/A	
Hispanic		12.9%		Hispanic		N/A	
White		85.7%		White		N/A	
Other		0.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	0.7%	0.0%	0.7%	AA/Black	0.7%	15.7%	-15.0%
Hispanic	12.9%	3.2%	9.7%	Hispanic	12.9%	14.7%	-1.8%
White	85.7%	95.9%	-10.2%	White	85.7%	65.5%	20.2%
Other	0.7%	1.3%	-0.6%	Other	0.7%	4.1%	-3.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	10.8%	23.1%	NW	N/A	N/A	N/A
White	114	89.2%	76.9%	White	N/A	N/A	N/A
Chi-Square ³ :		.056	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.521	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	1	N/A
Hispanic	26.3%	26.3%	42.1%	5.3%	White	2	N/A
White	24.6%	53.2%	17.5%	4.8%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.253	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HADLEY POLICE DEPARTMENT**

Total Stops: 913	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		6.9%	Stops per 1000 18+ residents:				203.7
	Passing through:		93.1%					
All stops				ITP¹ Stops (N = 344, 37.7% of stops)				
Mean age		34.48		Mean age		36.28		
Gender %				Gender %				
Female		35.4%		Female		35.8%		
Male		64.0%		Male		64.0%		
Non-binary		0.7%		Non-binary		0.3%		
Race %				Race %				
AA/Black		10.1%		AA/Black		7.4%		
Hispanic		5.0%		Hispanic		3.9%		
White		80.1%		White		85.2%		
Other		4.9%		Other		3.6%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	10.1%	7.9%	2.2%	AA/Black	10.1%	15.7%	-5.6%	
Hispanic	5.0%	2.3%	2.7%	Hispanic	5.0%	14.7%	-9.7%	
White	80.1%	84.6%	-4.5%	White	80.1%	65.5%	14.6%	
Other	4.9%	5.7%	-0.8%	Other	4.9%	4.1%	0.8%	
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	168	19.2%	21.9%	NW	47	20.6%	8.2%	
White	646	80.8%	78.1%	White	262	79.4%	91.8%	
Chi-Square ³ :		.328	<i>not sig.</i>	Chi-Square ³ :		.003*	<i>sig.</i>	
Odds ratio Exp(B) ⁴ :		.874	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		3.445*	<i>sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	53.9%	20.2%	24.7%	1.1%	NW	1	N/A	
Hispanic	56.8%	13.6%	27.3%	2.3%	White	6	N/A	
White	60.6%	21.9%	13.7%	3.8%				
Other	74.4%	16.3%	4.7%	4.7%				
Chi-Square ³ :		.019*	<i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HALIFAX POLICE DEPARTMENT**

Total Stops: 119	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 13.4%			Stops per 1000 18+ residents: 19.1			
	Passing through: 86.6%						
All stops				ITP¹ Stops N/A			
Mean age		35.86		Mean age		N/A	
Gender %				Gender %			
Female		40.3%		Female		N/A	
Male		58.8%		Male		N/A	
Non-binary		0.8%		Non-binary		N/A	
Race %				Race %			
AA/Black		5.1%		AA/Black		N/A	
Hispanic		0.8%		Hispanic		N/A	
White		92.4%		White		N/A	
Other		1.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.1%	2.3%	2.8%	AA/Black	5.1%	15.7%	-10.6%
Hispanic	0.8%	0.7%	0.1%	Hispanic	0.8%	14.7%	-13.9%
White	92.4%	96.2%	-3.8%	White	92.4%	65.5%	26.9%
Other	1.7%	0.9%	0.8%	Other	1.7%	4.1%	-2.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	9	10.6%	0.0%	NW	N/A	N/A	N/A
White	96	89.4%	100.0%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	16.7%	50.0%	16.7%	16.7%	NW	1	N/A
Hispanic	0.0%	100.0%	0.0%	0.0%	White	6	N/A
White	40.4%	29.4%	26.6%	3.7%			
Other	0.0%	100.0%	0.0%	0.0%			
Chi-Square ³ :		.307 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HAMILTON POLICE DEPARTMENT**

Total Stops: 185	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		1.1%	Stops per 1000 18+ residents:				31
	Passing through:		98.9%					
All stops				ITP¹ Stops N/A				
Mean age		39.85		Mean age		N/A		
Gender %				Gender %				
Female		38.4%		Female		N/A		
Male		61.1%		Male		N/A		
Non-binary		0.5%		Non-binary		N/A		
Race %				Race %				
AA/Black		2.2%		AA/Black		N/A		
Hispanic		4.4%		Hispanic		N/A		
White		91.7%		White		N/A		
Other		1.7%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	2.2%	0.3%	1.9%	AA/Black	2.2%	15.7%	-13.5%	
Hispanic	4.4%	1.5%	2.9%	Hispanic	4.4%	14.7%	-10.3%	
White	91.7%	91.0%	0.7%	White	91.7%	65.5%	26.2%	
Other	1.7%	7.3%	-5.6%	Other	1.7%	4.1%	-2.4%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	14	6.3%	17.2%	NW	N/A	N/A	N/A	
White	158	93.7%	82.8%	White	N/A	N/A	N/A	
Chi-Square ³ :		.049*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		.346	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	50.0%	0.0%	50.0%	0.0%	NW	0	N/A	
Hispanic	50.0%	0.0%	50.0%	0.0%	White	3	N/A	
White	79.4%	7.9%	11.5%	1.2%				
Other	66.7%	0.0%	33.3%	0.0%		Counts	Percent	
Chi-Square ³ :		.094		<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HAMPDEN POLICE DEPARTMENT**

Total Stops: 182	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.0%			Stops per 1000 18+ residents: 42.1			
	Passing through: 83.0%						
All stops				ITP¹ Stops N/A			
Mean age		33.4		Mean age		N/A	
Gender %				Gender %			
Female		39.6%		Female		N/A	
Male		59.3%		Male		N/A	
Non-binary		1.1%		Non-binary		N/A	
Race %				Race %			
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	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.5%	0.2%	4.3%	AA/Black	4.5%	15.7%	-11.2%
Hispanic	2.3%	3.7%	-1.4%	Hispanic	2.3%	14.7%	-12.4%
White	93.2%	93.9%	-0.7%	White	93.2%	65.5%	27.7%
Other	0.0%	5.5%	-5.5%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	11	5.7%	12.9%	NW	N/A	N/A	N/A
White	142	94.3%	87.1%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	25.0%	25.0%	0.0%	NW	1	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	9	N/A
White	68.9%	18.3%	11.6%	1.2%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.718 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HANOVER POLICE DEPARTMENT**

Total Stops: 365	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 21.7%			Stops per 1000 18+ residents: 33.9			
	Passing through: 78.3%						
All stops				ITP¹ Stops (N = 174, 47.7% of stops)			
Mean age		36.42		Mean age		36.21	
Gender %				Gender %			
Female		34.0%		Female		33.9%	
Male		65.5%		Male		66.1%	
Non-binary		0.5%		Non-binary		0.0%	
Race %				Race %			
AA/Black		7.2%		AA/Black		6.4%	
Hispanic		4.2%		Hispanic		4.1%	
White		87.7%		White		89.0%	
Other		0.8%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.2%	1.0%	6.2%	AA/Black	7.2%	15.7%	-8.5%
Hispanic	4.2%	0.6%	3.6%	Hispanic	4.2%	14.7%	-10.5%
White	87.7%	96.5%	-8.8%	White	87.7%	65.5%	22.2%
Other	0.8%	1.2%	-0.4%	Other	0.8%	4.1%	-3.3%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	41	9.7%	17.9%	NW	16	10.7%	11.1%
White	287	90.3%	82.1%	White	132	89.3%	88.9%
Chi-Square ³ :		.035*	<i>sig.</i>	Chi-Square ³ :		.938	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.512	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.821	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	23.1%	42.3%	30.8%	3.8%	NW	3	N/A
Hispanic	33.3%	40.0%	26.7%	0.0%	White	18	N/A
White	50.5%	36.5%	10.8%	2.2%			
Other	33.3%	66.7%	0.0%	0.0%			
Chi-Square ³ :		.058	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HANSON POLICE DEPARTMENT**

Total Stops: 162	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		23.5%	Stops per 1000 18+ residents:				18.4
	Passing through:		76.5%					
All stops				ITP¹ Stops N/A				
Mean age		39.42		Mean age		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 %				Race %				
AA/Black		9.4%		AA/Black		N/A		
Hispanic		0.6%		Hispanic		N/A		
White		89.4%		White		N/A		
Other		0.6%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	9.4%	0.3%	9.1%	AA/Black	9.4%	15.7%	-6.3%	
Hispanic	0.6%	0.9%	-0.3%	Hispanic	0.6%	14.7%	-14.1%	
White	89.4%	93.3%	-3.9%	White	89.4%	65.5%	23.9%	
Other	0.6%	4.8%	-4.2%	Other	0.6%	4.1%	-3.5%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	14	7.7%	15.7%	NW	N/A	N/A	N/A	
White	115	92.3%	84.3%	White	N/A	N/A	N/A	
Chi-Square ³ :		.154	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		.412	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	46.7%	20.0%	26.7%	6.7%	NW	0	N/A	
Hispanic	0.0%	0.0%	100.0%	0.0%	White	0	N/A	
White	60.1%	16.1%	18.9%	4.9%				
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent	
Chi-Square ³ :		.349	<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HARDWICK POLICE DEPARTMENT**

Total Stops: 186	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		19.9%	Stops per 1000 18+ residents:			
	Passing through:		80.1%	N/A			
All stops				ITP¹ Stops (N = 100, 53.7% of stops)			
Mean age		35.33		Mean age		35.4	
Gender %				Gender %			
Female		37.6%		Female		35.0%	
Male		62.4%		Male		65.0%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		3.8%		AA/Black		2.0%	
Hispanic		5.9%		Hispanic		3.0%	
White		88.2%		White		93.0%	
Other		2.2%		Other		2.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.8%	N/A	N/A	AA/Black	3.8%	15.7%	-11.9%
Hispanic	5.9%	N/A	N/A	Hispanic	5.9%	14.7%	-8.8%
White	88.2%	N/A	N/A	White	88.2%	65.5%	22.7%
Other	2.2%	N/A	N/A	Other	2.2%	4.1%	-1.9%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	8.3%	20.8%	NW	6	7.9%	0.0%
White	160	91.7%	79.2%	White	89	92.1%	100.0%
Chi-Square ³ :		.020*	<i>sig</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.403	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	28.6%	0.0%	71.4%	0.0%	NW	0	N/A
Hispanic	36.4%	9.1%	45.5%	9.1%	White	1	N/A
White	59.1%	13.4%	17.4%	10.4%			
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.008*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HARWICH POLICE DEPARTMENT**

Total Stops: 221	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist: 24.0%			Stops per 1000 18+ residents: 21.1					
	Passing through: 76.0%								
All stops				ITP¹ Stops N/A					
Mean age		38.28		Mean age		N/A			
Gender %				Gender %					
Female		31.7%		Female		N/A			
Male		67.9%		Male		N/A			
Non-binary		0.5%		Non-binary		N/A			
Race %				Race %					
AA/Black		10.2%		AA/Black		N/A			
Hispanic		0.5%		Hispanic		N/A			
White		88.8%		White		N/A			
Other		0.5%		Other		N/A			
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)									
Comparative Analyses									
Stops vs. City/Town Demographics				Stops vs. State Average²					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		10.2%	3.2%	7.0%	AA/Black		10.2%	15.7%	-5.5%
Hispanic		0.5%	2.2%	-1.7%	Hispanic		0.5%	14.7%	-14.2%
White		88.8%	81.8%	7.0%	White		88.8%	65.5%	23.3%
Other		0.5%	2.0%	-1.5%	Other		0.5%	4.1%	-3.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments									
VoD Analysis									
All stops				ITP stops					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		21	9.2%	13.4%	NW		N/A	N/A	N/A
White		176	90.8%	86.6%	White		N/A	N/A	N/A
Chi-Square ³ :			.365	<i>not sig.</i>	Chi-Square ³ :			N/A	<i>N/A</i>
Odds ratio Exp(B) ⁴ :			.639	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :			N/A	<i>N/A</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone									
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.									
Stop Outcomes by Race									
		Warning	Civil	Criminal	Arrest	Search?			
AA/Black		50.0%	13.6%	27.3%	9.1%	NW	0	N/A	
Hispanic		0.0%	0.0%	100.0%	0.0%	White	2	N/A	
White		55.5%	14.7%	22.5%	7.3%				
Other		0.0%	0.0%	100.0%	0.0%		Counts	Percent	
Chi-Square ³ :			.649	<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HAVERHILL POLICE DEPARTMENT**

Total Stops: 3,214	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		58.0%	Stops per 1000 18+ residents:			
	Passing through:		42.0%	65.3			
All stops				ITP¹ Stops (N = 1,162, 36.2% of stops)			
Mean age		37.66		Mean age		36.47	
Gender %				Gender %			
Female		37.2%		Female		38.0%	
Male		62.3%		Male		61.3%	
Non-binary		0.5%		Non-binary		0.7%	
Race %				Race %			
AA/Black		6.0%		AA/Black		5.6%	
Hispanic		17.5%		Hispanic		16.0%	
White		75.5%		White		77.3%	
Other		1.0%		Other		1.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.0%	3.6%	2.4%	AA/Black	6.0%	15.7%	-9.7%
Hispanic	17.5%	23.2%	-5.7%	Hispanic	17.5%	14.7%	2.8%
White	75.5%	69.7%	5.8%	White	75.5%	65.5%	10.0%
Other	1.0%	6.2%	-5.2%	Other	1.0%	4.1%	-3.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	712	22.7%	28.2%	NW	230	19.7%	26.4%
White	2,200	77.3%	71.8%	White	797	80.3%	73.6%
Chi-Square ³ :		.001*	sig.	Chi-Square ³ :		.011*	sig.
Odds ratio Exp(B) ⁴ :		.747*	sig.	Odds ratio Exp(B) ⁴ :		.637*	sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.5%	10.5%	25.3%	4.7%	NW	7	N/A
Hispanic	56.3%	15.8%	25.5%	2.4%	White	16	N/A
White	63.6%	20.4%	13.6%	2.3%			
Other	62.5%	28.1%	3.1%	6.3%			
Chi-Square ³ :		.000* sig.				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HINGHAM POLICE DEPARTMENT**

Total Stops: 1,985	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 25.4%			Stops per 1000 18+ residents: 108.8			
	Passing through: 74.6%						
All stops				ITP¹ Stops (N = 766, 38.9% of stops)			
Mean age		41.27		Mean age		40.68	
Gender %				Gender %			
Female		45.2%		Female		45.8%	
Male		54.7%		Male		54.2%	
Non-binary		0.2%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.7%		AA/Black		4.1%	
Hispanic		2.2%		Hispanic		2.2%	
White		90.2%		White		90.5%	
Other		2.9%		Other		3.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.7%	0.5%	4.2%	AA/Black	4.7%	15.7%	-11.0%
Hispanic	2.2%	1.1%	1.1%	Hispanic	2.2%	14.7%	-12.5%
White	90.2%	95.2%	-5.0%	White	90.2%	65.5%	24.7%
Other	2.9%	3.3%	-0.4%	Other	2.9%	4.1%	-1.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	180	8.2%	14.7%	NW	63	8.4%	11.6%
White	1,675	91.8%	85.3%	White	608	91.6%	88.4%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.191	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.508*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.700	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	75.0%	15.2%	4.3%	5.4%	NW	0	N/A
Hispanic	69.8%	14.0%	11.6%	4.7%	White	2	N/A
White	86.8%	8.7%	2.9%	1.5%			
Other	89.3%	7.1%	3.6%	0.0%			
Chi-Square ³ :		.001*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLBROOK POLICE DEPARTMENT**

Total Stops: 294	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		20.7%	Stops per 1000 18+ residents:			
	Passing through:		79.3%	32.5			
All stops				ITP¹ Stops (N = 187, 63.6% of stops)			
Mean age		39.88		Mean age		40.51	
Gender %				Gender %			
Female		33.7%		Female		35.8%	
Male		66.3%		Male		64.2%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		24.6%		AA/Black		23.9%	
Hispanic		8.8%		Hispanic		8.9%	
White		62.0%		White		62.8%	
Other		4.6%		Other		4.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	24.6%	16.8%	7.8%	AA/Black	24.6%	15.7%	8.9%
Hispanic	8.8%	6.6%	2.2%	Hispanic	8.8%	14.7%	-5.9%
White	62.0%	72.1%	-10.1%	White	62.0%	65.5%	-3.5%
Other	4.6%	7.0%	-2.4%	Other	4.6%	4.1%	0.5%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	99	38.4%	41.9%	NW	59	37.8%	44.4%
White	156	61.6%	58.1%	White	94	62.2%	55.6%
Chi-Square ³ :		.704 <i>not sig.</i>		Chi-Square ³ :		.585 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.873 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.851 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	68.6%	10.0%	18.6%	2.9%	NW	1	N/A
Hispanic	68.0%	4.0%	28.0%	0.0%	White	1	N/A
White	76.1%	5.7%	17.6%	0.6%			
Other	92.3%	7.7%	0.0%	0.0%			
Chi-Square ³ :		.392 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLDEN POLICE DEPARTMENT**

Total Stops: 1,077	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 20.8%			Stops per 1000 18+ residents: 72.9			
	Passing through: 79.2%						
All stops				ITP¹ Stops (N = 337, 31.3% of stops)			
Mean age		37.66		Mean age		38.87	
Gender %				Gender %			
Female		40.0%		Female		37.8%	
Male		59.5%		Male		61.6%	
Non-binary		0.5%		Non-binary		0.6%	
Race %				Race %			
AA/Black		4.7%		AA/Black		4.7%	
Hispanic		4.6%		Hispanic		4.3%	
White		89.7%		White		90.0%	
Other		0.9%		Other		1.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	4.7%	0.9%	3.8%	AA/Black	4.7%	15.7%	-11.0%
Hispanic	4.6%	4.3%	0.3%	Hispanic	4.6%	14.7%	-10.1%
White	89.7%	91.5%	-1.8%	White	89.7%	65.5%	24.2%
Other	0.9%	3.8%	-2.9%	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	89	6.5%	15.7%	NW	27	7.3%	12.3%
White	810	93.5%	84.3%	White	237	92.7%	87.7%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.181	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.393*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.296	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.4%	10.9%	6.5%	2.2%	NW	1	N/A
Hispanic	75.6%	13.3%	8.9%	2.2%	White	3	N/A
White	79.4%	16.1%	3.4%	1.0%			
Other	55.6%	33.3%	11.1%	0.0%			
Chi-Square ³ :		.362		<i>not sig.</i>			

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLLISTON POLICE DEPARTMENT**

Total Stops: 1,353	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		20.4%	Stops per 1000 18+ residents:			
	Passing through:		79.6%	121.6			
All stops				ITP¹ Stops (N = 546, 40.4% of stops)			
Mean age		39.6		Mean age		38.71	
Gender %				Gender %			
Female		35.5%		Female		32.5%	
Male		61.1%		Male		63.3%	
Non-binary		3.3%		Non-binary		4.2%	
Race %				Race %			
AA/Black		5.8%		AA/Black		6.4%	
Hispanic		11.0%		Hispanic		14.7%	
White		81.4%		White		77.0%	
Other		1.9%		Other		1.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.8%	1.2%	4.6%	AA/Black	5.8%	15.7%	-9.9%
Hispanic	11.0%	3.9%	7.1%	Hispanic	11.0%	14.7%	-3.7%
White	81.4%	87.4%	-6.0%	White	81.4%	65.5%	15.9%
Other	1.9%	7.8%	-5.9%	Other	1.9%	4.1%	-2.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	231	15.2%	24.9%	NW	107	21.9%	24.5%
White	1,023	84.8%	75.1%	White	357	78.1%	75.5%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.501	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.610*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.978	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	76.6%	10.4%	10.4%	2.6%	NW	7	N/A
Hispanic	54.4%	5.4%	36.1%	4.1%	White	23	N/A
White	82.4%	7.0%	7.9%	2.7%			
Other	76.0%	12.0%	8.0%	4.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOLYOKE POLICE DEPARTMENT**

Total Stops: 735	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		39.2%	Stops per 1000 18+ residents:			
	Passing through:		60.8%	24			
All stops				ITP¹ Stops (N = 230, 31.3% of stops)			
Mean age		37.37		Mean age		39.05	
Gender %				Gender %			
Female		39.6%		Female		42.2%	
Male		60.0%		Male		57.8%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.9%		AA/Black		4.8%	
Hispanic		10.6%		Hispanic		14.5%	
White		84.1%		White		79.7%	
Other		0.4%		Other		0.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.9%	4.5%	0.4%	AA/Black	4.9%	15.7%	-10.8%
Hispanic	10.6%	53.9%	-43.3%	Hispanic	10.6%	14.7%	-4.1%
White	84.1%	41.3%	42.8%	White	84.1%	65.5%	18.6%
Other	0.4%	3.7%	-3.3%	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	102	15.2%	23.4%	NW	45	19.3%	33.3%
White	510	84.8%	76.6%	White	171	80.7%	66.7%
Chi-Square ³ :		.035*	<i>sig.</i>	Chi-Square ³ :		.110	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.585	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.749	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	42.9%	5.7%	28.6%	22.9%	NW	3	N/A
Hispanic	60.5%	7.9%	11.8%	19.7%	White	10	N/A
White	61.9%	8.8%	15.7%	13.6%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.209				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOPEDALE POLICE DEPARTMENT**

Total Stops: 345	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		8.1%	Stops per 1000 18+ residents:				76.6
	Passing through:		91.9%					
All stops				ITP¹ Stops (N = 116, 33.6% of stops)				
Mean age		35.4		Mean age		36		
Gender %				Gender %				
Female		35.8%		Female		33.6%		
Male		63.0%		Male		64.7%		
Non-binary		1.2%		Non-binary		1.7%		
Race %				Race %				
AA/Black		3.6%		AA/Black		2.6%		
Hispanic		12.5%		Hispanic		21.6%		
White		81.3%		White		72.4%		
Other		2.7%		Other		3.4%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	3.6%	0.3%	3.3%	AA/Black	3.6%	15.7%	-12.1%	
Hispanic	12.5%	1.0%	11.5%	Hispanic	12.5%	14.7%	-2.2%	
White	81.3%	96.1%	-14.8%	White	81.3%	65.5%	15.8%	
Other	2.7%	2.7%	0.0%	Other	2.7%	4.1%	-1.4%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	61	16.2%	28.8%	NW	30	26.1%	35.0%	
White	264	83.8%	71.2%	White	78	73.9%	65.0%	
Chi-Square ³ :		.020*	<i>sig.</i>	Chi-Square ³ :		.424	<i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.627	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.263	<i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	50.0%	8.3%	41.7%	0.0%	NW	0	N/A	
Hispanic	4.8%	9.5%	78.6%	7.1%	White	3	N/A	
White	53.8%	16.8%	24.9%	4.4%				
Other	66.7%	11.1%	22.2%	0.0%				
Chi-Square ³ :		.000* <i>sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HOPKINTON POLICE DEPARTMENT**

Total Stops: 655	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 27.7%			Stops per 1000 18+ residents: 48.2			
	Passing through: 72.3%						
All stops				ITP¹ Stops (N = 199, 30.4% of stops)			
Mean age		36.15		Mean age		36.71	
Gender %				Gender %			
Female		34.3%		Female		29.1%	
Male		65.1%		Male		69.8%	
Non-binary		0.6%		Non-binary		1.0%	
Race %				Race %			
AA/Black		5.6%		AA/Black		4.1%	
Hispanic		18.3%		Hispanic		21.0%	
White		68.8%		White		65.6%	
Other		7.3%		Other		9.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.6%	1.9%	3.7%	AA/Black	5.6%	15.7%	-10.1%
Hispanic	18.3%	3.2%	15.1%	Hispanic	18.3%	14.7%	3.6%
White	68.8%	81.6%	-12.8%	White	68.8%	65.5%	3.3%
Other	7.3%	13.3%	-6.0%	Other	7.3%	4.1%	3.2%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	188	29.4%	37.2%	NW	59	35.4%	33.8%
White	403	70.6%	62.8%	White	111	64.6%	66.2%
Chi-Square ³ :		.062	<i>not sig.</i>	Chi-Square ³ :		.825	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.794	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.462	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	80.6%	2.8%	16.7%	0.0%	NW	1	N/A
Hispanic	41.0%	11.1%	45.3%	2.6%	White	0	N/A
White	72.8%	13.4%	11.3%	2.5%			
Other	85.1%	12.8%	2.1%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HUBBARDSTON POLICE DEPARTMENT**

Total Stops: 209	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 19.2%			Stops per 1000 18+ residents: N/A			
	Passing through: 80.8%						
All stops				ITP¹ Stops (N = 100, 47.8% of stops)			
Mean age		35.9		Mean age		35.76	
Gender %				Gender %			
Female		33.5%		Female		32.0%	
Male		66.5%		Male		68.0%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		5.8%		AA/Black		7.0%	
Hispanic		4.3%		Hispanic		6.0%	
White		88.9%		White		85.0%	
Other		1.0%		Other		2.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.8%	N/A	N/A	AA/Black	5.8%	15.7%	-9.9%
Hispanic	4.3%	N/A	N/A	Hispanic	4.3%	14.7%	-10.4%
White	88.9%	N/A	N/A	White	88.9%	65.5%	23.4%
Other	1.0%	N/A	N/A	Other	1.0%	4.1%	-3.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	9.8%	11.9%	NW	13	16.2%	6.7%
White	166	90.2%	88.1%	White	76	83.8%	93.3%
Chi-Square ³ :		.691	<i>not sig</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.596	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	25.0%	41.7%	25.0%	8.3%	NW	0	N/A
Hispanic	22.2%	22.2%	55.6%	0.0%	White	5	N/A
White	48.4%	23.9%	25.5%	2.2%			
Other	0.0%	50.0%	50.0%	0.0%			
Chi-Square ³ :		.298	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HUDSON POLICE DEPARTMENT**

Total Stops: 287	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 42.2%			Stops per 1000 18+ residents: 17.9			
	Passing through: 57.8%						
All stops				ITP¹ Stops (N = 177, 61.7% of stops)			
Mean age		37.22		Mean age		37.02	
Gender %				Gender %			
Female		30.9%		Female		29.1%	
Male		68.8%		Male		70.3%	
Non-binary		0.4%		Non-binary		0.6%	
Race %				Race %			
AA/Black		4.7%		AA/Black		5.3%	
Hispanic		10.8%		Hispanic		12.4%	
White		83.8%		White		82.4%	
Other		0.7%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	4.7%	1.2%	3.5%	AA/Black	4.7%	15.7%	-11.0%
Hispanic	10.8%	5.8%	5.0%	Hispanic	10.8%	14.7%	-3.9%
White	83.8%	89.2%	-5.4%	White	83.8%	65.5%	18.3%
Other	0.7%	3.5%	-2.8%	Other	0.7%	4.1%	-3.4%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	40	15.2%	16.2%	NW	25	15.9%	17.7%
White	215	84.8%	83.8%	White	123	84.1%	82.3%
Chi-Square ³ :		.823	<i>not sig.</i>	Chi-Square ³ :		.773	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.974	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.248	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.2%	15.4%	15.4%	0.0%	NW	1	N/A
Hispanic	36.7%	16.7%	33.3%	13.3%	White	7	N/A
White	70.0%	8.6%	18.5%	3.0%			
Other	50.0%	50.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
HULL POLICE DEPARTMENT**

Total Stops: 463	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		30.7%	Stops per 1000 18+ residents:			
	Passing through:		69.3%	50.8			
All stops				ITP¹ Stops (N = 183, 39.5% of stops)			
Mean age		41.08		Mean age		40.14	
Gender %				Gender %			
Female		34.9%		Female		34.4%	
Male		64.6%		Male		65.6%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		6.8%		AA/Black		6.3%	
Hispanic		2.3%		Hispanic		4.6%	
White		90.0%		White		88.6%	
Other		0.9%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.8%	0.5%	6.3%	AA/Black	6.8%	15.7%	-8.9%
Hispanic	2.3%	1.7%	0.6%	Hispanic	2.3%	14.7%	-12.4%
White	90.0%	94.6%	-4.6%	White	90.0%	65.5%	24.5%
Other	0.9%	3.1%	-2.2%	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	38	6.0%	15.0%	NW	15	9.8%	10.3%
White	356	94.0%	85.0%	White	135	90.2%	89.7%
Chi-Square ³ :		.003*	<i>sig.</i>	Chi-Square ³ :		.911	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.240*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.478	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	26.7%	50.0%	23.3%	0.0%	NW	0	N/A
Hispanic	30.0%	40.0%	30.0%	0.0%	White	5	N/A
White	63.2%	17.9%	15.6%	3.3%			
Other	75.0%	25.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
IPSWICH POLICE DEPARTMENT**

Total Stops: 382	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		40.4%	Stops per 1000 18+ residents:			
	Passing through:		59.6%	34.2			
All stops				ITP¹ Stops N/A			
Mean age		41.64		Mean age		N/A	
Gender %				Gender %			
Female		37.5%		Female		N/A	
Male		61.9%		Male		N/A	
Non-binary		0.5%		Non-binary		N/A	
Race %				Race %			
AA/Black		1.1%		AA/Black		N/A	
Hispanic		7.5%		Hispanic		N/A	
White		89.8%		White		N/A	
Other		1.6%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	1.1%	2.2%	-1.1%	AA/Black	1.1%	15.7%	-14.6%
Hispanic	7.5%	4.2%	3.3%	Hispanic	7.5%	14.7%	-7.2%
White	89.8%	92.0%	-2.2%	White	89.8%	65.5%	24.3%
Other	1.6%	2.0%	-0.4%	Other	1.6%	4.1%	-2.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	7.8%	18.8%	NW	N/A	N/A	N/A
White	323	92.2%	81.3%	White	N/A	N/A	N/A
Chi-Square ³ :		.015*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.403*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	0.0%	25.0%	75.0%	0.0%	NW	0	N/A
Hispanic	42.9%	14.3%	39.3%	3.6%	White	2	N/A
White	67.6%	21.1%	8.6%	2.7%			
Other	50.0%	50.0%	0.0%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LAKEVILLE POLICE DEPARTMENT**

Total Stops: 394	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.0%			Stops per 1000 18+ residents: 43.1			
	Passing through: 83.0%						
All stops				ITP¹ Stops (N = 128, 32.5% of stops)			
Mean age		34.04		Mean age		32.35	
Gender %				Gender %			
Female		26.4%		Female		31.3%	
Male		73.1%		Male		68.8%	
Non-binary		0.5%		Non-binary		0.0%	
Race %				Race %			
AA/Black		7.6%		AA/Black		7.1%	
Hispanic		10.2%		Hispanic		9.5%	
White		81.1%		White		83.3%	
Other		1.0%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.6%	2.0%	5.6%	AA/Black	7.6%	15.7%	-8.1%
Hispanic	10.2%	2.8%	7.4%	Hispanic	10.2%	14.7%	-4.5%
White	81.1%	92.4%	-11.3%	White	81.1%	65.5%	15.6%
Other	1.0%	3.0%	-2.0%	Other	1.0%	4.1%	-3.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	18.9%	20.5%	NW	20	16.0%	17.9%
White	286	81.1%	79.5%	White	100	84.0%	82.1%
Chi-Square ³ :		.722 <i>not sig.</i>		Chi-Square ³ :		.794 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.856 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.734 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	20.7%	37.9%	37.9%	3.4%	NW	0	N/A
Hispanic	12.8%	15.4%	69.2%	2.6%	White	0	N/A
White	27.2%	28.5%	37.9%	6.5%			
Other	0.0%	25.0%	25.0%	50.0%		Counts	Percent
Chi-Square ³ :		.001* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LANCASTER POLICE DEPARTMENT**

Total Stops: 261	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		8.1%	Stops per 1000 18+ residents:				39.9
	Passing through:		91.9%					
All stops				ITP¹ Stops N/A				
Mean age		35.57		Mean age		N/A		
Gender %				Gender %				
Female		30.9%		Female		N/A		
Male		68.8%		Male		N/A		
Non-binary		0.4%		Non-binary		N/A		
Race %				Race %				
AA/Black		6.3%		AA/Black		N/A		
Hispanic		15.0%		Hispanic		N/A		
White		75.5%		White		N/A		
Other		3.2%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	6.3%	7.4%	-1.1%	AA/Black	6.3%	15.7%	-9.4%	
Hispanic	15.0%	7.3%	7.7%	Hispanic	15.0%	14.7%	0.3%	
White	75.5%	81.4%	-5.9%	White	75.5%	65.5%	10.0%	
Other	3.2%	4.8%	-1.6%	Other	3.2%	4.1%	-0.9%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	61	20.9%	35.3%	NW	N/A	N/A	N/A	
White	184	79.1%	64.7%	White	N/A	N/A	N/A	
Chi-Square ³ :		.020*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		.519*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	50.0%	31.3%	12.5%	6.3%	NW	0	N/A	
Hispanic	23.7%	26.3%	44.7%	5.3%	White	0	N/A	
White	51.3%	29.8%	17.3%	1.6%				
Other	75.0%	25.0%	0.0%	0.0%		Counts	Percent	
Chi-Square ³ :		.005*	<i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LAWRENCE POLICE DEPARTMENT**

Total Stops: 4,249	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		62.8%	Stops per 1000 18+ residents:			
	Passing through:		37.2%	72			
All stops				ITP¹ Stops (N = 752, 17.7% of stops)			
Mean age		38.29		Mean age		35.56	
Gender %				Gender %			
Female		34.3%		Female		29.3%	
Male		62.8%		Male		68.8%	
Non-binary		2.9%		Non-binary		1.9%	
Race %				Race %			
AA/Black		5.3%		AA/Black		3.7%	
Hispanic		72.9%		Hispanic		76.7%	
White		20.6%		White		17.9%	
Other		1.1%		Other		1.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.3%	5.7%	-0.4%	AA/Black	5.3%	15.7%	-10.4%
Hispanic	72.9%	80.6%	-7.7%	Hispanic	72.9%	14.7%	58.2%
White	20.6%	14.8%	5.8%	White	20.6%	65.5%	-44.9%
Other	1.1%	5.1%	-4.0%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,935	79.1%	84.1%	NW	500	82.8%	81.2%
White	743	20.9%	15.9%	White	109	17.2%	18.8%
Chi-Square ³ :		.008*	sig.	Chi-Square ³ :		.613	not sig.
Odds ratio Exp(B) ⁴ :		.736*	sig.	Odds ratio Exp(B) ⁴ :		1.369	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.4%	14.7%	8.1%	1.9%	NW	27	N/A
Hispanic	78.4%	13.0%	7.4%	1.1%	White	9	N/A
White	74.1%	11.5%	11.3%	3.1%			
Other	64.4%	26.7%	8.9%	0.0%			
Chi-Square ³ :		.000* sig.				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEICESTER POLICE DEPARTMENT**

Total Stops: 477	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 13.8%			Stops per 1000 18+ residents: 51.4			
	Passing through: 86.2%						
All stops				ITP¹ Stops (N = 181, 37.9% of stops)			
Mean age		37.04		Mean age		39.4	
Gender %				Gender %			
Female		34.9%		Female		35.6%	
Male		64.6%		Male		64.4%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		6.7%		AA/Black		3.9%	
Hispanic		14.5%		Hispanic		13.8%	
White		76.2%		White		80.1%	
Other		2.5%		Other		2.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.7%	3.2%	3.5%	AA/Black	6.7%	15.7%	-9.0%
Hispanic	14.5%	3.8%	10.7%	Hispanic	14.5%	14.7%	-0.2%
White	76.2%	91.0%	-14.8%	White	76.2%	65.5%	10.7%
Other	2.5%	2.5%	0.0%	Other	2.5%	4.1%	-1.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	111	20.1%	36.4%	NW	34	16.4%	34.2%
White	344	79.9%	63.6%	White	132	83.6%	65.8%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.017*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.441*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.394*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.4%	9.4%	21.9%	9.4%	NW	2	N/A
Hispanic	40.6%	23.2%	33.3%	2.9%	White	9	N/A
White	67.1%	19.3%	9.4%	4.1%			
Other	50.0%	41.7%	0.0%	8.3%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LENOX POLICE DEPARTMENT**

Total Stops: 309	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 7.4%			Stops per 1000 18+ residents: N/A			
	Passing through: 92.6%						
All stops				ITP¹ Stops N/A			
Mean age		38.81		Mean age		N/A	
Gender %				Gender %			
Female		36.2%		Female		N/A	
Male		63.4%		Male		N/A	
Non-binary		0.3%		Non-binary		N/A	
Race %				Race %			
AA/Black		13.4%		AA/Black		N/A	
Hispanic		0.7%		Hispanic		N/A	
White		85.3%		White		N/A	
Other		0.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	13.4%	N/A	N/A	AA/Black	13.4%	15.7%	-2.3%
Hispanic	0.7%	N/A	N/A	Hispanic	0.7%	14.7%	-14.0%
White	85.3%	N/A	N/A	White	85.3%	65.5%	19.8%
Other	0.7%	N/A	N/A	Other	0.7%	4.1%	-3.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	11.2%	25.0%	NW	N/A	N/A	N/A
White	229	88.8%	75.0%	White	N/A	N/A	N/A
Chi-Square ³ :		.010*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.326*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	20.0%	27.5%	2.5%	NW	0	N/A
Hispanic	50.0%	0.0%	50.0%	0.0%	White	0	N/A
White	67.5%	16.1%	15.3%	1.2%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEOMINSTER POLICE DEPARTMENT**

Total Stops: 2,283	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 45.4%			Stops per 1000 18+ residents: 69.9			
	Passing through: 54.6%						
All stops				ITP¹ Stops (N = 258, 11.3% of stops)			
Mean age		42.53		Mean age		38.66	
Gender %				Gender %			
Female		45.5%		Female		37.0%	
Male		54.2%		Male		62.6%	
Non-binary		0.3%		Non-binary		0.4%	
Race %				Race %			
AA/Black		7.0%		AA/Black		6.3%	
Hispanic		16.5%		Hispanic		21.5%	
White		73.8%		White		70.7%	
Other		2.7%		Other		1.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.0%	6.7%	0.3%	AA/Black	7.0%	15.7%	-8.7%
Hispanic	16.5%	18.4%	-1.9%	Hispanic	16.5%	14.7%	1.8%
White	73.8%	69.3%	4.5%	White	73.8%	65.5%	8.3%
Other	2.7%	6.8%	-4.1%	Other	2.7%	4.1%	-1.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	579	24.9%	41.0%	NW	70	29.5%	32.9%
White	1,617	75.1%	59.0%	White	158	70.5%	67.1%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.598	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.494*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.726	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.5%	22.9%	10.2%	6.4%	NW	3	N/A
Hispanic	58.1%	19.6%	18.8%	3.5%	White	1	N/A
White	70.4%	21.8%	5.7%	2.1%			
Other	63.3%	21.7%	10.0%	5.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEVERETT POLICE DEPARTMENT**

Total Stops: 316	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 12.0%			Stops per 1000 18+ residents: N/A			
	Passing through: 88.0%						
All stops				ITP¹ Stops N/A			
Mean age		40.37		Mean age		N/A	
Gender %				Gender %			
Female		39.6%		Female		N/A	
Male		59.2%		Male		N/A	
Non-binary		1.3%		Non-binary		N/A	
Race %				Race %			
AA/Black		4.2%		AA/Black		N/A	
Hispanic		1.6%		Hispanic		N/A	
White		93.1%		White		N/A	
Other		1.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.2%	N/A	N/A	AA/Black	4.2%	15.7%	-11.5%
Hispanic	1.6%	N/A	N/A	Hispanic	1.6%	14.7%	-13.1%
White	93.1%	N/A	N/A	White	93.1%	65.5%	27.6%
Other	1.0%	N/A	N/A	Other	1.0%	4.1%	-3.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	20	7.4%	2.4%	NW	N/A	N/A	N/A
White	277	92.6%	97.6%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.2%	15.4%	15.4%	0.0%	NW	2	N/A
Hispanic	20.0%	20.0%	40.0%	20.0%	White	2	N/A
White	73.7%	18.9%	6.7%	0.7%			
Other	33.3%	0.0%	66.7%	0.0%			
Chi-Square ³ :		.000*		<i>sig.</i>		Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LEXINGTON POLICE DEPARTMENT**

Total Stops: 800	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 27.4%			Stops per 1000 18+ residents: 33.1			
	Passing through: 72.6%						
All stops				ITP¹ Stops (N = 234, 29.3% of stops)			
Mean age		44.03		Mean age		44.86	
Gender %				Gender %			
Female		42.4%		Female		38.9%	
Male		56.8%		Male		60.7%	
Non-binary		0.9%		Non-binary		0.4%	
Race %				Race %			
AA/Black		7.4%		AA/Black		6.2%	
Hispanic		8.2%		Hispanic		9.7%	
White		68.0%		White		65.2%	
Other		16.4%		Other		18.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.4%	1.3%	6.1%	AA/Black	7.4%	15.7%	-8.3%
Hispanic	8.2%	2.1%	6.1%	Hispanic	8.2%	14.7%	-6.5%
White	68.0%	62.7%	5.3%	White	68.0%	65.5%	2.5%
Other	16.4%	34.0%	-17.6%	Other	16.4%	4.1%	12.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	232	30.7%	36.0%	NW	72	32.3%	46.3%
White	509	69.3%	64.0%	White	133	67.7%	53.7%
Chi-Square ³ :		.314	<i>not sig.</i>	Chi-Square ³ :		.092	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.800	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.625	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	34.5%	39.7%	22.4%	3.4%	NW	3	N/A
Hispanic	35.9%	32.8%	31.3%	0.0%	White	1	N/A
White	56.7%	36.3%	6.6%	0.4%			
Other	60.2%	34.4%	5.5%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LINCOLN POLICE DEPARTMENT**

Total Stops: 640	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		8.0%	Stops per 1000 18+ residents:				N/A
	Passing through:		92.0%					
All stops				ITP¹ Stops (N = 276, 47.1% of stops)				
Mean age		40.49		Mean age		40.62		
Gender %				Gender %				
Female		31.0%		Female		33.8%		
Male		68.9%		Male		66.2%		
Non-binary		0.2%		Non-binary		0.0%		
Race %				Race %				
AA/Black		10.8%		AA/Black		7.6%		
Hispanic		13.3%		Hispanic		11.3%		
White		68.2%		White		73.1%		
Other		7.7%		Other		8.0%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	10.8%	N/A	N/A	AA/Black	10.8%	15.7%	-4.9%	
Hispanic	13.3%	N/A	N/A	Hispanic	13.3%	14.7%	-1.4%	
White	68.2%	N/A	N/A	White	68.2%	65.5%	2.7%	
Other	7.7%	N/A	N/A	Other	7.7%	4.1%	3.6%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	194	24.3%	39.2%	NW	65	29.8%	23.0%	
White	412	75.7%	60.8%	White	179	70.2%	77.0%	
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.233	<i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.488*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.654	<i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	62.3%	27.5%	8.7%	1.4%	NW	0	N/A	
Hispanic	45.9%	18.8%	35.3%	0.0%	White	0	N/A	
White	75.2%	19.8%	3.0%	2.1%				
Other	79.6%	12.2%	6.1%	2.0%				
Chi-Square ³ :		.000*	<i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LITTLETON POLICE DEPARTMENT**

Total Stops: 400	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 14.2%			Stops per 1000 18+ residents: 50.9			
	Passing through: 85.8%						
All stops				ITP¹ Stops (N = 195, 48.8% of stops)			
Mean age		37.71		Mean age		36.65	
Gender %				Gender %			
Female		32.8%		Female		29.7%	
Male		66.5%		Male		69.7%	
Non-binary		0.8%		Non-binary		0.5%	
Race %				Race %			
AA/Black		6.1%		AA/Black		3.6%	
Hispanic		13.3%		Hispanic		14.1%	
White		74.2%		White		75.0%	
Other		6.4%		Other		7.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.1%	0.6%	5.5%	AA/Black	6.1%	15.7%	-9.6%
Hispanic	13.3%	1.3%	12.0%	Hispanic	13.3%	14.7%	-1.4%
White	74.2%	89.0%	-14.8%	White	74.2%	65.5%	8.7%
Other	6.4%	8.8%	-2.4%	Other	6.4%	4.1%	2.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	94	29.6%	20.4%	NW	43	28.7%	17.4%
White	274	70.4%	79.6%	White	134	71.3%	82.6%
Chi-Square ³ :		.044*	<i>sig.</i>	Chi-Square ³ :		.087	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.322	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.937	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.5%	8.3%	20.8%	8.3%	NW	0	N/A
Hispanic	44.2%	5.8%	46.2%	3.8%	White	1	N/A
White	72.5%	12.4%	9.6%	5.5%			
Other	72.0%	24.0%	4.0%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LONGMEADOW POLICE DEPARTMENT**

Total Stops: 435	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		29.0%	Stops per 1000 18+ residents:			
	Passing through:		71.0%	36.3			
All stops				ITP¹ Stops (N = 181, 41.6% of stops)			
Mean age		39.01		Mean age		37.69	
Gender %				Gender %			
Female		41.8%		Female		42.0%	
Male		57.2%		Male		57.5%	
Non-binary		0.9%		Non-binary		0.6%	
Race %				Race %			
AA/Black		10.8%		AA/Black		11.1%	
Hispanic		4.2%		Hispanic		5.0%	
White		81.3%		White		80.6%	
Other		3.7%		Other		3.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	10.8%	0.9%	9.9%	AA/Black	10.8%	15.7%	-4.9%
Hispanic	4.2%	6.8%	-2.6%	Hispanic	4.2%	14.7%	-10.5%
White	81.3%	84.4%	-3.1%	White	81.3%	65.5%	15.8%
Other	3.7%	8.5%	-4.8%	Other	3.7%	4.1%	-0.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	68	15.4%	21.8%	NW	27	18.4%	16.0%
White	313	84.6%	78.2%	White	126	81.6%	84.0%
Chi-Square ³ :		.113	<i>not sig.</i>	Chi-Square ³ :		.710	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.550*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.195	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.9%	17.4%	8.7%	0.0%	NW	0	N/A
Hispanic	88.9%	11.1%	0.0%	0.0%	White	0	N/A
White	81.0%	12.1%	6.3%	0.6%			
Other	75.0%	18.8%	6.3%	0.0%			
Chi-Square ³ :		.921	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LOWELL POLICE DEPARTMENT**

Total Stops: 8,260	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		49.1%	Stops per 1000 18+ residents:				94.4
	Passing through:		50.9%					
All stops				ITP¹ Stops (N = 2866, 34.7% of stops)				
Mean age		36.19		Mean age		34.67		
Gender %				Gender %				
Female		35.8%		Female		33.5%		
Male		63.3%		Male		65.6%		
Non-binary		0.9%		Non-binary		0.8%		
Race %				Race %				
AA/Black		12.5%		AA/Black		11.8%		
Hispanic		25.3%		Hispanic		26.3%		
White		50.2%		White		50.8%		
Other		11.9%		Other		11.1%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif	
AA/Black	12.5%	8.0%	4.5%	AA/Black	12.5%	15.7%	-3.2%	
Hispanic	25.3%	18.1%	7.2%	Hispanic	25.3%	14.7%	10.6%	
White	50.2%	48.7%	1.5%	White	50.2%	65.5%	-15.3%	
Other	11.9%	26.4%	-14.5%	Other	11.9%	4.1%	7.8%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	3,829	47.7%	59.9%	NW	1,270	46.9%	54.5%	
White	3,869	52.3%	40.1%	White	1,344	53.1%	45.5%	
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.001*	<i>sig.</i>	
Odds ratio Exp(B) ⁴ :		.629*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.695*	<i>sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	29.1%	60.2%	9.0%	1.7%	NW	21	N/A	
Hispanic	24.6%	59.3%	13.6%	2.6%	White	6	N/A	
White	24.3%	69.0%	5.8%	0.9%				
Other	28.8%	64.2%	5.6%	1.5%				
Chi-Square ³ :		.000* <i>sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LUDLOW POLICE DEPARTMENT**

Total Stops: 700	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		40.0%	Stops per 1000 18+ residents:				40.7
	Passing through:		60.0%					
All stops				ITP¹ Stops (N = 330, 47.1% of stops)				
Mean age		37.95		Mean age		38.21		
Gender %				Gender %				
Female		36.7%		Female		36.4%		
Male		62.4%		Male		63.6%		
Non-binary		0.9%		Non-binary		0.0%		
Race %				Race %				
AA/Black		7.3%		AA/Black		5.2%		
Hispanic		6.7%		Hispanic		7.7%		
White		84.1%		White		84.9%		
Other		1.9%		Other		2.2%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	7.3%	1.4%	5.9%	AA/Black	7.3%	15.7%	-8.4%	
Hispanic	6.7%	8.6%	-1.9%	Hispanic	6.7%	14.7%	-8.0%	
White	84.1%	87.3%	-3.2%	White	84.1%	65.5%	18.6%	
Other	1.9%	3.8%	-1.9%	Other	1.9%	4.1%	-2.2%	
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	91	15.8%	16.1%	NW	44	17.2%	12.8%	
White	480	84.2%	83.9%	White	239	82.8%	87.2%	
Chi-Square ³ :		.905	<i>not sig.</i>	Chi-Square ³ :		.320	<i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		1.243	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		3.074*	<i>sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ 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.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	56.0%	10.0%	32.0%	2.0%	NW	0	N/A	
Hispanic	41.3%	21.7%	30.4%	6.5%	White	0	N/A	
White	68.7%	11.5%	15.3%	4.5%				
Other	69.2%	7.7%	15.4%	7.7%				
Chi-Square ³ :		.006* <i>sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LUNENBURG POLICE DEPARTMENT**

Total Stops: 711	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		23.1%	Stops per 1000 18+ residents:			
	Passing through:		76.9%	78.7			
All stops				ITP¹ Stops (N = 164, 23.1% of stops)			
Mean age		34.78		Mean age		33.94	
Gender %				Gender %			
Female		34.5%		Female		33.5%	
Male		65.3%		Male		66.5%	
Non-binary		0.3%		Non-binary		0.0%	
Race %				Race %			
AA/Black		7.8%		AA/Black		4.5%	
Hispanic		16.6%		Hispanic		16.9%	
White		74.3%		White		76.0%	
Other		1.3%		Other		2.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.8%	1.7%	6.1%	AA/Black	7.8%	15.7%	-7.9%
Hispanic	16.6%	5.9%	10.7%	Hispanic	16.6%	14.7%	1.9%
White	74.3%	88.4%	-14.1%	White	74.3%	65.5%	8.8%
Other	1.3%	4.0%	-2.7%	Other	1.3%	4.1%	-2.8%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	166	18.7%	36.5%	NW	32	19.0%	28.3%
White	474	81.3%	63.5%	White	107	81.0%	71.7%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.195	not sig.
Odds ratio Exp(B) ⁴ :		.406*	sig.	Odds ratio Exp(B) ⁴ :		.671	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	52.8%	18.9%	22.6%	5.7%	NW	1	N/A
Hispanic	54.0%	10.6%	31.0%	4.4%	White	12	N/A
White	70.0%	12.3%	14.2%	3.6%			
Other	44.4%	44.4%	11.1%	0.0%			
Chi-Square ³ :		.000* sig.				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LYNN POLICE DEPARTMENT**

Total Stops: 3,362	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		56.8%	Stops per 1000 18+ residents:			
	Passing through:		43.2%	47.2			
All stops				ITP¹ Stops (N = 914, 27.2% of stops)			
Mean age		37.14		Mean age		35.27	
Gender %				Gender %			
Female		35.6%		Female		31.4%	
Male		63.0%		Male		66.6%	
Non-binary		1.5%		Non-binary		2.0%	
Race %				Race %			
AA/Black		14.2%		AA/Black		13.2%	
Hispanic		35.5%		Hispanic		42.7%	
White		46.7%		White		40.0%	
Other		3.5%		Other		4.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	14.2%	13.7%	0.5%	AA/Black	14.2%	15.7%	-1.5%
Hispanic	35.5%	42.8%	-7.3%	Hispanic	35.5%	14.7%	20.8%
White	46.7%	35.9%	10.8%	White	46.7%	65.5%	-18.8%
Other	3.5%	14.4%	-10.9%	Other	3.5%	4.1%	-0.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,535	51.2%	62.3%	NW	457	57.9%	67.3%
White	1,341	48.8%	37.7%	White	300	42.1%	32.7%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.019*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.628*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.564*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.5%	17.6%	15.8%	3.2%	NW	23	N/A
Hispanic	50.4%	18.0%	25.8%	5.8%	White	10	N/A
White	66.2%	19.0%	12.2%	2.7%			
Other	72.7%	19.1%	5.5%	2.7%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
LYNNFIELD POLICE DEPARTMENT**

Total Stops: 108	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 7.4%			Stops per 1000 18+ residents: 11			
	Passing through: 92.6%						
All stops				ITP¹ Stops N/A			
Mean age		37.28		Mean age		N/A	
Gender %				Gender %			
Female		35.2%		Female		N/A	
Male		63.0%		Male		N/A	
Non-binary		1.9%		Non-binary		N/A	
Race %				Race %			
AA/Black		11.7%		AA/Black		N/A	
Hispanic		34.0%		Hispanic		N/A	
White		53.4%		White		N/A	
Other		1.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.7%	1.2%	10.5%	AA/Black	11.7%	15.7%	-4.0%
Hispanic	34.0%	2.4%	31.6%	Hispanic	34.0%	14.7%	19.3%
White	53.4%	90.7%	-37.3%	White	53.4%	65.5%	-12.1%
Other	1.0%	6.3%	-5.3%	Other	1.0%	4.1%	-3.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	44.9%	44.4%	NW	N/A	N/A	N/A
White	53	55.1%	55.6%	White	N/A	N/A	N/A
Chi-Square ³ :		.974	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.529	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	91.7%	0.0%	0.0%	8.3%	NW	0	N/A
Hispanic	68.6%	11.4%	14.3%	5.7%	White	3	N/A
White	61.8%	12.7%	18.2%	7.3%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.175	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MALDEN POLICE DEPARTMENT**

Total Stops: 349	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 32.8%			Stops per 1000 18+ residents: 7.2			
	Passing through: 67.2%						
All stops				ITP¹ Stops N/A			
Mean age		36.3		Mean age		N/A	
Gender %				Gender %			
Female		20.0%		Female		N/A	
Male		74.2%		Male		N/A	
Non-binary		5.8%		Non-binary		N/A	
Race %				Race %			
AA/Black		26.4%		AA/Black		N/A	
Hispanic		7.2%		Hispanic		N/A	
White		57.0%		White		N/A	
Other		9.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	26.4%	18.5%	7.9%	AA/Black	26.4%	15.7%	10.7%
Hispanic	7.2%	8.5%	-1.3%	Hispanic	7.2%	14.7%	-7.5%
White	57.0%	47.0%	10.0%	White	57.0%	65.5%	-8.5%
Other	9.4%	25.7%	-16.3%	Other	9.4%	4.1%	5.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	119	43.5%	46.7%	NW	N/A	N/A	N/A
White	150	56.5%	53.3%	White	N/A	N/A	N/A
Chi-Square ³ :		.667 <i>not sig.</i>		Chi-Square ³ :		N/A N/A	
Odds ratio Exp(B) ⁴ :		.870 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		N/A N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	27.2%	48.1%	17.3%	7.4%	NW	5	N/A
Hispanic	13.6%	27.3%	50.0%	9.1%	White	6	N/A
White	37.7%	28.0%	30.3%	4.0%			
Other	37.9%	48.3%	13.8%	0.0%			
Chi-Square ³ :		.002* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MANCHESTER POLICE DEPARTMENT**

Total Stops: 264	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 26.2%			Stops per 1000 18+ residents: 62.8			
	Passing through: 73.8%						
All stops				ITP¹ Stops N/A			
Mean age		39.15		Mean age		N/A	
Gender %				Gender %			
Female		37.5%		Female		N/A	
Male		61.4%		Male		N/A	
Non-binary		1.1%		Non-binary		N/A	
Race %				Race %			
AA/Black		2.0%		AA/Black		N/A	
Hispanic		4.4%		Hispanic		N/A	
White		89.2%		White		N/A	
Other		4.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.0%	0.0%	2.0%	AA/Black	2.0%	15.7%	-13.7%
Hispanic	4.4%	1.5%	2.9%	Hispanic	4.4%	14.7%	-10.3%
White	89.2%	97.1%	-7.9%	White	89.2%	65.5%	23.7%
Other	4.4%	1.3%	3.1%	Other	4.4%	4.1%	0.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	27	10.6%	13.3%	NW	N/A	N/A	N/A
White	208	89.4%	86.7%	White	N/A	N/A	N/A
Chi-Square ³ :		.544	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.862	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0	N/A
Hispanic	72.7%	18.2%	9.1%	0.0%	White	1	N/A
White	83.4%	7.6%	6.3%	2.7%			
Other	63.6%	36.4%	0.0%	0.0%			
Chi-Square ³ :		.139	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MANSFIELD POLICE DEPARTMENT**

Total Stops: 1,397	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 31.9%			Stops per 1000 18+ residents: 73.7			
	Passing through: 68.1%						
All stops				ITP¹ Stops (N = 547, 39.2% of stops)			
Mean age		39.52		Mean age		38.57	
Gender %				Gender %			
Female		39.3%		Female		39.0%	
Male		60.5%		Male		61.0%	
Non-binary		0.2%		Non-binary		0.0%	
Race %				Race %			
AA/Black		8.8%		AA/Black		9.2%	
Hispanic		4.3%		Hispanic		4.4%	
White		81.6%		White		80.6%	
Other		5.2%		Other		5.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.8%	2.3%	6.5%	AA/Black	8.8%	15.7%	-6.9%
Hispanic	4.3%	4.1%	0.2%	Hispanic	4.3%	14.7%	-10.4%
White	81.6%	86.4%	-4.8%	White	81.6%	65.5%	16.1%
Other	5.2%	7.5%	-2.3%	Other	5.2%	4.1%	1.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	230	16.9%	21.5%	NW	85	18.1%	17.6%
White	1,058	83.1%	78.5%	White	389	81.9%	82.4%
Chi-Square ³ :		.079*	<i>sig.</i>	Chi-Square ³ :		.889	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.707*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.751	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	85.0%	2.5%	10.8%	1.7%	NW	1	N/A
Hispanic	66.1%	5.1%	18.6%	10.2%	White	4	N/A
White	87.1%	5.0%	6.2%	1.7%			
Other	95.8%	2.8%	0.0%	1.4%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARBLEHEAD POLICE DEPARTMENT**

Total Stops: 103	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		47.6%	Stops per 1000 18+ residents:				6.5
	Passing through:		52.4%					
All stops				ITP¹ Stops N/A				
Mean age		34.08		Mean age		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 %				Race %				
AA/Black		4.0%		AA/Black		N/A		
Hispanic		8.9%		Hispanic		N/A		
White		85.1%		White		N/A		
Other		2.0%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	4.0%	1.6%	2.4%	AA/Black	4.0%	15.7%	-11.7%	
Hispanic	8.9%	5.0%	3.9%	Hispanic	8.9%	14.7%	-5.8%	
White	85.1%	91.1%	-6.0%	White	85.1%	65.5%	19.6%	
Other	2.0%	2.3%	-0.3%	Other	2.0%	4.1%	-2.1%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	13	12.5%	19.4%	NW	N/A	N/A	N/A	
White	71	87.5%	80.6%	White	N/A	N/A	N/A	
Chi-Square ³ :		.384	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		.686	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	25.0%	0.0%	75.0%	0.0%	NW	1	N/A	
Hispanic	11.1%	11.1%	77.8%	0.0%	White	2	N/A	
White	33.7%	27.9%	36.0%	2.3%				
Other	50.0%	50.0%	0.0%	0.0%				
Chi-Square ³ :		.366	<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARION POLICE DEPARTMENT**

Total Stops: 103	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 19.4%			Stops per 1000 18+ residents: 25.5			
	Passing through: 80.6%						
All stops				ITP¹ Stops N/A			
Mean age		34.62		Mean age		N/A	
Gender %				Gender %			
Female		41.7%		Female		N/A	
Male		54.4%		Male		N/A	
Non-binary		3.9%		Non-binary		N/A	
Race %				Race %			
AA/Black		11.8%		AA/Black		N/A	
Hispanic		1.1%		Hispanic		N/A	
White		84.9%		White		N/A	
Other		2.2%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.8%	1.4%	2.8%	AA/Black	11.8%	15.7%	-3.9%
Hispanic	1.1%	4.4%	-2.8%	Hispanic	1.1%	14.7%	-13.6%
White	84.9%	84.7%	8.4%	White	84.9%	65.5%	19.4%
Other	2.2%	5.3%	-4.3%	Other	2.2%	4.1%	-1.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	13	16.9%	9.1%	NW	N/A	N/A	N/A
White	69	83.1%	90.9%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	72.7%	0.0%	27.3%	0.0%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	1	N/A
White	51.9%	12.7%	27.8%	7.6%			
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent
Chi-Square ³ :		.446 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARLBOROUGH POLICE DEPARTMENT**

Total Stops: 1,340	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 48.2%			Stops per 1000 18+ residents: 42.6			
	Passing through: 51.8%						
All stops				ITP¹ Stops (N = 483, 36% of stops)			
Mean age		37.4		Mean age		38.02	
Gender %				Gender %			
Female		30.4%		Female		27.3%	
Male		68.3%		Male		70.6%	
Non-binary		1.2%		Non-binary		2.1%	
Race %				Race %			
AA/Black		7.6%		AA/Black		6.4%	
Hispanic		14.0%		Hispanic		13.8%	
White		74.8%		White		75.6%	
Other		3.6%		Other		4.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.6%	3.8%	3.8%	AA/Black	7.6%	15.7%	-8.1%
Hispanic	14.0%	15.1%	-1.1%	Hispanic	14.0%	14.7%	-0.7%
White	74.8%	69.2%	5.6%	White	74.8%	65.5%	9.3%
Other	3.6%	9.8%	-6.2%	Other	3.6%	4.1%	-0.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	309	24.1%	27.6%	NW	104	26.9%	20.9%
White	906	75.9%	72.4%	White	315	73.1%	79.1%
Chi-Square ³ :		.167 <i>not sig.</i>		Chi-Square ³ :		.175 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.820 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.150 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	56.0%	19.0%	22.0%	3.0%	NW	2	N/A
Hispanic	41.0%	19.1%	31.7%	8.2%	White	5	N/A
White	46.7%	24.9%	22.2%	6.1%			
Other	78.7%	14.9%	6.4%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MARSHFIELD POLICE DEPARTMENT**

Total Stops: 162	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		48.1%	Stops per 1000 18+ residents:			
	Passing through:		51.9%	6.2			
All stops				ITP¹ Stops (N = 61, 37.7% of stops)			
Mean age		38.6		Mean age		N/A	
Gender %				Gender %			
Female		16.7%		Female		N/A	
Male		83.3%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		7.1%		AA/Black		N/A	
Hispanic		2.6%		Hispanic		N/A	
White		90.3%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.1%	0.6%	6.5%	AA/Black	7.1%	15.7%	-8.6%
Hispanic	2.6%	2.1%	0.5%	Hispanic	2.6%	14.7%	-12.1%
White	90.3%	96.3%	-6.0%	White	90.3%	65.5%	24.8%
Other	0.0%	1.6%	-1.6%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	15	12.3%	10.9%	NW	N/A	N/A	N/A
White	114	87.7%	89.1%	White	N/A	N/A	N/A
Chi-Square ³ :		.808	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.992	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	9.0%	27.3%	36.4%	27.3%	NW	0	N/A
Hispanic	0.0%	25.0%	25.0%	50.0%	White	3	N/A
White	12.9%	25.7%	45.7%	15.7%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.614	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASHPEE POLICE DEPARTMENT**

Total Stops: 356	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 27.8%			Stops per 1000 18+ residents: 29.7			
	Passing through: 72.2%						
All stops				ITP¹ Stops N/A			
Mean age		37.9		Mean age		N/A	
Gender %				Gender %			
Female		27.7%		Female		N/A	
Male		71.5%		Male		N/A	
Non-binary		0.8%		Non-binary		N/A	
Race %				Race %			
AA/Black		7.8%		AA/Black		N/A	
Hispanic		5.8%		Hispanic		N/A	
White		85.6%		White		N/A	
Other		0.9%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.8%	3.2%	4.6%	AA/Black	7.8%	15.7%	-7.9%
Hispanic	5.8%	0.6%	5.2%	Hispanic	5.8%	14.7%	-8.9%
White	85.6%	85.7%	-0.1%	White	85.6%	65.5%	20.1%
Other	0.9%	9.6%	-8.7%	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	45	13.8%	16.0%	NW	N/A	N/A	N/A
White	267	86.2%	84.0%	White	N/A	N/A	N/A
Chi-Square ³ :		.612	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.825	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	14.8%	74.1%	11.1%	NW	1	N/A
Hispanic	15.0%	10.0%	70.0%	5.0%	White	5	N/A
White	17.8%	18.2%	53.9%	10.1%			
Other	0.0%	33.3%	66.7%	0.0%			
Chi-Square ³ :		.348	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MATTAPoisETT POLICE DEPARTMENT**

Total Stops: 734	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		22.2%	Stops per 1000 18+ residents:			
	Passing through:		77.8%	134.4			
All stops				ITP¹ Stops (N = 358, 48.8% of stops)			
Mean age		36.2		Mean age		35.6	
Gender %				Gender %			
Female		44.0%		Female		44.4%	
Male		55.5%		Male		55.6%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		5.7%		AA/Black		4.0%	
Hispanic		2.9%		Hispanic		2.0%	
White		90.5%		White		92.6%	
Other		0.8%		Other		1.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.7%	0.0%	5.7%	AA/Black	5.7%	15.7%	-10.0%
Hispanic	2.9%	2.4%	0.5%	Hispanic	2.9%	14.7%	-11.8%
White	90.5%	95.2%	-4.7%	White	90.5%	65.5%	25.0%
Other	0.8%	1.5%	-0.7%	Other	0.8%	4.1%	-3.3%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	8.2%	12.8%	NW	25	8.3%	7.2%
White	612	91.8%	87.2%	White	292	91.7%	92.8%
Chi-Square ³ :		.056 <i>not sig.</i>		Chi-Square ³ :		.742 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.602 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.175 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	58.5%	0.0%	14.6%	26.8%	NW	4	N/A
Hispanic	42.9%	14.3%	33.3%	9.5%	White	1	N/A
White	80.3%	6.5%	9.6%	3.7%			
Other	33.3%	0.0%	33.3%	33.3%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MAYNARD POLICE DEPARTMENT**

Total Stops: 461	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 22.8%			Stops per 1000 18+ residents: 51.9			
	Passing through: 77.2%						
All stops				ITP¹ Stops (N = 156, 33.8% of stops)			
Mean age		37.3		Mean age		38.5	
Gender %				Gender %			
Female		37.3%		Female		36.5%	
Male		61.2%		Male		62.8%	
Non-binary		1.5%		Non-binary		0.6%	
Race %				Race %			
AA/Black		6.9%		AA/Black		6.5%	
Hispanic		1.3%		Hispanic		1.9%	
White		89.4%		White		89.6%	
Other		2.4%		Other		1.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.9%	1.3%	5.6%	AA/Black	6.9%	15.7%	-8.8%
Hispanic	1.3%	3.4%	-2.1%	Hispanic	1.3%	14.7%	-13.4%
White	89.4%	91.9%	-2.5%	White	89.4%	65.5%	23.9%
Other	2.4%	3.4%	-1.0%	Other	2.4%	4.1%	-1.7%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	42	10.9%	9.9%	NW	16	12.9%	9.6%
White	355	89.1%	90.1%	White	127	87.1%	90.4%
Chi-Square ³ :		.755 <i>not sig.</i>		Chi-Square ³ :		.535 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		1.279 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.485 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	51.6%	16.1%	29.0%	3.2%	NW	0	N/A
Hispanic	50.0%	0.0%	50.0%	0.0%	White	0	N/A
White	61.5%	19.4%	14.4%	4.7%			
Other	63.6%	27.3%	9.1%	0.0%			
Chi-Square ³ :		.217 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MEDFIELD POLICE DEPARTMENT**

Total Stops: 128	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 21.1%			Stops per 1000 18+ residents: 14.1			
	Passing through: 78.9%						
All stops				ITP¹ Stops N/A			
Mean age		40.95		Mean age		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 %				Race %			
AA/Black		7.7%		AA/Black		N/A	
Hispanic		2.6%		Hispanic		N/A	
White		88.0%		White		N/A	
Other		1.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.7%	0.9%	6.8%	AA/Black	7.7%	15.7%	-8.0%
Hispanic	2.6%	2.0%	0.6%	Hispanic	2.6%	14.7%	-12.1%
White	88.0%	91.1%	-3.1%	White	88.0%	65.5%	22.5%
Other	1.7%	6.1%	-4.4%	Other	1.7%	4.1%	-2.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	11	8.5%	15.8%	NW	N/A	N/A	N/A
White	86	91.5%	84.2%	White	N/A	N/A	N/A
Chi-Square ³ :		.267	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.343	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	33.3%	11.1%	55.6%	0.0%	NW	0	N/A
Hispanic	33.3%	33.3%	33.3%	0.0%	White	0	N/A
White	84.5%	8.7%	5.8%	1.0%			
Other	50.0%	50.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MEDFORD POLICE DEPARTMENT**

Total Stops: 434	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 35.8%			Stops per 1000 18+ residents: 8.9			
	Passing through: 64.2%						
All stops				ITP¹ Stops (N = 148, 34.1% of stops)			
Mean age		39.9		Mean age		39.9	
Gender %				Gender %			
Female		33.6%		Female		28.4%	
Male		65.4%		Male		70.9%	
Non-binary		0.9%		Non-binary		0.7%	
Race %				Race %			
AA/Black		11.0%		AA/Black		12.1%	
Hispanic		4.9%		Hispanic		7.8%	
White		81.1%		White		79.4%	
Other		2.9%		Other		0.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.0%	9.2%	1.8%	AA/Black	11.0%	15.7%	-4.7%
Hispanic	4.9%	0.5%	4.4%	Hispanic	4.9%	14.7%	-9.8%
White	81.1%	71.1%	10.0%	White	81.1%	65.5%	15.6%
Other	2.9%	14.3%	-11.4%	Other	2.9%	4.1%	-1.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	17.2%	25.9%	NW	24	17.9%	25.5%
White	268	82.8%	74.1%	White	87	82.1%	74.5%
Chi-Square ³ :		.061 <i>not sig.</i>		Chi-Square ³ :		.331 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.591 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.604 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.0%	6.7%	31.1%	2.2%	NW	1	N/A
Hispanic	45.0%	15.0%	20.0%	20.0%	White	2	N/A
White	68.3%	16.0%	14.2%	1.5%			
Other	83.3%	16.7%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MEDWAY POLICE DEPARTMENT**

Total Stops: 939	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 28.1%			Stops per 1000 18+ residents: 92.4			
	Passing through: 71.9%						
All stops				ITP¹ Stops (N = 219, 23.3% of stops)			
Mean age		41.33		Mean age		39.56	
Gender %				Gender %			
Female		42.6%		Female		41.0%	
Male		57.0%		Male		57.6%	
Non-binary		0.4%		Non-binary		1.4%	
Race %				Race %			
AA/Black		3.1%		AA/Black		1.4%	
Hispanic		4.8%		Hispanic		6.4%	
White		90.8%		White		91.3%	
Other		1.3%		Other		0.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.1%	2.8%	0.3%	AA/Black	3.1%	15.7%	-12.6%
Hispanic	4.8%	2.6%	2.2%	Hispanic	4.8%	14.7%	-9.9%
White	90.8%	90.0%	0.8%	White	90.8%	65.5%	25.3%
Other	1.3%	6.1%	-4.8%	Other	1.3%	4.1%	-2.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	85	8.3%	16.1%	NW	18	4.5%	18.5%
White	830	91.7%	83.9%	White	181	95.5%	81.5%
Chi-Square ³ :		.008*	<i>sig.</i>	Chi-Square ³ :		.001*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.486*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.236*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	89.7%	0.0%	10.3%	0.0%	NW	0	N/A
Hispanic	53.3%	4.4%	35.6%	6.7%	White	0	N/A
White	89.5%	5.3%	4.9%	0.2%			
Other	75.0%	16.7%	8.3%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MENDON POLICE DEPARTMENT**

Total Stops: 236	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		5.1%	Stops per 1000 18+ residents:				49.8
	Passing through:		94.9%					
All stops				ITP¹ Stops N/A				
Mean age		37.24		Mean age		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 %				Race %				
AA/Black		5.6%		AA/Black		N/A		
Hispanic		13.0%		Hispanic		N/A		
White		80.5%		White		N/A		
Other		0.9%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	5.6%	0.1%	2.8%	AA/Black	5.6%	15.7%	-10.1%	
Hispanic	13.0%	2.3%	-2.8%	Hispanic	13.0%	14.7%	-1.7%	
White	80.5%	92.3%	8.4%	White	80.5%	65.5%	15.0%	
Other	0.9%	5.3%	-4.3%	Other	0.9%	4.1%	-3.2%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	45	22.5%	9.5%	NW	N/A	N/A	N/A	
White	179	77.5%	90.5%	White	N/A	N/A	N/A	
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	23.1%	30.8%	46.2%	0.0%	NW	0	N/A	
Hispanic	23.3%	13.3%	63.3%	0.0%	White	1	N/A	
White	24.2%	43.0%	28.0%	4.8%				
Other	50.0%	50.0%	0.0%	0.0%				
Chi-Square ³ :		.018* <i>sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
METHUEN POLICE DEPARTMENT**

Total Stops: 962	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		31.5%	Stops per 1000 18+ residents:			
	Passing through:		68.5%	24			
All stops				ITP¹ Stops (N = 364, 37.8% of stops)			
Mean age		36.39		Mean age		35.54	
Gender %				Gender %			
Female		33.5%		Female		25.7%	
Male		66.0%		Male		74.3%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.2%		AA/Black		3.5%	
Hispanic		48.1%		Hispanic		47.3%	
White		46.7%		White		48.1%	
Other		1.1%		Other		1.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.2%	4.3%	-0.1%	AA/Black	4.2%	15.7%	-11.5%
Hispanic	48.1%	29.5%	18.6%	Hispanic	48.1%	14.7%	33.4%
White	46.7%	60.9%	-14.2%	White	46.7%	65.5%	-18.8%
Other	1.1%	8.3%	-7.2%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	399	54.8%	52.3%	NW	131	55.0%	53.3%
White	340	45.2%	47.7%	White	111	45.0%	46.7%
Chi-Square ³ :		.539	<i>not sig.</i>	Chi-Square ³ :		.788	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.095	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.978	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.8%	9.1%	12.1%	0.0%	NW	0	N/A
Hispanic	64.4%	20.9%	11.8%	2.9%	White	0	N/A
White	72.5%	14.6%	10.8%	2.2%			
Other	88.9%	0.0%	11.1%	0.0%		Counts	Percent
Chi-Square ³ :		.220	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MIDDLEBOROUGH POLICE DEPARTMENT**

Total Stops: 335	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 33.1%			Stops per 1000 18+ residents: 16.3			
	Passing through: 66.9%						
All stops				ITP¹ Stops (N = 110, 32.8% of stops)			
Mean age		35.14		Mean age		36.03	
Gender %				Gender %			
Female		27.2%		Female		20.9%	
Male		71.3%		Male		77.3%	
Non-binary		1.5%		Non-binary		1.8%	
Race %				Race %			
AA/Black		9.8%		AA/Black		9.5%	
Hispanic		0.6%		Hispanic		1.0%	
White		89.5%		White		89.5%	
Other		0.0%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.8%	2.1%	2.8%	AA/Black	9.8%	15.7%	-5.9%
Hispanic	0.6%	3.0%	-2.8%	Hispanic	0.6%	14.7%	-14.1%
White	89.5%	92.2%	8.4%	White	89.5%	65.5%	24.0%
Other	0.0%	2.0%	-4.3%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	32	7.1%	15.5%	NW	10	12.9%	6.3%
White	265	92.9%	84.5%	White	84	87.1%	93.8%
Chi-Square ³ :		.021*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.504	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	28.1%	34.4%	28.1%	9.4%	NW	0	N/A
Hispanic	0.0%	0.0%	50.0%	50.0%	White	13	N/A
White	28.2%	21.6%	38.8%	11.3%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.344	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MIDDLETON POLICE DEPARTMENT**

Total Stops: 123	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 16.3%			Stops per 1000 18+ residents: 15			
	Passing through: 83.7%						
All stops				ITP¹ Stops N/A			
Mean age		35.94		Mean age		N/A	
Gender %				Gender %			
Female		24.4%		Female		N/A	
Male		73.2%		Male		N/A	
Non-binary		2.4%		Non-binary		N/A	
Race %				Race %			
AA/Black		1.7%		AA/Black		N/A	
Hispanic		21.8%		Hispanic		N/A	
White		74.8%		White		N/A	
Other		1.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	1.7%	1.5%	0.2%	AA/Black	1.7%	15.7%	-14.0%
Hispanic	21.8%	6.2%	15.6%	Hispanic	21.8%	14.7%	7.1%
White	74.8%	90.3%	-15.5%	White	74.8%	65.5%	9.3%
Other	1.7%	4.7%	-3.0%	Other	1.7%	4.1%	-2.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	29	25.8%	27.3%	NW	N/A	N/A	N/A
White	81	74.2%	72.7%	White	N/A	N/A	N/A
Chi-Square ³ :		.860	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		1.385	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	0.0%	50.0%	0.0%	NW	1	N/A
Hispanic	34.6%	19.2%	42.3%	3.8%	White	1	N/A
White	46.1%	23.6%	20.2%	10.1%			
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.525	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILFORD POLICE DEPARTMENT**

Total Stops: 765	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 49.2%			Stops per 1000 18+ residents: 34.2			
	Passing through: 50.8%						
All stops				ITP¹ Stops (N = 257, 33.6% of stops)			
Mean age		36.2		Mean age		36.09	
Gender %				Gender %			
Female		29.5%		Female		26.5%	
Male		69.0%		Male		71.6%	
Non-binary		1.4%		Non-binary		1.9%	
Race %				Race %			
AA/Black		5.4%		AA/Black		4.8%	
Hispanic		10.5%		Hispanic		9.9%	
White		83.5%		White		85.3%	
Other		0.5%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.4%	2.3%	3.1%	AA/Black	5.4%	15.7%	-10.3%
Hispanic	10.5%	14.0%	-3.5%	Hispanic	10.5%	14.7%	-4.2%
White	83.5%	73.8%	9.7%	White	83.5%	65.5%	18.0%
Other	0.5%	5.4%	-4.9%	Other	0.5%	4.1%	-3.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	111	14.5%	20.7%	NW	31	12.6%	16.1%
White	584	85.5%	79.3%	White	199	87.4%	83.9%
Chi-Square ³ :		.057 <i>not sig.</i>		Chi-Square ³ :		.514 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.550* <i>sig.</i>		Odds ratio Exp(B) ⁴ :		.300 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.0%	2.5%	15.0%	2.5%	NW	3	N/A
Hispanic	19.2%	12.8%	65.4%	2.6%	White	2	N/A
White	71.1%	6.3%	20.7%	1.9%			
Other	75.0%	0.0%	25.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILLBURY POLICE DEPARTMENT**

Total Stops: 272	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 21.8%			Stops per 1000 18+ residents: 24.4			
	Passing through: 78.2%						
All stops				ITP¹ Stops (N = 135, 49.6% of stops)			
Mean age		36.51		Mean age		37.54	
Gender %				Gender %			
Female		37.9%		Female		44.4%	
Male		61.8%		Male		55.6%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		9.7%		AA/Black		6.7%	
Hispanic		7.5%		Hispanic		7.5%	
White		79.1%		White		83.6%	
Other		3.7%		Other		2.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.7%	1.4%	2.8%	AA/Black	9.7%	15.7%	-6.0%
Hispanic	7.5%	1.2%	-2.8%	Hispanic	7.5%	14.7%	-7.2%
White	79.1%	91.1%	8.4%	White	79.1%	65.5%	13.6%
Other	3.7%	5.4%	-4.3%	Other	3.7%	4.1%	-0.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	18.9%	31.0%	NW	20	16.7%	15.4%
White	194	81.1%	69.0%	White	101	83.3%	84.6%
Chi-Square ³ :		.051	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.626	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	57.7%	23.1%	19.2%	0.0%	NW	0	N/A
Hispanic	50.0%	5.0%	40.0%	5.0%	White	3	N/A
White	72.6%	8.5%	14.2%	4.7%			
Other	70.0%	0.0%	30.0%	0.0%			
Chi-Square ³ :		.029* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILLIS POLICE DEPARTMENT**

Total Stops: 216	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 18.1%			Stops per 1000 18+ residents: 33.3			
	Passing through: 81.9%						
All stops				ITP¹ Stops (N = 117, 54.1% of stops)			
Mean age		38.31		Mean age		38.52	
Gender %				Gender %			
Female		33.3%		Female		28.2%	
Male		66.2%		Male		70.9%	
Non-binary		0.5%		Non-binary		0.9%	
Race %				Race %			
AA/Black		5.0%		AA/Black		5.6%	
Hispanic		5.5%		Hispanic		7.5%	
White		88.9%		White		86.9%	
Other		0.5%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.0%	2.3%	2.8%	AA/Black	5.0%	15.7%	-10.7%
Hispanic	5.5%	2.3%	-2.8%	Hispanic	5.5%	14.7%	-9.2%
White	88.9%	92.9%	8.4%	White	88.9%	65.5%	23.4%
Other	0.5%	1.7%	-4.3%	Other	0.5%	4.1%	-3.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	20	11.7%	9.3%	NW	12	14.7%	8.7%
White	160	88.3%	90.7%	White	79	85.3%	91.3%
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	30.0%	20.0%	50.0%	0.0%	NW	1	N/A
Hispanic	45.5%	9.1%	45.5%	0.0%	White	1	N/A
White	71.2%	11.3%	15.3%	2.3%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.078 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MILTON POLICE DEPARTMENT**

Total Stops: 480	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		20.3%	Stops per 1000 18+ residents:			
	Passing through:		79.7%	23.1			
All stops				ITP¹ Stops (N = 180, 37.5% of stops)			
Mean age		39.28		Mean age		38.7	
Gender %				Gender %			
Female		42.1%		Female		41.6%	
Male		57.7%		Male		58.4%	
Non-binary		0.2%		Non-binary		0.0%	
Race %				Race %			
AA/Black		45.5%		AA/Black		37.1%	
Hispanic		10.9%		Hispanic		13.5%	
White		38.6%		White		43.3%	
Other		5.0%		Other		6.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	45.5%	15.1%	30.4%	AA/Black	45.5%	15.7%	29.8%
Hispanic	10.9%	3.2%	7.7%	Hispanic	10.9%	14.7%	-3.8%
White	38.6%	71.7%	-33.1%	White	38.6%	65.5%	-26.9%
Other	5.0%	10.6%	-5.6%	Other	5.0%	4.1%	0.9%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	269	60.6%	64.3%	NW	94	56.2%	60.7%
White	170	39.4%	35.7%	White	71	43.8%	39.3%
Chi-Square ³ :		.529	<i>not sig.</i>	Chi-Square ³ :		.661	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.888	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.843	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.9%	15.3%	15.3%	0.5%	NW	3	N/A
Hispanic	78.0%	8.0%	10.0%	4.0%	White	1	N/A
White	76.8%	12.4%	10.2%	0.6%			
Other	91.3%	4.3%	4.3%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MONSON POLICE DEPARTMENT**

Total Stops: 483	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 27.7%			Stops per 1000 18+ residents: 67			
	Passing through: 72.3%						
All stops				ITP¹ Stops (N = 173, 35.8% of stops)			
Mean age		36.34		Mean age		36.1	
Gender %				Gender %			
Female		26.0%		Female		27.7%	
Male		73.3%		Male		72.3%	
Non-binary		0.6%		Non-binary		0.0%	
Race %				Race %			
AA/Black		6.0%		AA/Black		4.7%	
Hispanic		5.6%		Hispanic		5.8%	
White		87.4%		White		89.0%	
Other		1.1%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.0%	1.1%	4.9%	AA/Black	6.0%	15.7%	-9.7%
Hispanic	5.6%	1.5%	4.1%	Hispanic	5.6%	14.7%	-9.1%
White	87.4%	95.9%	-8.5%	White	87.4%	65.5%	21.9%
Other	1.1%	2.0%	-0.9%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	50	10.8%	18.0%	NW	16	9.0%	13.1%
White	321	89.2%	82.0%	White	134	91.0%	86.9%
Chi-Square ³ :		.049*	<i>sig.</i>	Chi-Square ³ :		.421	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.534*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.835	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	42.9%	14.3%	25.0%	17.9%	NW	6	N/A
Hispanic	46.2%	15.4%	23.1%	15.4%	White	8	N/A
White	54.9%	12.3%	23.3%	9.6%			
Other	100.0%	0.0%	0.0%	0.0%	Counts		Percent
Chi-Square ³ :		.535		<i>not sig.</i>			

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MONTAGUE POLICE DEPARTMENT**

Total Stops: 212	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		10.9%	Stops per 1000 18+ residents:			
	Passing through:		89.1%	30.6			
All stops				ITP1 Stops N/A			
Mean age		38.37		Mean age		N/A	
Gender %				Gender %			
Female		46.2%		Female		N/A	
Male		52.8%		Male		N/A	
Non-binary		0.9%		Non-binary		N/A	
Race %				Race %			
AA/Black		2.5%		AA/Black		N/A	
Hispanic		6.4%		Hispanic		N/A	
White		90.6%		White		N/A	
Other		0.5%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.5%	1.9%	0.6%	AA/Black	2.5%	15.7%	-13.2%
Hispanic	6.4%	4.2%	2.2%	Hispanic	6.4%	14.7%	-8.3%
White	90.6%	88.9%	1.7%	White	90.6%	65.5%	25.1%
Other	0.5%	5.5%	-5.0%	Other	0.5%	4.1%	-3.6%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	6.8%	12.7%	NW	N/A	N/A	N/A
White	158	93.2%	87.3%	White	N/A	N/A	N/A
Chi-Square ³ :		.187	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.441	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	80.0%	0.0%	20.0%	0.0%	NW	0	N/A
Hispanic	76.9%	15.4%	7.7%	0.0%	White	1	N/A
White	86.3%	3.3%	10.4%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.476	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NANTUCKET POLICE DEPARTMENT**

Total Stops: 251	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		75.7%	Stops per 1000 18+ residents:			
	Passing through:		24.3%	27.8			
All stops				ITP¹ Stops N/A			
Mean age		36.09		Mean age		N/A	
Gender %				Gender %			
Female		19.5%		Female		N/A	
Male		79.3%		Male		N/A	
Non-binary		1.2%		Non-binary		N/A	
Race %				Race %			
AA/Black		15.6%		AA/Black		N/A	
Hispanic		7.0%		Hispanic		N/A	
White		77.5%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	15.6%	7.8%	7.8%	AA/Black	15.6%	15.7%	-0.1%
Hispanic	7.0%	4.2%	2.8%	Hispanic	7.0%	14.7%	-7.7%
White	77.5%	85.2%	-7.7%	White	77.5%	65.5%	12.0%
Other	0.0%	4.1%	-4.1%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	47	19.6%	26.0%	NW	N/A	N/A	N/A
White	159	80.4%	74.0%	White	N/A	N/A	N/A
Chi-Square ³ :		.277 <i>not sig.</i>		Chi-Square ³ :		N/A N/A	
Odds ratio Exp(B) ⁴ :		.759 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		N/A N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	10.5%	18.4%	71.1%	0.0%	NW	0	N/A
Hispanic	17.6%	47.1%	35.3%	0.0%	White	2	N/A
White	15.9%	19.6%	64.6%	0.0%			
Other	0.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.064 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NATICK POLICE DEPARTMENT**

Total Stops: 1,237	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		25.7%	Stops per 1000 18+ residents:			
	Passing through:		74.3%	45.1			
All stops				ITP¹ Stops (N = 394, 31.9% of stops)			
Mean age		37.23		Mean age		36.34	
Gender %				Gender %			
Female		35.7%		Female		31.5%	
Male		63.8%		Male		67.8%	
Non-binary		0.6%		Non-binary		0.8%	
Race %				Race %			
AA/Black		14.1%		AA/Black		15.3%	
Hispanic		6.9%		Hispanic		5.4%	
White		73.6%		White		72.8%	
Other		5.4%		Other		6.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	14.1%	1.9%	12.2%	AA/Black	14.1%	15.7%	-1.6%
Hispanic	6.9%	4.1%	2.8%	Hispanic	6.9%	14.7%	-7.8%
White	73.6%	78.9%	-5.3%	White	73.6%	65.5%	8.1%
Other	5.4%	15.0%	-9.6%	Other	5.4%	4.1%	1.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	297	22.9%	35.0%	NW	94	25.4%	29.6%
White	819	77.1%	65.0%	White	255	74.6%	70.4%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.402	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.561*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.723	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.4%	11.7%	24.6%	2.3%	NW	8	N/A
Hispanic	39.3%	14.3%	46.4%	0.0%	White	10	N/A
White	69.6%	10.7%	17.5%	2.2%			
Other	83.1%	12.3%	4.6%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEEDHAM POLICE DEPARTMENT**

Total Stops: 1,709	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 32.3%			Stops per 1000 18+ residents: 74.5			
	Passing through: 67.7%						
All stops				ITP¹ Stops (N = 481, 28.1% of stops)			
Mean age		43.49		Mean age		41.14	
Gender %				Gender %			
Female		45.5%		Female		43.9%	
Male		53.7%		Male		55.3%	
Non-binary		0.8%		Non-binary		0.8%	
Race %				Race %			
AA/Black		6.5%		AA/Black		7.9%	
Hispanic		6.3%		Hispanic		6.4%	
White		79.2%		White		76.6%	
Other		8.0%		Other		9.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.5%	2.9%	3.6%	AA/Black	6.5%	15.7%	-9.2%
Hispanic	6.3%	3.2%	3.1%	Hispanic	6.3%	14.7%	-8.4%
White	79.2%	82.6%	-3.4%	White	79.2%	65.5%	13.7%
Other	8.0%	11.4%	-3.4%	Other	8.0%	4.1%	3.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	334	20.1%	26.0%	NW	103	23.0%	26.8%
White	1,261	79.9%	74.0%	White	327	77.0%	73.2%
Chi-Square ³ :		.045*	<i>sig.</i>	Chi-Square ³ :		.414	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.798	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.017	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	75.0%	8.3%	14.8%	1.9%	NW	0	N/A
Hispanic	67.3%	8.7%	22.1%	1.9%	White	6	N/A
White	90.0%	7.0%	2.7%	0.2%			
Other	90.2%	9.0%	0.8%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEW BEDFORD POLICE DEPARTMENT**

Total Stops: 3,323	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		70.3%	Stops per 1000 18+ residents:			
	Passing through:		29.7%	45.2			
All stops				ITP¹ Stops (N = 1,249, 37.6% of stops)			
Mean age		36.58		Mean age		36.66	
Gender %				Gender %			
Female		36.1%		Female		33.4%	
Male		62.8%		Male		65.0%	
Non-binary		1.1%		Non-binary		1.6%	
Race %				Race %			
AA/Black		19.3%		AA/Black		18.1%	
Hispanic		12.6%		Hispanic		15.0%	
White		67.8%		White		66.4%	
Other		0.4%		Other		0.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	19.3%	7.0%	12.3%	AA/Black	19.3%	15.7%	3.6%
Hispanic	12.6%	20.8%	-8.2%	Hispanic	12.6%	14.7%	-2.1%
White	67.8%	60.5%	7.3%	White	67.8%	65.5%	2.3%
Other	0.4%	6.8%	-6.4%	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	942	29.8%	39.9%	NW	382	33.7%	36.0%
White	1,970	70.2%	60.1%	White	736	66.3%	64.0%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.512	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.689*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.985	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	41.3%	14.8%	38.4%	5.6%	NW	13	N/A
Hispanic	42.7%	12.1%	37.0%	8.1%	White	29	N/A
White	56.2%	13.4%	26.2%	4.2%			
Other	25.0%	33.3%	33.3%	8.3%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEW MARLBOROUGH POLICE DEPARTMENT**

Total Stops: 193	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.7%			Stops per 1000 18+ residents: N/A			
	Passing through: 82.3%						
All stops				ITP¹ Stops N/A			
Mean age		40.54		Mean age		N/A	
Gender %				Gender %			
Female		25.9%		Female		N/A	
Male		74.1%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		5.8%		AA/Black		N/A	
Hispanic		3.7%		Hispanic		N/A	
White		87.9%		White		N/A	
Other		2.6%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.8%	N/A	N/A	AA/Black	5.8%	15.7%	-9.9%
Hispanic	3.7%	N/A	N/A	Hispanic	3.7%	14.7%	-11.0%
White	87.9%	N/A	N/A	White	87.9%	65.5%	22.4%
Other	2.6%	N/A	N/A	Other	2.6%	4.1%	-1.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	5.9%	18.6%	NW	N/A	N/A	N/A
White	153	94.1%	81.4%	White	N/A	N/A	N/A
Chi-Square ³ :		.009*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.225*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	63.6%	18.2%	18.2%	0.0%	NW	1	N/A
Hispanic	28.6%	28.6%	42.9%	0.0%	White	1	N/A
White	45.5%	41.9%	9.0%	3.6%			
Other	20.0%	80.0%	0.0%	0.0%			
Chi-Square ³ :		.097 <i>not sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEWBURY POLICE DEPARTMENT**

Total Stops: 484	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 12.8%			Stops per 1000 18+ residents: 90.4			
	Passing through: 87.2%						
All stops				ITP¹ Stops (N = 138, 28.5% of stops)			
Mean age		38.82		Mean age		37.4	
Gender %				Gender %			
Female		35.7%		Female		31.2%	
Male		61.8%		Male		65.2%	
Non-binary		2.5%		Non-binary		3.6%	
Race %				Race %			
AA/Black		1.5%		AA/Black		1.5%	
Hispanic		1.3%		Hispanic		0.8%	
White		96.2%		White		95.5%	
Other		1.1%		Other		2.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	1.5%	1.0%	2.8%	AA/Black	1.5%	15.7%	-14.2%
Hispanic	1.3%	3.0%	-2.8%	Hispanic	1.3%	14.7%	-13.4%
White	96.2%	92.1%	8.4%	White	96.2%	65.5%	30.7%
Other	1.1%	2.8%	-4.3%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	4.4%	4.0%	NW	5	5.3%	2.4%
White	381	95.6%	96.0%	White	112	94.7%	97.6%
Chi-Square ³ :		.839	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		1.057	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	42.9%	42.9%	14.3%	0.0%	NW	0	N/A
Hispanic	33.3%	33.3%	33.3%	0.0%	White	0	N/A
White	48.4%	31.8%	17.1%	2.7%			
Other	20.0%	60.0%	20.0%	0.0%		Counts	Percent
Chi-Square ³ :		.908	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEWBURYPORT POLICE DEPARTMENT**

Total Stops: 256	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 32.4%			Stops per 1000 18+ residents: 17.6			
	Passing through: 67.6%						
All stops				ITP¹ Stops N/A			
Mean age		43.32		Mean age		N/A	
Gender %				Gender %			
Female		48.0%		Female		N/A	
Male		50.8%		Male		N/A	
Non-binary		1.2%		Non-binary		N/A	
Race %				Race %			
AA/Black		1.2%		AA/Black		N/A	
Hispanic		6.8%		Hispanic		N/A	
White		92.0%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	1.2%	1.7%	2.8%	AA/Black	1.2%	15.7%	-14.5%
Hispanic	6.8%	2.8%	-2.8%	Hispanic	6.8%	14.7%	-7.9%
White	92.0%	92.4%	8.4%	White	92.0%	65.5%	26.5%
Other	0.0%	3.9%	-4.3%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	18	8.0%	6.3%	NW	N/A	N/A	N/A
White	218	92.0%	93.8%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	66.7%	0.0%	33.3%	0.0%	NW	0	N/A
Hispanic	41.2%	47.1%	11.8%	0.0%	White	0	N/A
White	66.2%	20.3%	10.4%	3.0%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.150 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NEWTON POLICE DEPARTMENT**

Total Stops: 1,798	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 35.3%			Stops per 1000 18+ residents: 26			
	Passing through: 64.7%						
All stops				ITP¹ Stops (N = 905, 50.3% of stops)			
Mean age		44.5		Mean age		44.11	
Gender %				Gender %			
Female		45.1%		Female		47.9%	
Male		54.2%		Male		51.3%	
Non-binary		0.7%		Non-binary		0.8%	
Race %				Race %			
AA/Black		7.9%		AA/Black		8.5%	
Hispanic		6.7%		Hispanic		6.5%	
White		76.8%		White		76.4%	
Other		8.7%		Other		8.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.9%	3.0%	4.9%	AA/Black	7.9%	15.7%	-7.8%
Hispanic	6.7%	4.9%	1.8%	Hispanic	6.7%	14.7%	-8.0%
White	76.8%	73.7%	3.1%	White	76.8%	65.5%	11.3%
Other	8.7%	18.4%	-9.7%	Other	8.7%	4.1%	4.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	348	22.4%	24.6%	NW	183	23.3%	23.6%
White	1,175	77.6%	75.4%	White	599	76.7%	76.4%
Chi-Square ³ :		.398	<i>not sig.</i>	Chi-Square ³ :		.932	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.862	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.936	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	87.2%	6.0%	4.5%	2.3%	NW	3	N/A
Hispanic	64.6%	13.3%	22.1%	0.0%	White	4	N/A
White	89.7%	4.6%	4.9%	0.8%			
Other	89.0%	8.2%	2.7%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORFOLK POLICE DEPARTMENT**

Total Stops: 449	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 16.5%			Stops per 1000 18+ residents: 47.8			
	Passing through: 83.5%						
All stops				ITP¹ Stops (N = 176, 39.2% of stops)			
Mean age		37.1		Mean age		36.7	
Gender %				Gender %			
Female		21.5%		Female		22.9%	
Male		75.4%		Male		73.5%	
Non-binary		3.0%		Non-binary		3.6%	
Race %				Race %			
AA/Black		8.9%		AA/Black		8.1%	
Hispanic		12.4%		Hispanic		11.2%	
White		75.7%		White		80.1%	
Other		3.0%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.9%	7.4%	1.5%	AA/Black	8.9%	15.7%	-6.8%
Hispanic	12.4%	7.6%	4.8%	Hispanic	12.4%	14.7%	-2.3%
White	75.7%	83.2%	-7.5%	White	75.7%	65.5%	10.2%
Other	3.0%	3.1%	-0.1%	Other	3.0%	4.1%	-1.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	92	24.7%	23.1%	NW	27	16.7%	27.3%
White	289	75.3%	76.9%	White	114	83.3%	72.7%
Chi-Square ³ :		.725	<i>not sig.</i>	Chi-Square ³ :		.175	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.148	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.693	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	33.3%	16.7%	36.1%	13.9%	NW	0	N/A
Hispanic	12.0%	6.0%	56.0%	26.0%	White	2	N/A
White	56.1%	10.2%	20.3%	13.4%			
Other	50.0%	0.0%	33.3%	16.7%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH ADAMS POLICE DEPARTMENT**

Total Stops: 518	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 59.1%			Stops per 1000 18+ residents: 49.6			
	Passing through: 40.9%						
All stops				ITP¹ Stops (N = 156, 30.1% of stops)			
Mean age		39.31		Mean age		37.39	
Gender %				Gender %			
Female		37.6%		Female		37.2%	
Male		61.8%		Male		62.8%	
Non-binary		0.6%		Non-binary		0.0%	
Race %				Race %			
AA/Black		7.5%		AA/Black		7.8%	
Hispanic		1.0%		Hispanic		0.7%	
White		91.5%		White		91.5%	
Other		0.0%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.5%	1.7%	2.8%	AA/Black	7.5%	15.7%	-8.2%
Hispanic	1.0%	6.6%	-2.8%	Hispanic	1.0%	14.7%	-13.7%
White	91.5%	86.0%	8.4%	White	91.5%	65.5%	26.0%
Other	0.0%	6.9%	-4.3%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	29	4.7%	9.5%	NW	N/A	N/A	N/A
White	417	95.3%	90.5%	White	N/A	N/A	N/A
Chi-Square ³ :		.044*	sig.	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.391*	sig.	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	26.3%	18.4%	39.5%	15.8%	NW	2	N/A
Hispanic	40.0%	20.0%	40.0%	0.0%	White	7	N/A
White	49.1%	14.5%	29.0%	7.4%			
Other	0.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.153 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH ANDOVER POLICE DEPARTMENT**

Total Stops: 227	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 26.9%			Stops per 1000 18+ residents: 9.6			
	Passing through: 73.1%						
All stops				ITP¹ Stops N/A			
Mean age		36.67		Mean age		N/A	
Gender %				Gender %			
Female		23.0%		Female		N/A	
Male		74.8%		Male		N/A	
Non-binary		2.2%		Non-binary		N/A	
Race %				Race %			
AA/Black		4.7%		AA/Black		N/A	
Hispanic		23.7%		Hispanic		N/A	
White		67.0%		White		N/A	
Other		4.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.7%	3.6%	1.1%	AA/Black	4.7%	15.7%	-11.0%
Hispanic	23.7%	7.6%	16.1%	Hispanic	23.7%	14.7%	9.0%
White	67.0%	81.1%	-14.1%	White	67.0%	65.5%	1.5%
Other	4.7%	8.5%	-3.8%	Other	4.7%	4.1%	0.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	65	31.5%	38.3%	NW	N/A	N/A	N/A
White	131	68.5%	61.7%	White	N/A	N/A	N/A
Chi-Square ³ :		.391	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.606	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	30.0%	20.0%	0.0%	NW	2	N/A
Hispanic	23.5%	33.3%	29.4%	13.7%	White	7	N/A
White	36.8%	31.9%	23.6%	7.6%			
Other	40.0%	50.0%	10.0%	0.0%			
Chi-Square ³ :		.460	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH ATTLEBOROUGH POLICE DEPARTMENT**

Total Stops: 603	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist: 38.4%			Stops per 1000 18+ residents: 27					
	Passing through: 61.6%								
All stops				ITP¹ Stops (N = 206, 34.2% of stops)					
Mean age		38.77		Mean age		38.48			
Gender %				Gender %					
Female		41.0%		Female		40.8%			
Male		58.5%		Male		58.7%			
Non-binary		0.5%		Non-binary		0.5%			
Race %				Race %					
AA/Black		7.3%		AA/Black		9.5%			
Hispanic		9.5%		Hispanic		11.5%			
White		79.4%		White		74.5%			
Other		3.8%		Other		4.5%			
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)									
Comparative Analyses									
Stops vs. City/Town Demographics				Stops vs. State Average²					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		7.3%	2.0%	5.3%	AA/Black		7.3%	15.7%	-8.4%
Hispanic		9.5%	5.6%	3.9%	Hispanic		9.5%	14.7%	-5.2%
White		79.4%	84.2%	-4.8%	White		79.4%	65.5%	13.9%
Other		3.8%	9.1%	-5.3%	Other		3.8%	4.1%	-0.3%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments									
VoD Analysis									
All stops				ITP stops					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		108	18.6%	23.8%	NW		44	28.1%	22.1%
White		424	81.4%	76.2%	White		129	71.9%	77.9%
Chi-Square ³ :			.161	not sig.	Chi-Square ³ :			.364	not sig.
Odds ratio Exp(B) ⁴ :			.752	not sig.	Odds ratio Exp(B) ⁴ :			1.232	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone									
⁴ 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.									
Stop Outcomes by Race									
		Warning	Civil	Criminal	Arrest	Search?			
AA/Black		28.6%	33.3%	38.1%	0.0%	NW	0	N/A	
Hispanic		40.0%	27.3%	32.7%	0.0%	White	2	N/A	
White		36.7%	39.3%	17.6%	6.3%				
Other		31.8%	59.1%	9.1%	0.0%				
Chi-Square ³ :			.001*	sig.					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTH READING POLICE DEPARTMENT**

Total Stops: 140	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 30.0%			Stops per 1000 18+ residents: 11.3			
	Passing through: 70.0%						
All stops				ITP1 Stops N/A			
Mean age		35.67		Mean age		N/A	
Gender %				Gender %			
Female		22.9%		Female		N/A	
Male		75.0%		Male		N/A	
Non-binary		2.1%		Non-binary		N/A	
Race %				Race %			
AA/Black		3.0%		AA/Black		N/A	
Hispanic		9.8%		Hispanic		N/A	
White		82.7%		White		N/A	
Other		4.5%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	3.0%	1.3%	1.7%	AA/Black	3.0%	15.7%	-12.7%
Hispanic	9.8%	2.0%	7.8%	Hispanic	9.8%	14.7%	-4.9%
White	82.7%	89.3%	-6.6%	White	82.7%	65.5%	17.2%
Other	4.5%	7.0%	-2.5%	Other	4.5%	4.1%	0.4%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	20	17.0%	16.1%	NW	N/A	N/A	N/A
White	99	83.0%	83.9%	White	N/A	N/A	N/A
Chi-Square ³ :		.907	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		1.218	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	25.0%	25.0%	0.0%	NW	2	N/A
Hispanic	23.1%	15.4%	38.5%	23.1%	White	1	N/A
White	46.4%	20.9%	27.3%	5.5%			
Other	66.7%	16.7%	16.7%	0.0%			
Chi-Square ³ :		.417	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHAMPTON POLICE DEPARTMENT**

Total Stops: 1,007	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 28.7%			Stops per 1000 18+ residents: 41.9			
	Passing through: 71.3%						
All stops				ITP¹ Stops (N = 248, 24.6% of stops)			
Mean age		39.8		Mean age		37.4	
Gender %				Gender %			
Female		46.9%		Female		44.4%	
Male		52.6%		Male		55.2%	
Non-binary		0.5%		Non-binary		0.4%	
Race %				Race %			
AA/Black		7.3%		AA/Black		7.7%	
Hispanic		2.5%		Hispanic		2.8%	
White		88.9%		White		89.0%	
Other		1.3%		Other		0.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.3%	2.2%	5.1%	AA/Black	7.3%	15.7%	-8.4%
Hispanic	2.5%	8.7%	-6.2%	Hispanic	2.5%	14.7%	-12.2%
White	88.9%	82.2%	6.7%	White	88.9%	65.5%	23.4%
Other	1.3%	7.7%	-6.4%	Other	1.3%	4.1%	-2.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	100	9.0%	16.3%	NW	22	11.3%	8.0%
White	800	91.0%	83.7%	White	198	88.7%	92.0%
Chi-Square ³ :		.001*	<i>sig.</i>	Chi-Square ³ :		.435	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.504*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.372	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	47.9%	12.3%	34.2%	5.5%	NW	1	N/A
Hispanic	44.0%	12.0%	36.0%	8.0%	White	4	N/A
White	71.1%	11.3%	13.9%	3.7%			
Other	92.3%	0.0%	7.7%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHBOROUGH POLICE DEPARTMENT**

Total Stops: 661	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 23.5%			Stops per 1000 18+ residents: 57.3			
	Passing through: 76.5%						
All stops				ITP¹ Stops N/A			
Mean age		40.29		Mean age		39.86	
Gender %				Gender %			
Female		47.0%		Female		42.5%	
Male		52.7%		Male		56.9%	
Non-binary		0.3%		Non-binary		0.6%	
Race %				Race %			
AA/Black		8.4%		AA/Black		7.8%	
Hispanic		7.2%		Hispanic		6.6%	
White		77.5%		White		77.1%	
Other		6.9%		Other		8.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.4%	3.2%	5.2%	AA/Black	8.4%	15.7%	-7.3%
Hispanic	7.2%	2.7%	4.5%	Hispanic	7.2%	14.7%	-7.5%
White	77.5%	82.7%	-5.2%	White	77.5%	65.5%	12.0%
Other	6.9%	11.6%	-4.7%	Other	6.9%	4.1%	2.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	139	19.0%	34.9%	NW	36	23.1%	26.7%
White	469	81.0%	65.1%	White	113	76.9%	73.3%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.638	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.496*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.077	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.4%	40.0%	3.6%	0.0%	NW	1	N/A
Hispanic	59.6%	21.3%	14.9%	4.3%	White	0	N/A
White	69.1%	23.6%	4.0%	3.4%			
Other	48.9%	46.7%	0.0%	4.4%			
Chi-Square ³ :		.000*	<i>sig.</i>				

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHBRIDGE POLICE DEPARTMENT**

Total Stops: 519	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 16.6%			Stops per 1000 18+ residents: 40.3			
	Passing through: 83.4%						
All stops				ITP1 Stops (N = 166, 31.9% of all stops)			
Mean age		36.77		Mean age		36.54	
Gender %				Gender %			
Female		42.9%		Female		36.7%	
Male		56.8%		Male		63.3%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.3%		AA/Black		2.5%	
Hispanic		4.9%		Hispanic		7.4%	
White		89.8%		White		88.9%	
Other		1.0%		Other		1.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	4.3%	2.0%	2.3%	AA/Black	4.3%	15.7%	-11.4%
Hispanic	4.9%	6.2%	-1.3%	Hispanic	4.9%	14.7%	-9.8%
White	89.8%	87.4%	2.4%	White	89.8%	65.5%	24.3%
Other	1.0%	5.3%	-4.3%	Other	1.0%	4.1%	-3.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	6.9%	16.3%	NW	16	10.1%	11.5%
White	432	93.1%	83.8%	White	131	89.9%	88.5%
Chi-Square ³ :		.001*	sig.	Chi-Square ³ :		.787	not sig.
Odds ratio Exp(B) ⁴ :		.405*	sig.	Odds ratio Exp(B) ⁴ :		.797	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	72.7%	0.0%	22.7%	4.5%	NW	0	N/A
Hispanic	68.0%	8.0%	24.0%	0.0%	White	3	N/A
White	81.3%	4.8%	8.0%	5.9%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.071 not sig.					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTHFIELD POLICE DEPARTMENT**

Total Stops: 304	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 9.5%			Stops per 1000 18+ residents: N/A			
	Passing through: 90.5%						
All stops				ITP¹ Stops (N = 107, 35.2% of stops)			
Mean age		39.01		Mean age		37.94	
Gender %				Gender %			
Female		31.6%		Female		36.4%	
Male		68.4%		Male		63.6%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.0%		AA/Black		1.9%	
Hispanic		3.0%		Hispanic		4.7%	
White		92.4%		White		93.4%	
Other		0.7%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.0%	N/A	N/A	AA/Black	4.0%	15.7%	-11.7%
Hispanic	3.0%	N/A	N/A	Hispanic	3.0%	14.7%	-11.7%
White	92.4%	N/A	N/A	White	92.4%	65.5%	26.9%
Other	0.7%	N/A	N/A	Other	0.7%	4.1%	-3.4%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	6.9%	6.1%	NW	6	6.5%	4.2%
White	263	93.1%	93.9%	White	95	93.5%	95.8%
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	41.7%	41.7%	16.7%	0.0%	NW	2	N/A
Hispanic	88.9%	11.1%	0.0%	0.0%	White	2	N/A
White	65.4%	30.0%	4.6%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.216 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORTON POLICE DEPARTMENT**

Total Stops: 583	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 33.0%			Stops per 1000 18+ residents: 35.5			
	Passing through: 67.0%						
All stops				ITP¹ Stops (N = 253, 43.4% of stops)			
Mean age		37.98		Mean age		37.98	
Gender %				Gender %			
Female		31.0%		Female		32.0%	
Male		67.6%		Male		67.2%	
Non-binary		1.4%		Non-binary		0.8%	
Race %				Race %			
AA/Black		6.7%		AA/Black		7.0%	
Hispanic		3.4%		Hispanic		4.0%	
White		88.6%		White		87.2%	
Other		1.3%		Other		1.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.7%	4.1%	2.6%	AA/Black	6.7%	15.7%	-9.0%
Hispanic	3.4%	2.7%	0.7%	Hispanic	3.4%	14.7%	-11.3%
White	88.6%	90.3%	-1.7%	White	88.6%	65.5%	23.1%
Other	1.3%	3.0%	-1.7%	Other	1.3%	4.1%	-2.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	12.1%	10.6%	NW	26	15.4%	9.9%
White	415	87.9%	89.4%	White	168	84.6%	90.1%
Chi-Square ³ :		.608 <i>not sig.</i>		Chi-Square ³ :		.271 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		1.186 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.421 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.6%	8.3%	27.8%	8.3%	NW	1	N/A
Hispanic	55.6%	5.6%	16.7%	22.2%	White	3	N/A
White	71.7%	10.8%	12.0%	5.5%			
Other	85.7%	14.3%	0.0%	0.0%			
Chi-Square ³ :		.027* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORWELL POLICE DEPARTMENT**

Total Stops: 365	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		32.4%	Stops per 1000 18+ residents:				45.1
	Passing through:		67.6%					
All stops				ITP¹ Stops (N = 139, 38.1% of stops)				
Mean age		36.02		Mean age		33.42		
Gender %				Gender %				
Female		39.7%		Female		36.7%		
Male		59.7%		Male		62.6%		
Non-binary		0.5%		Non-binary		0.7%		
Race %				Race %				
AA/Black		0.8%		AA/Black		0.7%		
Hispanic		6.6%		Hispanic		4.3%		
White		90.6%		White		92.8%		
Other		1.9%		Other		2.2%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	0.8%	0.3%	0.5%	AA/Black	0.8%	15.7%	-14.9%	
Hispanic	6.6%	2.3%	4.3%	Hispanic	6.6%	14.7%	-8.1%	
White	90.6%	94.5%	-3.9%	White	90.6%	65.5%	25.1%	
Other	1.9%	2.7%	-0.8%	Other	1.9%	4.1%	-2.2%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	32	9.4%	8.5%	NW	9	8.0%	3.7%	
White	312	90.6%	91.5%	White	118	92.0%	96.3%	
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0	N/A	
Hispanic	75.0%	4.2%	20.8%	0.0%	White	0	N/A	
White	84.5%	8.8%	6.4%	0.3%				
Other	85.7%	0.0%	14.3%	0.0%				
Chi-Square ³ :		.454 <i>not sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
NORWOOD POLICE DEPARTMENT**

Total Stops: 818	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		33.5%	Stops per 1000 18+ residents:			
	Passing through:		66.5%	34.3			
All stops				ITP¹ Stops (N = 354, 43.3% of stops)			
Mean age		39.8		Mean age		39.9	
Gender %				Gender %			
Female		37.4%		Female		37.9%	
Male		62.1%		Male		61.8%	
Non-binary		0.5%		Non-binary		0.3%	
Race %				Race %			
AA/Black		18.5%		AA/Black		17.1%	
Hispanic		9.9%		Hispanic		9.0%	
White		63.6%		White		65.8%	
Other		8.0%		Other		8.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	18.5%	7.2%	11.3%	AA/Black	18.5%	15.7%	2.8%
Hispanic	9.9%	6.8%	3.1%	Hispanic	9.9%	14.7%	-4.8%
White	63.6%	80.4%	-16.8%	White	63.6%	65.5%	-1.9%
Other	8.0%	7.1%	0.9%	Other	8.0%	4.1%	3.9%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	276	29.7%	46.0%	NW	103	31.5%	37.6%
White	476	70.3%	54.0%	White	200	68.5%	62.4%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.267	not sig.
Odds ratio Exp(B) ⁴ :		.488*	sig.	Odds ratio Exp(B) ⁴ :		.729	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.0%	8.1%	16.9%	2.0%	NW	4	N/A
Hispanic	53.2%	19.0%	25.3%	2.5%	White	7	N/A
White	79.5%	10.6%	7.5%	2.4%			
Other	82.8%	14.1%	3.1%	0.0%			
Chi-Square ³ :		.000* sig.				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
OAK BLUFFS POLICE DEPARTMENT**

Total Stops: 140	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 23.7%			Stops per 1000 18+ residents: N/A			
	Passing through: 76.3%						
All stops				ITP¹ Stops N/A			
Mean age		37		Mean age		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 %				Race %			
AA/Black		14.6%		AA/Black		N/A	
Hispanic		1.5%		Hispanic		N/A	
White		83.2%		White		N/A	
Other		0.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	14.6%	N/A	N/A	AA/Black	14.6%	15.7%	-1.1%
Hispanic	1.5%	N/A	N/A	Hispanic	1.5%	14.7%	-13.2%
White	83.2%	N/A	N/A	White	83.2%	65.5%	17.7%
Other	0.7%	N/A	N/A	Other	0.7%	4.1%	-3.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	15.6%	19.0%	NW	N/A	N/A	N/A
White	110	84.4%	81.0%	White	N/A	N/A	N/A
Chi-Square ³ :		.616	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.931	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	25.0%	15.0%	10.0%	NW	N/A	N/A
Hispanic	0.0%	50.0%	50.0%	0.0%	White	N/A	N/A
White	49.1%	15.8%	28.1%	7.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.744	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
OAKHAM POLICE DEPARTMENT**

Total Stops: 133	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		6.8%	Stops per 1000 18+ residents:				N/A
	Passing through:		93.2%					
All stops				ITP¹ Stops N/A				
Mean age		35.56		Mean age		N/A		
Gender %				Gender %				
Female		45.9%		Female		N/A		
Male		52.6%		Male		N/A		
Non-binary		1.5%		Non-binary		N/A		
Race %				Race %				
AA/Black		3.1%		AA/Black		N/A		
Hispanic		0.0%		Hispanic		N/A		
White		96.1%		White		N/A		
Other		0.8%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	3.1%	N/A	N/A	AA/Black	3.1%	15.7%	-12.6%	
Hispanic	0.0%	N/A	N/A	Hispanic	0.0%	14.7%	-14.7%	
White	96.1%	N/A	N/A	White	96.1%	65.5%	30.6%	
Other	0.8%	N/A	N/A	Other	0.8%	4.1%	-3.3%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	4	4.1%	2.8%	NW	N/A	N/A	N/A	
White	106	95.9%	97.2%	White	N/A	N/A	N/A	
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	50.0%	0.0%	25.0%	25.0%	NW	1	N/A	
Hispanic	0.0%	0.0%	0.0%	0.0%	White	7	N/A	
White	61.3%	19.4%	18.5%	0.8%				
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent	
Chi-Square ³ : .003* <i>sig.</i>								

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ORANGE POLICE DEPARTMENT**

Total Stops: 233	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 45.0%			Stops per 1000 18+ residents: 38.1			
	Passing through: 55.0%						
All stops				ITP¹ Stops N/A			
Mean age		35.5		Mean age		N/A	
Gender %				Gender %			
Female		35.6%		Female		N/A	
Male		63.9%		Male		N/A	
Non-binary		0.4%		Non-binary		N/A	
Race %				Race %			
AA/Black		6.2%		AA/Black		N/A	
Hispanic		1.8%		Hispanic		N/A	
White		91.6%		White		N/A	
Other		0.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.2%	0.6%	5.6%	AA/Black	6.2%	15.7%	-9.5%
Hispanic	1.8%	2.5%	-0.7%	Hispanic	1.8%	14.7%	-12.9%
White	91.6%	94.7%	-3.1%	White	91.6%	65.5%	26.1%
Other	0.4%	3.0%	-2.6%	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	7.6%	10.1%	NW	N/A	N/A	N/A
White	177	92.4%	89.9%	White	N/A	N/A	N/A
Chi-Square ³ :		.541	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.599	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	14.3%	21.4%	57.1%	7.1%	NW	0	N/A
Hispanic	75.0%	0.0%	0.0%	25.0%	White	2	N/A
White	36.5%	23.1%	32.7%	7.7%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.246	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ORLEANS POLICE DEPARTMENT**

Total Stops: 134	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		16.4%	Stops per 1000 18+ residents:				27.2
	Passing through:		83.6%					
All stops				ITP¹ Stops N/A				
Mean age		43.55		Mean age		N/A		
Gender %				Gender %				
Female		38.1%		Female		N/A		
Male		61.2%		Male		N/A		
Non-binary		0.7%		Non-binary		N/A		
Race %				Race %				
AA/Black		6.2%		AA/Black		N/A		
Hispanic		3.1%		Hispanic		N/A		
White		90.8%		White		N/A		
Other		0.0%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	6.2%	3.6%	2.6%	AA/Black	6.2%	15.7%	-9.5%	
Hispanic	3.1%	1.9%	1.2%	Hispanic	3.1%	14.7%	-11.6%	
White	90.8%	93.4%	-2.6%	White	90.8%	65.5%	25.3%	
Other	0.0%	1.8%	-1.8%	Other	0.0%	4.1%	-4.1%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	11	8.7%	10.7%	NW	N/A	N/A	N/A	
White	109	91.3%	89.3%	White	N/A	N/A	N/A	
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	25.0%	12.5%	62.5%	0.0%	NW	0	N/A	
Hispanic	0.0%	0.0%	100.0%	0.0%	White	0	N/A	
White	54.2%	5.1%	27.1%	13.6%				
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-Square ³ : .020* sig.								

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
OXFORD POLICE DEPARTMENT**

Total Stops: 1,063	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.4%			Stops per 1000 18+ residents: 97.6			
	Passing through: 82.6%						
All stops				ITP¹ Stops (N = 331, 31.1% of stops)			
Mean age		38.1		Mean age		35.3	
Gender %				Gender %			
Female		40.1%		Female		32.7%	
Male		59.0%		Male		66.4%	
Non-binary		0.9%		Non-binary		0.9%	
Race %				Race %			
AA/Black		3.9%		AA/Black		3.7%	
Hispanic		6.3%		Hispanic		10.2%	
White		88.2%		White		85.1%	
Other		1.6%		Other		0.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.9%	2.0%	1.9%	AA/Black	3.9%	15.7%	-11.8%
Hispanic	6.3%	5.6%	0.7%	Hispanic	6.3%	14.7%	-8.4%
White	88.2%	87.9%	0.3%	White	88.2%	65.5%	22.7%
Other	1.6%	5.9%	-4.3%	Other	1.6%	4.1%	-2.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	113	8.9%	19.7%	NW	41	10.3%	22.3%
White	865	91.1%	80.3%	White	248	89.7%	77.7%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.006*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.370*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.294*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.0%	0.0%	32.5%	2.5%	NW	3	N/A
Hispanic	52.3%	20.0%	26.2%	1.5%	White	4	N/A
White	74.7%	9.5%	12.6%	3.3%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PALMER POLICE DEPARTMENT**

Total Stops: 387	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 19.4%			Stops per 1000 18+ residents: 38.8			
	Passing through: 80.6%						
All stops				ITP¹ Stops (N = 162, 42.4% of stops)			
Mean age		36.99		Mean age		38.39	
Gender %				Gender %			
Female		34.9%		Female		37.0%	
Male		62.0%		Male		61.1%	
Non-binary		3.1%		Non-binary		1.9%	
Race %				Race %			
AA/Black		11.4%		AA/Black		6.3%	
Hispanic		3.8%		Hispanic		3.8%	
White		83.2%		White		88.1%	
Other		1.6%		Other		1.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.4%	2.2%	9.2%	AA/Black	11.4%	15.7%	-4.3%
Hispanic	3.8%	4.5%	-0.7%	Hispanic	3.8%	14.7%	-10.9%
White	83.2%	87.4%	-4.2%	White	83.2%	65.5%	17.7%
Other	1.6%	7.1%	-5.5%	Other	1.6%	4.1%	-2.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	55	21.1%	14.6%	NW	18	15.6%	6.8%
White	254	78.9%	85.4%	White	131	84.4%	93.2%
Chi-Square ³ :		.141	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		1.547	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	21.4%	0.0%	61.9%	16.7%	NW	3	N/A
Hispanic	42.9%	0.0%	14.3%	42.9%	White	2	N/A
White	39.2%	8.2%	37.3%	15.4%			
Other	50.0%	16.7%	16.7%	16.7%			
Chi-Square ³ :		.005* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PAXTON POLICE DEPARTMENT**

Total Stops: 1,037	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 8.6%			Stops per 1000 18+ residents: N/A			
	Passing through: 91.4%						
All stops				ITP¹ Stops (N = 430, 41.5% of stops)			
Mean age		37.2		Mean age		37.2	
Gender %				Gender %			
Female		44.3%		Female		39.8%	
Male		55.6%		Male		60.2%	
Non-binary		0.1%		Non-binary		0.0%	
Race %				Race %			
AA/Black		6.8%		AA/Black		5.9%	
Hispanic		6.3%		Hispanic		6.6%	
White		85.1%		White		85.4%	
Other		1.9%		Other		2.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.8%	N/A	N/A	AA/Black	6.8%	15.7%	-8.9%
Hispanic	6.3%	N/A	N/A	Hispanic	6.3%	14.7%	-8.4%
White	85.1%	N/A	N/A	White	85.1%	65.5%	19.6%
Other	1.9%	N/A	N/A	Other	1.9%	4.1%	-2.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	146	13.8%	18.0%	NW	56	16.2%	9.8%
White	835	86.2%	82.0%	White	333	83.8%	90.2%
Chi-Square ³ :		.111	<i>not sig.</i>	Chi-Square ³ :		.102	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.691	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.490	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.3%	23.2%	14.5%	0.0%	NW	0	N/A
Hispanic	59.4%	26.6%	14.1%	0.0%	White	1	N/A
White	77.6%	16.9%	5.2%	0.2%			
Other	63.2%	15.8%	21.1%	0.0%			
Chi-Square ³ :		.001* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PEABODY POLICE DEPARTMENT**

Total Stops: 942	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 35.0%			Stops per 1000 18+ residents: 21.4			
	Passing through: 65.0%						
All stops				ITP¹ Stops (N = 336, 35.7% of stops)			
Mean age		37.9		Mean age		38	
Gender %				Gender %			
Female		33.9%		Female		32.4%	
Male		64.7%		Male		66.4%	
Non-binary		1.4%		Non-binary		1.2%	
Race %				Race %			
AA/Black		6.5%		AA/Black		6.4%	
Hispanic		21.2%		Hispanic		21.5%	
White		70.4%		White		69.7%	
Other		1.9%		Other		2.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.5%	3.8%	2.7%	AA/Black	6.5%	15.7%	-9.2%
Hispanic	21.2%	9.9%	11.3%	Hispanic	21.2%	14.7%	6.5%
White	70.4%	82.7%	-12.3%	White	70.4%	65.5%	4.9%
Other	1.9%	4.2%	-2.3%	Other	1.9%	4.1%	-2.2%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	254	28.3%	31.6%	NW	88	29.7%	30.6%
White	608	71.7%	68.4%	White	204	70.3%	69.4%
Chi-Square ³ :		.308	<i>not sig.</i>	Chi-Square ³ :		.875	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.921	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.079	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	62.7%	11.9%	25.4%	0.0%	NW	1	N/A
Hispanic	52.6%	13.4%	28.9%	5.2%	White	2	N/A
White	58.8%	14.6%	22.9%	3.7%			
Other	70.6%	17.6%	11.8%	0.0%			
Chi-Square ³ :		.390	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PEMBROKE POLICE DEPARTMENT**

Total Stops: 192	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 33.3%			Stops per 1000 18+ residents: 13.2			
	Passing through: 66.7%						
All stops				ITP¹ Stops N/A			
Mean age		35.23		Mean age		N/A	
Gender %				Gender %			
Female		27.1%		Female		N/A	
Male		71.9%		Male		N/A	
Non-binary		1.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		5.0%		AA/Black		N/A	
Hispanic		0.6%		Hispanic		N/A	
White		93.3%		White		N/A	
Other		1.1%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.0%	0.6%	4.4%	AA/Black	5.0%	15.7%	-10.7%
Hispanic	0.6%	1.5%	-0.9%	Hispanic	0.6%	14.7%	-14.1%
White	93.3%	93.5%	-0.2%	White	93.3%	65.5%	27.8%
Other	1.1%	3.7%	-2.6%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	9	6.7%	7.5%	NW	N/A	N/A	N/A
White	120	93.3%	92.5%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	33.3%	33.3%	22.2%	11.1%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	2	N/A
White	41.1%	29.2%	25.6%	4.2%			
Other	50.0%	50.0%	0.0%	0.0%			
Chi-Square ³ :		.941 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PEPPERELL POLICE DEPARTMENT**

Total Stops: 241	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		40.2%	Stops per 1000 18+ residents:			
	Passing through:		59.8%	25.2			
All stops				ITP¹ Stops N/A			
Mean age		35.4		Mean age		N/A	
Gender %				Gender %			
Female		32.4%		Female		N/A	
Male		66.4%		Male		N/A	
Non-binary		1.2%		Non-binary		N/A	
Race %				Race %			
AA/Black		2.6%		AA/Black		N/A	
Hispanic		1.7%		Hispanic		N/A	
White		94.8%		White		N/A	
Other		0.9%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.6%	0.8%	1.8%	AA/Black	2.6%	15.7%	-13.1%
Hispanic	1.7%	2.0%	-0.3%	Hispanic	1.7%	14.7%	-13.0%
White	94.8%	93.0%	1.8%	White	94.8%	65.5%	29.3%
Other	0.9%	4.1%	-3.2%	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	12	3.6%	9.5%	NW	N/A	N/A	N/A
White	199	96.4%	90.5%	White	N/A	N/A	N/A
Chi-Square ³ :		.082	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.344	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	33.3%	0.0%	66.7%	0.0%	NW	0	N/A
Hispanic	25.0%	0.0%	50.0%	25.0%	White	2	N/A
White	58.1%	8.3%	21.7%	12.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.252	<i>not sig.</i>			Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PETERSHAM POLICE DEPARTMENT**

Total Stops: 136	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		9.6%	Stops per 1000 18+ residents:				N/A
	Passing through:		90.4%					
All stops				ITP¹ Stops N/A				
Mean age		38.15		Mean age		N/A		
Gender %				Gender %				
Female		40.4%		Female		N/A		
Male		58.8%		Male		N/A		
Non-binary		0.7%		Non-binary		N/A		
Race %				Race %				
AA/Black		2.2%		AA/Black		N/A		
Hispanic		0.7%		Hispanic		N/A		
White		96.3%		White		N/A		
Other		0.7%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	2.2%	N/A	N/A	AA/Black	2.2%	15.7%	-13.5%	
Hispanic	0.7%	N/A	N/A	Hispanic	0.7%	14.7%	-14.0%	
White	96.3%	N/A	N/A	White	96.3%	65.5%	30.8%	
Other	0.7%	N/A	N/A	Other	0.7%	4.1%	-3.4%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	5	3.5%	6.3%	NW	N/A	N/A	N/A	
White	125	96.5%	93.8%	White	N/A	N/A	N/A	
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest	Search?			
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	0	N/A	
Hispanic	0.0%	100.0%	0.0%	0.0%	White	1	N/A	
White	59.2%	36.9%	3.8%	0.0%				
Other	100.0%	0.0%	0.0%	0.0%				
Chi-Square ³ :		.615 <i>not sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PITTSFIELD POLICE DEPARTMENT**

Total Stops: 1,114	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 61.9%			Stops per 1000 18+ residents: 32.4			
	Passing through: 38.1%						
All stops				ITP¹ Stops (N = 338, 30.3% of stops)			
Mean age		40.5		Mean age		39.1	
Gender %				Gender %			
Female		38.5%		Female		38.8%	
Male		61.1%		Male		60.9%	
Non-binary		0.4%		Non-binary		0.3%	
Race %				Race %			
AA/Black		12.4%		AA/Black		8.1%	
Hispanic		2.3%		Hispanic		2.1%	
White		84.9%		White		89.8%	
Other		0.4%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	12.4%	4.5%	7.9%	AA/Black	12.4%	15.7%	-3.3%
Hispanic	2.3%	6.8%	-4.5%	Hispanic	2.3%	14.7%	-12.4%
White	84.9%	83.3%	1.6%	White	84.9%	65.5%	19.4%
Other	0.4%	6.5%	-6.1%	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	142	12.6%	20.7%	NW	32	8.7%	16.5%
White	836	87.4%	79.3%	White	266	91.3%	83.5%
Chi-Square ³ :		.003*	<i>sig.</i>	Chi-Square ³ :		056	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.575*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.571	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	47.1%	19.1%	26.5%	7.4%	NW	3	N/A
Hispanic	68.0%	16.0%	12.0%	4.0%	White	3	N/A
White	63.0%	22.7%	11.5%	2.7%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PLAINVILLE POLICE DEPARTMENT**

Total Stops: 152	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 16.4%			Stops per 1000 18+ residents: N/A			
	Passing through: 83.6%						
All stops				ITP¹ Stops N/A			
Mean age		37.8		Mean age		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 %				Race %			
AA/Black		9.5%		AA/Black		N/A	
Hispanic		10.2%		Hispanic		N/A	
White		74.8%		White		N/A	
Other		5.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.5%	4.8%	4.7%	AA/Black	9.5%	15.7%	-6.2%
Hispanic	10.2%	4.5%	5.7%	Hispanic	10.2%	14.7%	-4.5%
White	74.8%	87.9%	-13.1%	White	74.8%	65.5%	9.3%
Other	5.4%	4.9%	0.5%	Other	5.4%	4.1%	1.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	18.3%	39.2%	NW	N/A	N/A	N/A
White	98	81.7%	60.8%	White	N/A	N/A	N/A
Chi-Square ³ :		.008*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.298*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	14.3%	64.3%	21.4%	0.0%	NW	1	N/A
Hispanic	13.3%	40.0%	40.0%	6.7%	White	0	N/A
White	24.5%	55.5%	19.1%	0.9%			
Other	37.5%	62.5%	0.0%	0.0%			
Chi-Square ³ :		.279		<i>not sig.</i>		Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PLYMOUTH POLICE DEPARTMENT**

Total Stops: 3,661	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 57.8%			Stops per 1000 18+ residents: 72.7			
	Passing through: 42.2%						
All stops				ITP¹ Stops (N = 1,879, 51.3% of stops)			
Mean age		39.1		Mean age		40.1	
Gender %				Gender %			
Female		39.8%		Female		38.9%	
Male		59.8%		Male		60.9%	
Non-binary		0.4%		Non-binary		0.2%	
Race %				Race %			
AA/Black		4.9%		AA/Black		4.2%	
Hispanic		0.7%		Hispanic		0.8%	
White		93.7%		White		94.5%	
Other		0.6%		Other		0.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.9%	1.9%	3.0%	AA/Black	4.9%	15.7%	-10.8%
Hispanic	0.7%	2.4%	-1.7%	Hispanic	0.7%	14.7%	-14.0%
White	93.7%	91.6%	2.1%	White	93.7%	65.5%	28.2%
Other	0.6%	3.8%	-3.2%	Other	0.6%	4.1%	-3.5%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	186	4.6%	7.1%	NW	91	4.3%	6.9%
White	2,895	95.4%	92.9%	White	1,469	95.7%	93.1%
Chi-Square ³ :		.005*	sig.	Chi-Square ³ :		.027*	sig.
Odds ratio Exp(B) ⁴ :		.600*	sig.	Odds ratio Exp(B) ⁴ :		.541*	sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.0%	14.3%	13.7%	0.0%	NW	2	N/A
Hispanic	73.1%	23.1%	3.8%	0.0%	White	41	N/A
White	83.9%	11.0%	5.0%	0.1%			
Other	76.2%	19.0%	4.8%	0.0%			
Chi-Square ³ :		.000* sig.					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PLYMPTON POLICE DEPARTMENT**

Total Stops: 187	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 11.2%			Stops per 1000 18+ residents: N/A			
	Passing through: 88.8%						
All stops				ITP¹ Stops N/A			
Mean age		36.2		Mean age		N/A	
Gender %				Gender %			
Female		38.0%		Female		N/A	
Male		62.0%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		8.1%		AA/Black		N/A	
Hispanic		2.2%		Hispanic		N/A	
White		89.7%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.1%	N/A	N/A	AA/Black	8.1%	15.7%	-7.6%
Hispanic	2.2%	N/A	N/A	Hispanic	2.2%	14.7%	-12.5%
White	89.7%	N/A	N/A	White	89.7%	65.5%	24.2%
Other	0.0%	N/A	N/A	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	8.5%	11.5%	NW	N/A	N/A	N/A
White	153	91.5%	88.5%	White	N/A	N/A	N/A
Chi-Square ³ :		.540	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.533	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	46.7%	33.3%	20.0%	0.0%	NW	0	N/A
Hispanic	50.0%	0.0%	50.0%	0.0%	White	2	N/A
White	59.0%	27.1%	12.7%	1.2%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.398	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PRINCETON ANYTOWN POLICE DEPARTMENT**

Total Stops: 154	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 11.0%			Stops per 1000 18+ residents: N/A			
	Passing through: 89.0%						
All stops				ITP¹ Stops N/A			
Mean age		36.52		Mean age		N/A	
Gender %				Gender %			
Female		29.2%		Female		N/A	
Male		68.2%		Male		N/A	
Non-binary		2.6%		Non-binary		N/A	
Race %				Race %			
AA/Black		4.1%		AA/Black		N/A	
Hispanic		1.4%		Hispanic		N/A	
White		93.9%		White		N/A	
Other		0.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.1%	N/A	N/A	AA/Black	4.1%	15.7%	-11.6%
Hispanic	1.4%	N/A	N/A	Hispanic	1.4%	14.7%	-13.3%
White	93.9%	N/A	N/A	White	93.9%	65.5%	28.4%
Other	0.7%	N/A	N/A	Other	0.7%	4.1%	-3.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	8	6.9%	3.0%	NW	N/A	N/A	N/A
White	127	93.1%	97.0%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.7%	0.0%	33.3%	0.0%	NW	0	N/A
Hispanic	50.0%	50.0%	0.0%	0.0%	White	1	N/A
White	65.2%	25.4%	8.0%	1.4%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.624 <i>not sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
PROVINCETOWN POLICE DEPARTMENT**

Total Stops: 225	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 27.6%			Stops per 1000 18+ residents: N/A			
	Passing through: 72.4%						
All stops				ITP¹ Stops N/A			
Mean age		40		Mean age		N/A	
Gender %				Gender %			
Female		25.3%		Female		N/A	
Male		73.8%		Male		N/A	
Non-binary		0.9%		Non-binary		N/A	
Race %				Race %			
AA/Black		8.6%		AA/Black		N/A	
Hispanic		4.1%		Hispanic		N/A	
White		84.6%		White		N/A	
Other		2.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.6%	N/A	N/A	AA/Black	8.6%	15.7%	-7.1%
Hispanic	4.1%	N/A	N/A	Hispanic	4.1%	14.7%	-10.6%
White	84.6%	N/A	N/A	White	84.6%	65.5%	19.1%
Other	2.7%	N/A	N/A	Other	2.7%	4.1%	-1.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	14.6%	19.0%	NW	N/A	N/A	N/A
White	169	85.4%	81.0%	White	N/A	N/A	N/A
Chi-Square ³ :		.414	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.696	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	21.1%	31.6%	42.1%	5.3%	NW	1	N/A
Hispanic	33.3%	11.1%	33.3%	22.2%	White	1	N/A
White	39.0%	19.8%	28.3%	12.8%			
Other	33.3%	50.0%	16.7%	0.0%			
Chi-Square ³ :		.415	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
QUINCY POLICE DEPARTMENT**

Total Stops: 2,566	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 43.7%			Stops per 1000 18+ residents: 0.318			
	Passing through: 56.3%						
All stops				ITP¹ Stops (N = 711, 27.7% of stops)			
Mean age		42.3		Mean age		39.9	
Gender %				Gender %			
Female		38.8%		Female		37.1%	
Male		60.4%		Male		62.0%	
Non-binary		0.9%		Non-binary		0.8%	
Race %				Race %			
AA/Black		16.2%		AA/Black		18.5%	
Hispanic		3.9%		Hispanic		4.9%	
White		63.1%		White		60.5%	
Other		16.7%		Other		16.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	16.2%	5.1%	11.1%	AA/Black	16.2%	15.7%	0.5%
Hispanic	3.9%	3.1%	0.8%	Hispanic	3.9%	14.7%	-10.8%
White	63.1%	59.0%	4.1%	White	63.1%	65.5%	-2.4%
Other	16.7%	32.6%	-15.9%	Other	16.7%	4.1%	12.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	807	35.7%	37.6%	NW	251	39.4%	38.6%
White	1,438	64.3%	62.4%	White	389	60.6%	61.4%
Chi-Square ³ :		.530 <i>not sig.</i>		Chi-Square ³ :		.859 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.820 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.154 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	84.4%	3.7%	8.4%	3.5%	NW	12	N/A
Hispanic	71.4%	4.1%	15.3%	9.2%	White	10	N/A
White	88.8%	3.4%	6.3%	1.5%			
Other	92.8%	5.0%	1.9%	0.2%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
RANDOLPH POLICE DEPARTMENT**

Total Stops: 835	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 29.9%			Stops per 1000 18+ residents: 30.3			
	Passing through: 70.1%						
All stops				ITP¹ Stops (N = 425 50.9% of stops)			
Mean age		38.9		Mean age		39.6	
Gender %				Gender %			
Female		34.1%		Female		33.7%	
Male		65.2%		Male		66.0%	
Non-binary		0.6%		Non-binary		0.3%	
Race %				Race %			
AA/Black		50.3%		AA/Black		42.9%	
Hispanic		14.6%		Hispanic		16.6%	
White		29.5%		White		33.4%	
Other		5.6%		Other		7.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	50.3%	44.7%	5.6%	AA/Black	50.3%	15.7%	34.6%
Hispanic	14.6%	8.8%	5.8%	Hispanic	14.6%	14.7%	-0.1%
White	29.5%	29.4%	0.1%	White	29.5%	65.5%	-36.0%
Other	5.6%	16.5%	-10.9%	Other	5.6%	4.1%	1.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	485	68.3%	77.5%	NW	215	64.7%	70.8%
White	196	31.7%	22.5%	White	109	35.3%	29.2%
Chi-Square ³ :		.013*	<i>sig.</i>	Chi-Square ³ :		.299	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.591*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.650	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	71.5%	14.4%	12.8%	1.3%	NW	2	N/A
Hispanic	68.5%	23.4%	7.2%	0.9%	White	0	N/A
White	75.1%	17.8%	7.1%	0.0%			
Other	76.7%	23.3%	0.0%	0.0%			
Chi-Square ³ :		.020*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
RAYNHAM POLICE DEPARTMENT**

Total Stops: 423	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 13.5%			Stops per 1000 18+ residents: 37.1			
	Passing through: 86.5%						
All stops				ITP¹ Stops (N = 160, 37.8% of stops)			
Mean age		34.6		Mean age		33.4	
Gender %				Gender %			
Female		26.5%		Female		28.7%	
Male		73.0%		Male		71.3%	
Non-binary		0.5%		Non-binary		0.0%	
Race %				Race %			
AA/Black		23.2%		AA/Black		26.3%	
Hispanic		3.9%		Hispanic		5.8%	
White		72.4%		White		67.3%	
Other		0.5%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	23.2%	1.7%	21.5%	AA/Black	23.2%	15.7%	7.5%
Hispanic	3.9%	2.0%	1.9%	Hispanic	3.9%	14.7%	-10.8%
White	72.4%	93.3%	-20.9%	White	72.4%	65.5%	6.9%
Other	0.5%	3.2%	-2.7%	Other	0.5%	4.1%	-3.6%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	101	25.7%	32.4%	NW	46	38.8%	28.3%
White	257	74.3%	67.6%	White	87	61.3%	71.7%
Chi-Square ³ :		.173	<i>not sig.</i>	Chi-Square ³ :		.215	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.801	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.737	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	20.0%	23.2%	46.3%	10.5%	NW	5	N/A
Hispanic	6.3%	37.5%	31.3%	25.0%	White	11	N/A
White	23.6%	31.6%	31.3%	13.5%			
Other	50.0%	0.0%	50.0%	0.0%			
Chi-Square ³ :		.164	<i>not sig.</i>				

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
READING POLICE DEPARTMENT**

Total Stops: 623	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 20.7%			Stops per 1000 18+ residents: 32.4			
	Passing through: 79.3%						
All stops				ITP¹ Stops (N = 254, 40.8% of stops)			
Mean age		38.5		Mean age		37.4	
Gender %				Gender %			
Female		38.1%		Female		38.3%	
Male		61.3%		Male		61.3%	
Non-binary		0.6%		Non-binary		0.4%	
Race %				Race %			
AA/Black		6.5%		AA/Black		4.5%	
Hispanic		7.0%		Hispanic		4.5%	
White		83.5%		White		86.9%	
Other		3.0%		Other		4.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.5%	0.4%	6.1%	AA/Black	6.5%	15.7%	-9.2%
Hispanic	7.0%	3.0%	4.0%	Hispanic	7.0%	14.7%	-7.7%
White	83.5%	91.1%	-7.6%	White	83.5%	65.5%	18.0%
Other	3.0%	5.7%	-2.7%	Other	3.0%	4.1%	-1.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	92	16.5%	16.8%	NW	27	12.0%	13.0%
White	461	83.5%	83.2%	White	187	88.0%	87.0%
Chi-Square ³ :		.925	<i>not sig.</i>	Chi-Square ³ :		.842	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.021	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.765	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.2%	2.6%	23.1%	5.1%	NW	0	N/A
Hispanic	45.2%	2.4%	42.9%	9.6%	White	11	N/A
White	81.4%	3.4%	12.8%	2.4%			
Other	88.9%	11.1%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
REHOBOTH POLICE DEPARTMENT**

Total Stops: 638	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 19.1%			Stops per 1000 18+ residents: 65.5			
	Passing through: 80.9%						
All stops				ITP¹ Stops (N = 179, 28.1% of stops)			
Mean age		36.13		Mean age		33.81	
Gender %				Gender %			
Female		64.2%		Female		31.3%	
Male		64.8%		Male		67.6%	
Non-binary		0.9%		Non-binary		1.1%	
Race %				Race %			
AA/Black		9.6%		AA/Black		10.7%	
Hispanic		1.8%		Hispanic		0.6%	
White		87.5%		White		88.2%	
Other		1.1%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.6%	0.7%	8.9%	AA/Black	9.6%	15.7%	-6.1%
Hispanic	1.8%	2.8%	-1.0%	Hispanic	1.8%	14.7%	-12.9%
White	87.5%	92.4%	-4.9%	White	87.5%	65.5%	22.0%
Other	1.1%	4.4%	-3.3%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	72	11.6%	14.5%	NW	19	12.7%	8.7%
White	516	88.4%	85.5%	White	145	87.3%	91.3%
Chi-Square ³ :		.371	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.893	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	35.0%	20.0%	43.3%	1.7%	NW	2	N/A
Hispanic	27.3%	27.3%	36.4%	9.1%	White	1	N/A
White	54.6%	15.0%	27.3%	3.1%			
Other	42.9%	14.3%	42.9%	0.0%			
Chi-Square ³ :		.103	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
REVERE POLICE DEPARTMENT**

Total Stops: 779	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 32.9%			Stops per 1000 18+ residents: 18.4			
	Passing through: 67.1%						
All stops				ITP¹ Stops (N = 198*, 25.4% of stops)			
Mean age		38.9		Mean age		37.9	
Gender %				Gender %			
Female		26.3%		Female		28.8%	
Male		72.0%		Male		69.7%	
Non-binary		1.7%		Non-binary		1.5%	
Race %				Race %			
AA/Black		9.7%		AA/Black		8.5%	
Hispanic		24.8%		Hispanic		32.4%	
White		62.6%		White		55.3%	
Other		2.9%		Other		3.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.7%	5.5%	4.2%	AA/Black	9.7%	15.7%	-6.0%
Hispanic	24.8%	33.6%	-8.8%	Hispanic	24.8%	14.7%	10.1%
White	62.6%	53.3%	9.3%	White	62.6%	65.5%	-2.9%
Other	2.9%	10.5%	-7.6%	Other	2.9%	4.1%	-1.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	250	31.5%	50.5%	NW	75	38.3%	55.4%
White	426	68.5%	49.5%	White	96	61.7%	44.6%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.034*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.493*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.729	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	42.9%	25.7%	28.6%	2.9%	NW	13	N/A
Hispanic	49.4%	14.4%	31.1%	5.0%	White	20	N/A
White	53.3%	19.8%	23.6%	3.3%			
Other	71.4%	4.8%	23.8%	0.0%			
Chi-Square ³ :		.117	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROCHESTER POLICE DEPARTMENT**

Total Stops: 239	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 20.9%			Stops per 1000 18+ residents: 55.8			
	Passing through: 79.1%						
All stops				ITP¹ Stops (N = 108, 45.2% of stops)			
Mean age		35.21		Mean age		33.33	
Gender %				Gender %			
Female		33.5%		Female		34.3%	
Male		65.3%		Male		65.7%	
Non-binary		1.3%		Non-binary		0.0%	
Race %				Race %			
AA/Black		3.5%		AA/Black		3.9%	
Hispanic		4.9%		Hispanic		6.9%	
White		91.2%		White		89.2%	
Other		0.4%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.5%	0.6%	2.9%	AA/Black	3.5%	15.7%	-12.2%
Hispanic	4.9%	0.6%	4.3%	Hispanic	4.9%	14.7%	-9.8%
White	91.2%	97.4%	-6.2%	White	91.2%	65.5%	25.7%
Other	0.4%	1.1%	-0.7%	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	11.8%	5.3%	NW	10	14.8%	6.1%
White	183	88.2%	94.7%	White	77	85.2%	93.9%
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	25.0%	25.0%	0.0%	NW	0	N/A
Hispanic	45.5%	27.3%	18.2%	9.1%	White	3	N/A
White	50.0%	16.5%	27.2%	6.3%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.964 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROCKLAND POLICE DEPARTMENT**

Total Stops: 434	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 31.1%			Stops per 1000 18+ residents: 31			
	Passing through: 68.9%						
All stops				ITP¹ Stops (N = 165, 38.0% of stops)			
Mean age		38.6		Mean age		38.4	
Gender %				Gender %			
Female		36.4%		Female		36.4%	
Male		62.9%		Male		63.0%	
Non-binary		0.7%		Non-binary		0.6%	
Race %				Race %			
AA/Black		8.3%		AA/Black		7.8%	
Hispanic		2.2%		Hispanic		3.2%	
White		88.8%		White		88.3%	
Other		0.7%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.3%	3.0%	5.3%	AA/Black	8.3%	15.7%	-7.4%
Hispanic	2.2%	3.1%	-0.9%	Hispanic	2.2%	14.7%	-12.5%
White	88.8%	91.5%	-2.7%	White	88.8%	65.5%	23.3%
Other	0.7%	1.6%	-0.9%	Other	0.7%	4.1%	-3.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	44	10.8%	15.5%	NW	18	11.2%	17.5%
White	326	89.2%	84.5%	White	120	88.8%	82.5%
Chi-Square ³ :		.248 <i>not sig.</i>		Chi-Square ³ :		.321 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.640 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.680 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	61.8%	11.8%	17.6%	8.8%	NW	1	N/A
Hispanic	11.1%	0.0%	77.8%	11.1%	White	3	N/A
White	74.2%	6.3%	13.4%	6.0%			
Other	66.7%	0.0%	33.3%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROCKPORT POLICE DEPARTMENT**

Total Stops: 105	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 35.2%			Stops per 1000 18+ residents: 16.9			
	Passing through: 64.8%						
All stops				ITP¹ Stops N/A			
Mean age		42.3		Mean age		N/A	
Gender %				Gender %			
Female		30.5%		Female		N/A	
Male		68.6%		Male		N/A	
Non-binary		1.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		2.9%		AA/Black		N/A	
Hispanic		7.8%		Hispanic		N/A	
White		87.4%		White		N/A	
Other		1.9%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.9%	0.1%	2.8%	AA/Black	2.9%	15.7%	-12.8%
Hispanic	7.8%	0.7%	7.1%	Hispanic	7.8%	14.7%	-6.9%
White	87.4%	96.5%	-9.1%	White	87.4%	65.5%	21.9%
Other	1.9%	1.2%	0.7%	Other	1.9%	4.1%	-2.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	12	14.7%	14.0%	NW	N/A	N/A	N/A
White	72	85.3%	86.0%	White	N/A	N/A	N/A
Chi-Square ³ :		.928	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		1.377	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	33.3%	66.7%	0.0%	NW	0	N/A
Hispanic	0.0%	0.0%	75.0%	25.0%	White	6	N/A
White	23.3%	26.7%	37.8%	12.2%			
Other	50.0%	0.0%	50.0%	0.0%		Counts	Percent
Chi-Square ³ :		.306	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
ROWLEY POLICE DEPARTMENT**

Total Stops: 264	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 15.2%			Stops per 1000 18+ residents: 52.2			
	Passing through: 84.8%						
All stops				ITP¹ Stops N/A			
Mean age		38.5		Mean age		N/A	
Gender %				Gender %			
Female		29.7%		Female		N/A	
Male		70.3%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		2.7%		AA/Black		N/A	
Hispanic		6.6%		Hispanic		N/A	
White		89.8%		White		N/A	
Other		0.8%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.7%	1.2%	1.5%	AA/Black	2.7%	15.7%	-13.0%
Hispanic	6.6%	0.8%	5.8%	Hispanic	6.6%	14.7%	-8.1%
White	89.8%	95.4%	-5.6%	White	89.8%	65.5%	24.3%
Other	0.8%	2.7%	-1.9%	Other	0.8%	4.1%	-3.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	9.6%	12.8%	NW	N/A	N/A	N/A
White	210	90.4%	87.2%	White	N/A	N/A	N/A
Chi-Square ³ :		.444	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.766	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	14.3%	57.1%	28.6%	0.0%	NW	0	N/A
Hispanic	0.0%	5.9%	94.1%	0.0%	White	0	N/A
White	42.6%	23.0%	30.4%	3.9%			
Other	50.0%	0.0%	50.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
RUSSELL POLICE DEPARTMENT**

Total Stops: 666	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 7.2%			Stops per 1000 18+ residents: N/A			
	Passing through: 92.8%						
All stops				ITP¹ Stops (N = 269, 40.4% of stops)			
Mean age		44.12		Mean age		41.94	
Gender %				Gender %			
Female		43.5%		Female		40.5%	
Male		55.3%		Male		59.1%	
Non-binary		1.2%		Non-binary		0.4%	
Race %				Race %			
AA/Black		1.7%		AA/Black		1.5%	
Hispanic		1.1%		Hispanic		1.9%	
White		97.1%		White		96.6%	
Other		0.2%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	1.7%	N/A	N/A	AA/Black	1.7%	15.7%	-14.0%
Hispanic	1.1%	N/A	N/A	Hispanic	1.1%	14.7%	-13.6%
White	97.1%	N/A	N/A	White	97.1%	65.5%	31.6%
Other	0.2%	N/A	N/A	Other	0.2%	4.1%	-3.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	3.0%	0.0%	NW	8	3.8%	0.0%
White	598	97.0%	100.0%	White	240	96.2%	100.0%
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.5%	27.3%	18.2%	0.0%	NW	0	N/A
Hispanic	71.4%	28.6%	0.0%	0.0%	White	0	N/A
White	80.7%	17.9%	1.4%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
RUTLAND POLICE DEPARTMENT**

Total Stops: 1,191	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 23.2%			Stops per 1000 18+ residents: 182			
	Passing through: 76.8%						
All stops				ITP¹ Stops (N = 362, 30.4% of stops)			
Mean age		37.7		Mean age		35.3	
Gender %				Gender %			
Female		39.8%		Female		36.2%	
Male		59.9%		Male		63.8%	
Non-binary		0.3%		Non-binary		0.0%	
Race %				Race %			
AA/Black		6.3%		AA/Black		3.9%	
Hispanic		6.0%		Hispanic		10.3%	
White		85.9%		White		83.5%	
Other		1.8%		Other		2.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.3%	0.0%	6.3%	AA/Black	6.3%	15.7%	-9.4%
Hispanic	6.0%	3.3%	2.7%	Hispanic	6.0%	14.7%	-8.7%
White	85.9%	92.1%	-6.2%	White	85.9%	65.5%	20.4%
Other	1.8%	5.6%	-3.8%	Other	1.8%	4.1%	-2.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	159	12.7%	20.5%	NW	55	17.2%	14.7%
White	966	87.3%	79.5%	White	267	82.3%	85.3%
Chi-Square ³ :		.003*	<i>sig.</i>	Chi-Square ³ :		0.558	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.605*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.629	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	16.2%	27.0%	6.8%	NW	1	N/A
Hispanic	40.0%	24.3%	28.6%	7.1%	White	4	N/A
White	70.6%	18.6%	8.9%	1.9%			
Other	52.4%	23.8%	23.8%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SALEM POLICE DEPARTMENT**

Total Stops: 4,077	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 31.6%			Stops per 1000 18+ residents: 112.6			
	Passing through: 68.4%						
All stops				ITP¹ Stops (N = 1,137, 27.9% of stops)			
Mean age		38.3		Mean age		37.6	
Gender %				Gender %			
Female		41.1%		Female		37.2%	
Male		58.2%		Male		61.5%	
Non-binary		0.6%		Non-binary		1.2%	
Race %				Race %			
AA/Black		8.7%		AA/Black		9.5%	
Hispanic		14.9%		Hispanic		14.4%	
White		74.8%		White		74.8%	
Other		1.5%		Other		1.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.7%	6.6%	2.1%	AA/Black	8.7%	15.7%	-7.0%
Hispanic	14.9%	17.8%	-2.9%	Hispanic	14.9%	14.7%	0.2%
White	74.8%	71.8%	3.0%	White	74.8%	65.5%	9.3%
Other	1.5%	6.9%	-5.4%	Other	1.5%	4.1%	-2.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	942	23.9%	30.9%	NW	250	25.1%	25.1%
White	2,767	76.1%	69.1%	White	746	74.9%	74.9%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.984	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.650*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.148	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	53.5%	33.0%	8.5%	5.0%	NW	4	N/A
Hispanic	50.0%	44.7%	2.9%	2.4%	White	3	N/A
White	55.6%	39.9%	3.2%	1.3%			
Other	47.5%	42.6%	6.6%	3.3%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SALISBURY POLICE DEPARTMENT**

Total Stops: 476	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 20.9%			Stops per 1000 18+ residents: 73.2			
	Passing through: 79.1%						
All stops				ITP¹ Stops (N = 191, 40.1% of stops)			
Mean age		39		Mean age		38	
Gender %				Gender %			
Female		36.1%		Female		32.1%	
Male		63.9%		Male		67.9%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		6.9%		AA/Black		5.3%	
Hispanic		7.7%		Hispanic		6.4%	
White		83.7%		White		88.3%	
Other		1.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.9%	0.7%	6.2%	AA/Black	6.9%	15.7%	-8.8%
Hispanic	7.7%	3.6%	4.1%	Hispanic	7.7%	14.7%	-7.0%
White	83.7%	92.8%	-9.1%	White	83.7%	65.5%	18.2%
Other	1.7%	2.4%	-0.7%	Other	1.7%	4.1%	-2.4%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	72	13.1%	23.0%	NW	21	15.5%	8.2%
White	346	86.9%	77.0%	White	149	84.5%	91.8%
Chi-Square ³ :		.008*	<i>sig.</i>	Chi-Square ³ :		0.155	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.620	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.462	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	59.4%	9.4%	28.1%	3.1%	NW	3	N/A
Hispanic	38.9%	19.4%	33.3%	8.3%	White	4	N/A
White	52.2%	21.1%	20.8%	5.9%			
Other	87.5%	12.5%	0.0%	0.0%			
Chi-Square ³ :		.235				Counts	Percent
		<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SANDWICH POLICE DEPARTMENT**

Total Stops: 895	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.6%			Stops per 1000 18+ residents: 54			
	Passing through: 82.4%						
All stops				ITP¹ Stops (N = 364, 40.7% of stops)			
Mean age		39.36		Mean age		40.02	
Gender %				Gender %			
Female		41.9%		Female		41.0%	
Male		57.7%		Male		58.7%	
Non-binary		0.3%		Non-binary		0.3%	
Race %				Race %			
AA/Black		5.9%		AA/Black		4.7%	
Hispanic		0.6%		Hispanic		0.6%	
White		92.7%		White		93.6%	
Other		0.8%		Other		1.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.9%	1.0%	4.9%	AA/Black	5.9%	15.7%	-9.8%
Hispanic	0.6%	2.1%	-1.5%	Hispanic	0.6%	14.7%	-14.1%
White	92.7%	93.0%	-0.3%	White	92.7%	65.5%	27.2%
Other	0.8%	2.8%	-2.0%	Other	0.8%	4.1%	-3.3%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	62	7.6%	7.1%	NW	21	7.3%	5.4%
White	776	92.4%	92.9%	White	305	92.7%	94.6%
Chi-Square ³ :		.783	<i>not sig.</i>	Chi-Square ³ :		.487	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.146	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.574	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	49.1%	32.1%	18.9%	0.0%	NW	1	N/A
Hispanic	20.0%	0.0%	40.0%	40.0%	White	13	N/A
White	64.4%	16.1%	12.2%	7.3%			
Other	42.9%	28.6%	14.3%	14.3%			
Chi-Square ³ :		.001* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SAUGUS POLICE DEPARTMENT**

Total Stops: 250	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		17.2%	Stops per 1000 18+ residents:			
	Passing through:		82.8%	10.6			
All stops				ITP¹ Stops N/A			
Mean age		34.2		Mean age		N/A	
Gender %				Gender %			
Female		22.8%		Female		N/A	
Male		75.6%		Male		N/A	
Non-binary		1.6%		Non-binary		N/A	
Race %				Race %			
AA/Black		8.6%		AA/Black		N/A	
Hispanic		7.0%		Hispanic		N/A	
White		84.0%		White		N/A	
Other		0.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.6%	2.1%	6.5%	AA/Black	8.6%	15.7%	-7.1%
Hispanic	7.0%	8.6%	-1.6%	Hispanic	7.0%	14.7%	-7.7%
White	84.0%	83.3%	0.7%	White	84.0%	65.5%	18.5%
Other	0.4%	5.8%	-5.4%	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	13.7%	20.2%	NW	N/A	N/A	N/A
White	186	86.3%	79.8%	White	N/A	N/A	N/A
Chi-Square ³ :		.195	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.595	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	19.0%	38.1%	42.9%	0.0%	NW	2	N/A
Hispanic	5.9%	17.6%	58.8%	17.6%	White	21	N/A
White	23.5%	21.1%	44.1%	11.3%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.196	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SCITUATE POLICE DEPARTMENT**

Total Stops: 105	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		50.5%	Stops per 1000 18+ residents:			
	Passing through:		49.5%	7.1			
All stops				ITP¹ Stops N/A			
Mean age		34.26		Mean age		N/A	
Gender %				Gender %			
Female		21.0%		Female		N/A	
Male		79.0%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		5.7%		AA/Black		N/A	
Hispanic		4.5%		Hispanic		N/A	
White		88.6%		White		N/A	
Other		1.1%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.7%	0.7%	5.0%	AA/Black	5.7%	15.7%	-10.0%
Hispanic	4.5%	1.0%	3.5%	Hispanic	4.5%	14.7%	-10.2%
White	88.6%	95.3%	-6.7%	White	88.6%	65.5%	23.1%
Other	1.1%	1.6%	-0.5%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	9	14.6%	8.0%	NW	N/A	N/A	N/A
White	64	85.4%	92.0%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	20.0%	20.0%	60.0%	0.0%	NW	0	N/A
Hispanic	0.0%	0.0%	100.0%	0.0%	White	0	N/A
White	32.1%	32.1%	26.9%	9.0%			
Other	0.0%	100.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.133 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SEEKONK POLICE DEPARTMENT**

Total Stops: 786	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 20.3%			Stops per 1000 18+ residents: 63.5			
	Passing through: 79.7%						
All stops				ITP¹ Stops (N = 248, 31.6% of stops)			
Mean age		35.86		Mean age		36	
Gender %				Gender %			
Female		32.7%		Female		30.2%	
Male		66.4%		Male		68.1%	
Non-binary		0.9%		Non-binary		1.6%	
Race %				Race %			
AA/Black		16.3%		AA/Black		15.0%	
Hispanic		5.6%		Hispanic		6.7%	
White		77.3%		White		77.1%	
Other		0.8%		Other		1.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	16.3%	1.0%	15.3%	AA/Black	16.3%	15.7%	0.6%
Hispanic	5.6%	2.5%	3.1%	Hispanic	5.6%	14.7%	-9.1%
White	77.3%	92.3%	-15.0%	White	77.3%	65.5%	11.8%
Other	0.8%	4.6%	-3.8%	Other	0.8%	4.1%	-3.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	163	15.5%	30.7%	NW	51	15.4%	29.6%
White	550	84.5%	69.3%	White	165	84.6%	70.4%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.015*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.406*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.333*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.8%	7.9%	38.1%	3.2%	NW	4	N/A
Hispanic	55.8%	18.6%	20.9%	4.7%	White	2	N/A
White	69.6%	12.4%	15.6%	2.3%			
Other	83.3%	16.7%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHARON POLICE DEPARTMENT**

Total Stops: 886	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 27.9%			Stops per 1000 18+ residents: 64.3			
	Passing through: 72.1%						
All stops				ITP¹ Stops (N = 318, 35.9% of stops)			
Mean age		40.42		Mean age		39.72	
Gender %				Gender %			
Female		43.2%		Female		38.4%	
Male		56.0%		Male		61.0%	
Non-binary		0.8%		Non-binary		0.6%	
Race %				Race %			
AA/Black		17.8%		AA/Black		16.5%	
Hispanic		3.6%		Hispanic		4.1%	
White		72.7%		White		69.8%	
Other		5.9%		Other		9.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	17.8%	2.6%	15.2%	AA/Black	17.8%	15.7%	2.1%
Hispanic	3.6%	5.4%	-1.8%	Hispanic	3.6%	14.7%	-11.1%
White	72.7%	73.1%	-0.4%	White	72.7%	65.5%	7.2%
Other	5.9%	18.5%	-12.6%	Other	5.9%	4.1%	1.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	218	23.9%	35.0%	NW	80	26.3%	33.9%
White	609	76.1%	65.0%	White	206	73.7%	66.1%
Chi-Square ³ :		.003*	<i>sig.</i>	Chi-Square ³ :		.242	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.579*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.546	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	79.4%	9.0%	11.6%	0.0%	NW	0	N/A
Hispanic	77.4%	6.5%	12.9%	3.2%	White	0	N/A
White	92.4%	3.6%	3.5%	0.5%			
Other	94.0%	5.9%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHEFFIELD POLICE DEPARTMENT**

Total Stops: 171	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 18.1%			Stops per 1000 18+ residents: N/A			
	Passing through: 81.9%						
All stops				ITP¹ Stops N/A			
Mean age		43.21		Mean age		N/A	
Gender %				Gender %			
Female		32.7%		Female		N/A	
Male		66.7%		Male		N/A	
Non-binary		0.6%		Non-binary		N/A	
Race %				Race %			
AA/Black		2.4%		AA/Black		N/A	
Hispanic		1.8%		Hispanic		N/A	
White		95.2%		White		N/A	
Other		0.6%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.4%	N/A	N/A	AA/Black	2.4%	15.7%	-13.3%
Hispanic	1.8%	N/A	N/A	Hispanic	1.8%	14.7%	-12.9%
White	95.2%	N/A	N/A	White	95.2%	65.5%	29.7%
Other	0.6%	N/A	N/A	Other	0.6%	4.1%	-3.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	8	3.0%	8.6%	NW	N/A	N/A	N/A
White	150	97.0%	91.4%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	25.0%	0.0%	25.0%	NW	0	N/A
Hispanic	33.3%	0.0%	66.7%	0.0%	White	0	N/A
White	38.2%	35.7%	19.1%	7.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.424 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHERBORN POLICE DEPARTMENT**

Total Stops: 691	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		9.7%	Stops per 1000 18+ residents:				N/A
	Passing through:		90.3%					
All stops				ITP¹ Stops (N = 364, 38.2% of stops)				
Mean age		39.26		Mean age		38.92		
Gender %				Gender %				
Female		36.9%		Female		34.2%		
Male		63.1%		Male		65.8%		
Non-binary		0.0%		Non-binary		0.0%		
Race %				Race %				
AA/Black		6.7%		AA/Black		5.7%		
Hispanic		10.7%		Hispanic		12.9%		
White		79.0%		White		78.3%		
Other		3.5%		Other		3.0%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	6.7%	N/A	N/A	AA/Black	6.7%	15.7%	-9.0%	
Hispanic	10.7%	N/A	N/A	Hispanic	10.7%	14.7%	-4.0%	
White	79.0%	N/A	N/A	White	79.0%	65.5%	13.5%	
Other	3.5%	N/A	N/A	Other	3.5%	4.1%	-0.6%	
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	138	22.5%	18.5%	NW	53	24.5%	19.3%	
White	512	77.5%	81.5%	White	182	75.5%	80.7%	
Chi-Square ³ :		.254	<i>not sig.</i>	Chi-Square ³ :		.359	<i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		1.178	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.964	<i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	60.9%	17.4%	15.2%	6.5%	NW	0	N/A	
Hispanic	46.6%	15.1%	38.4%	0.0%	White	3	N/A	
White	74.8%	11.7%	11.5%	2.0%				
Other	87.5%	12.5%	0.0%	0.0%				
Chi-Square ³ :		.000* <i>sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHIRLEY POLICE DEPARTMENT**

Total Stops: 162	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 26.1%			Stops per 1000 18+ residents: 24.1			
	Passing through: 73.9%						
All stops				ITP¹ Stops N/A			
Mean age		39.89		Mean age		N/A	
Gender %				Gender %			
Female		41.4%		Female		N/A	
Male		58.0%		Male		N/A	
Non-binary		0.6%		Non-binary		N/A	
Race %				Race %			
AA/Black		5.8%		AA/Black		N/A	
Hispanic		9.7%		Hispanic		N/A	
White		81.2%		White		N/A	
Other		3.2%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.8%	8.5%	-2.7%	AA/Black	5.8%	15.7%	-9.9%
Hispanic	9.7%	9.8%	-0.1%	Hispanic	9.7%	14.7%	-5.0%
White	81.2%	74.9%	6.3%	White	81.2%	65.5%	15.7%
Other	3.2%	7.1%	-3.9%	Other	3.2%	4.1%	-0.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	29	19.8%	19.0%	NW	N/A	N/A	N/A
White	118	80.2%	81.0%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	77.8%	0.0%	0.0%	22.2%	NW	0	N/A
Hispanic	40.0%	6.7%	53.3%	0.0%	White	1	N/A
White	71.2%	14.4%	11.2%	3.2%			
Other	80.0%	20.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SHREWSBURY POLICE DEPARTMENT**

Total Stops: 614	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		24.3%	Stops per 1000 18+ residents:			
	Passing through:		75.7%	20.8			
All stops				ITP¹ Stops (N = 308, 50.2% of stops)			
Mean age		36.46		Mean age		36.69	
Gender %				Gender %			
Female		29.2%		Female		24.7%	
Male		70.1%		Male		74.0%	
Non-binary		0.7%		Non-binary		1.3%	
Race %				Race %			
AA/Black		17.1%		AA/Black		15.6%	
Hispanic		9.2%		Hispanic		9.3%	
White		65.1%		White		66.8%	
Other		8.5%		Other		8.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	17.1%	3.0%	14.1%	AA/Black	17.1%	15.7%	1.4%
Hispanic	9.2%	4.8%	4.4%	Hispanic	9.2%	14.7%	-5.5%
White	65.1%	69.9%	-4.8%	White	65.1%	65.5%	-0.4%
Other	8.5%	22.8%	-14.3%	Other	8.5%	4.1%	4.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	193	29.5%	42.4%	NW	95	32.9%	34.9%
White	342	70.5%	57.6%	White	186	67.1%	65.1%
Chi-Square ³ :		.002*	<i>sig.</i>	Chi-Square ³ :		.722	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.594*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.863	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.0%	23.0%	4.0%	3.0%	NW	1	N/A
Hispanic	42.6%	42.6%	7.4%	7.4%	White	1	N/A
White	65.9%	22.8%	7.3%	3.9%			
Other	66.0%	28.0%	2.0%	4.0%			
Chi-Square ³ :		.047*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOMERSET POLICE DEPARTMENT**

Total Stops: 1,512	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 32.9%			Stops per 1000 18+ residents: 102.7			
	Passing through: 67.1%						
All stops				ITP¹ Stops (N = 506, 33.5% of stops)			
Mean age		38		Mean age		38.6	
Gender %				Gender %			
Female		38.8%		Female		38.6%	
Male		62.1%		Male		61.4%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		5.1%		AA/Black		4.0%	
Hispanic		3.2%		Hispanic		3.2%	
White		90.5%		White		91.9%	
Other		1.2%		Other		1.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.1%	0.5%	4.6%	AA/Black	5.1%	15.7%	-10.6%
Hispanic	3.2%	0.9%	2.3%	Hispanic	3.2%	14.7%	-11.5%
White	90.5%	97.5%	-7.0%	White	90.5%	65.5%	25.0%
Other	1.2%	0.8%	0.4%	Other	1.2%	4.1%	-2.9%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	139	8.9%	11.2%	NW	37	8.1%	8.6%
White	1,314	91.1%	88.8%	White	410	91.9%	91.4%
Chi-Square ³ :		.174	<i>not sig.</i>	Chi-Square ³ :		.880	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.754	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.934	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	50.6%	20.8%	27.3%	1.3%	NW	0	N/A
Hispanic	37.5%	12.5%	45.8%	4.2%	White	3	N/A
White	64.7%	22.5%	10.8%	2.0%			
Other	77.8%	22.2%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOMERVILLE POLICE DEPARTMENT**

Total Stops: 1,359	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		24.6%	Stops per 1000 18+ residents:			
	Passing through:		75.4%	18.9			
All stops				ITP¹ Stops (N = 317, 23.3% of stops)			
Mean age		41.7		Mean age		41.2	
Gender %				Gender %			
Female		36.0%		Female		35.8%	
Male		63.2%		Male		63.6%	
Non-binary		0.8%		Non-binary		0.6%	
Race %				Race %			
AA/Black		16.7%		AA/Black		14.6%	
Hispanic		11.6%		Hispanic		10.4%	
White		64.9%		White		68.9%	
Other		6.8%		Other		6.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	16.7%	6.2%	10.5%	AA/Black	16.7%	15.7%	1.0%
Hispanic	11.6%	12.4%	-0.8%	Hispanic	11.6%	14.7%	-3.1%
White	64.9%	68.2%	-3.3%	White	64.9%	65.5%	-0.6%
Other	6.8%	14.8%	-8.0%	Other	6.8%	4.1%	2.7%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	440	35.2%	38.0%	NW	89	36.3%	26.4%
White	798	64.8%	62.0%	White	176	63.7%	73.6%
Chi-Square ³ :		.494 <i>not sig.</i>		Chi-Square ³ :		.130 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.947 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.650 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	74.9%	19.6%	5.0%	0.5%	NW	3	N/A
Hispanic	75.0%	19.7%	3.9%	1.3%	White	5	N/A
White	79.7%	17.1%	2.8%	0.4%			
Other	81.1%	16.7%	2.2%	0.0%			
Chi-Square ³ :		.525 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTH HADLEY POLICE DEPARTMENT**

Total Stops: 621	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 31.5%			Stops per 1000 18+ residents: 40.9			
	Passing through: 68.5%						
All stops				ITP¹ Stops (N = 183 29.5% of stops)			
Mean age		38.4		Mean age		35	
Gender %				Gender %			
Female		42.7%		Female		33.3%	
Male		57.0%		Male		66.1%	
Non-binary		0.3%		Non-binary		0.5%	
Race %				Race %			
AA/Black		7.0%		AA/Black		8.2%	
Hispanic		2.9%		Hispanic		2.2%	
White		89.2%		White		88.0%	
Other		1.0%		Other		1.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.0%	1.8%	5.2%	AA/Black	7.0%	15.7%	-8.7%
Hispanic	2.9%	6.4%	-3.5%	Hispanic	2.9%	14.7%	-11.8%
White	89.2%	84.8%	4.4%	White	89.2%	65.5%	23.7%
Other	1.0%	8.2%	-7.2%	Other	1.0%	4.1%	-3.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	64	10.6%	13.3%	NW	22	11.2%	20.5%
White	509	89.4%	86.7%	White	142	88.8%	79.5%
Chi-Square ³ :		.397 <i>not sig.</i>		Chi-Square ³ :		0.136 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.700 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		0.364 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	58.1%	14.0%	27.9%	0.0%	NW	0	N/A
Hispanic	55.6%	22.2%	16.7%	5.6%	White	8	N/A
White	69.1%	8.9%	18.5%	3.4%			
Other	83.3%	0.0%	16.7%	0.0%			
Chi-Square ³ :		.355 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHAMPTON POLICE DEPARTMENT**

Total Stops: 187	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 22.5%			Stops per 1000 18+ residents: 36.5			
	Passing through: 77.5%						
All stops				ITP¹ Stops N/A			
Mean age		39.7		Mean age		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 %				Race %			
AA/Black		3.2%		AA/Black		N/A	
Hispanic		4.9%		Hispanic		N/A	
White		90.8%		White		N/A	
Other		1.1%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.2%	0.4%	2.8%	AA/Black	3.2%	15.7%	-12.5%
Hispanic	4.9%	0.0%	4.9%	Hispanic	4.9%	14.7%	-9.8%
White	90.8%	95.6%	-4.8%	White	90.8%	65.5%	25.3%
Other	1.1%	3.9%	-2.8%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	10.1%	7.7%	NW	N/A	N/A	N/A
White	161	89.9%	92.3%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	83.3%	0.0%	16.7%	0.0%	NW	0	N/A
Hispanic	66.7%	11.1%	11.1%	11.1%	White	1	N/A
White	76.8%	14.9%	7.1%	1.2%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.547 <i>not sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHBOROUGH POLICE DEPARTMENT**

Total Stops: 1,529	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 11.8%			Stops per 1000 18+ residents: 203			
	Passing through: 88.2%						
All stops				ITP¹ Stops (N = 551, 36% of stops)			
Mean age		37.19		Mean age		38.48	
Gender %				Gender %			
Female		33.7%		Female		34.4%	
Male		66.1%		Male		65.6%	
Non-binary		0.1%		Non-binary		0.0%	
Race %				Race %			
AA/Black		12.7%		AA/Black		7.1%	
Hispanic		18.4%		Hispanic		14.7%	
White		57.8%		White		64.9%	
Other		11.1%		Other		13.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	12.7%	0.7%	12.0%	AA/Black	12.7%	15.7%	-3.0%
Hispanic	18.4%	3.9%	14.5%	Hispanic	18.4%	14.7%	3.7%
White	57.8%	79.2%	-21.4%	White	57.8%	65.5%	-7.7%
Other	11.1%	15.5%	-4.4%	Other	11.1%	4.1%	7.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	611	30.5%	52.2%	NW	164	31.9%	38.8%
White	830	69.5%	47.8%	White	309	68.1%	61.2%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.123	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.381*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.863	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.7%	24.4%	11.4%	2.6%	NW	71	N/A
Hispanic	58.7%	21.0%	16.0%	4.3%	White	117	N/A
White	81.7%	11.9%	4.8%	1.6%			
Other	86.4%	10.7%	2.4%	0.6%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHBRIIDGE POLICE DEPARTMENT**

Total Stops: 796	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 58.6%			Stops per 1000 18+ residents: 58.8			
	Passing through: 41.4%						
All stops				ITP¹ Stops (N = 201, 25.3% of stops)			
Mean age		35.07		Mean age		34.52	
Gender %				Gender %			
Female		36.3%		Female		33.8%	
Male		63.1%		Male		66.2%	
Non-binary		0.7%		Non-binary		0.0%	
Race %				Race %			
AA/Black		6.2%		AA/Black		9.0%	
Hispanic		14.3%		Hispanic		16.1%	
White		78.9%		White		73.9%	
Other		0.5%		Other		1.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.2%	3.4%	2.8%	AA/Black	6.2%	15.7%	-9.5%
Hispanic	14.3%	32.9%	-18.6%	Hispanic	14.3%	14.7%	-0.4%
White	78.9%	62.9%	16.0%	White	78.9%	65.5%	13.4%
Other	0.5%	4.8%	-4.3%	Other	0.5%	4.1%	-3.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	146	18.1%	27.9%	NW	44	25.6%	23.5%
White	549	81.9%	72.1%	White	132	74.4%	76.5%
Chi-Square ³ :		.004*	<i>sig.</i>	Chi-Square ³ :		.774	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.643*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.857	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	29.8%	25.5%	42.6%	2.1%	NW	12	N/A
Hispanic	38.9%	12.0%	44.4%	4.6%	White	54	N/A
White	43.3%	24.7%	28.2%	3.9%			
Other	50.0%	25.0%	25.0%	0.0%			
Chi-Square ³ :		.024*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SOUTHWICK POLICE DEPARTMENT**

Total Stops: 397	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 28.7%			Stops per 1000 18+ residents: 50.8			
	Passing through: 71.3%						
All stops				ITP¹ Stops (N = 120, 30.2% of stops)			
Mean age		35.4		Mean age		34.8	
Gender %				Gender %			
Female		32.5%		Female		34.2%	
Male		67.3%		Male		65.8%	
Non-binary		0.3%		Non-binary		0.0%	
Race %				Race %			
AA/Black		5.3%		AA/Black		5.1%	
Hispanic		3.1%		Hispanic		2.5%	
White		91.3%		White		91.5%	
Other		0.3%		Other		0.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.3%	0.1%	5.2%	AA/Black	5.3%	15.7%	-10.4%
Hispanic	3.1%	3.5%	-0.4%	Hispanic	3.1%	14.7%	-11.6%
White	91.3%	92.8%	-1.5%	White	91.3%	65.5%	25.8%
Other	0.3%	3.6%	-3.3%	Other	0.3%	4.1%	-3.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	6.6%	13.6%	NW	110	7.2%	12.2%
White	343	93.4%	86.4%	White	100	92.8%	87.8%
Chi-Square ³ :		.027*	<i>sig.</i>	Chi-Square ³ :		0.383	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.424*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		0.365	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	66.7%	19.0%	14.3%	0.0%	NW	0	N/A
Hispanic	58.3%	16.7%	25.0%	0.0%	White	2	N/A
White	57.1%	26.7%	12.3%	3.9%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.857				Counts	Percent
		<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SPENCER POLICE DEPARTMENT**

Total Stops: 2,308	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 32.2%			Stops per 1000 18+ residents: 230.2			
	Passing through: 67.8%						
All stops				ITP¹ Stops (N = 533, 23.1% of stops)			
Mean age		35.64		Mean age		34.87	
Gender %				Gender %			
Female		42.9%		Female		38.3%	
Male		56.9%		Male		61.3%	
Non-binary		0.1%		Non-binary		0.4%	
Race %				Race %			
AA/Black		4.3%		AA/Black		2.3%	
Hispanic		8.0%		Hispanic		7.1%	
White		86.1%		White		88.5%	
Other		1.6%		Other		2.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.3%	1.0%	3.3%	AA/Black	4.3%	15.7%	-11.4%
Hispanic	8.0%	3.3%	4.7%	Hispanic	8.0%	14.7%	-6.7%
White	86.1%	90.0%	-3.9%	White	86.1%	65.5%	20.6%
Other	1.6%	5.8%	-4.2%	Other	1.6%	4.1%	-2.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	305	11.8%	21.4%	NW	52	11.0%	14.9%
White	1,860	88.2%	78.6%	White	388	89.0%	85.1%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.298	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.459*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.502	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.7%	4.1%	12.2%	1.0%	NW	0	N/A
Hispanic	74.0%	10.5%	13.8%	1.7%	White	0	N/A
White	80.2%	11.6%	6.6%	1.6%			
Other	71.4%	20.0%	8.6%	0.0%			
Chi-Square ³ :		.004* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SPRINGFIELD POLICE DEPARTMENT**

Total Stops: 6,763	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 66.1%			Stops per 1000 18+ residents: 58.5			
	Passing through: 33.9%						
All stops				ITP¹ Stops (N = 2609, 38.6% of stops)			
Mean age		36.5		Mean age		36.7	
Gender %				Gender %			
Female		40.7%		Female		43.8%	
Male		58.4%		Male		55.6%	
Non-binary		1.0%		Non-binary		0.7%	
Race %				Race %			
AA/Black		25.3%		AA/Black		25.1%	
Hispanic		23.4%		Hispanic		25.2%	
White		49.0%		White		48.1%	
Other		1.5%		Other		1.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	25.3%	20.9%	4.4%	AA/Black	25.3%	15.7%	9.6%
Hispanic	23.4%	45.0%	-21.6%	Hispanic	23.4%	14.7%	8.7%
White	49.0%	31.2%	17.8%	White	49.0%	65.5%	-16.5%
Other	1.5%	7.6%	-6.1%	Other	1.5%	4.1%	-2.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,911	49.0%	57.4%	NW	1,257	50.4%	59.1%
White	2,799	51.0%	42.6%	White	1,166	49.6%	40.9%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.001*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.746*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.854	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.1%	31.6%	10.7%	0.6%	NW	20	N/A
Hispanic	60.4%	36.7%	2.0%	0.9%	White	10	N/A
White	57.7%	32.8%	9.2%	0.2%			
Other	52.6%	45.4%	1.0%	1.0%		Counts	Percent
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STERLING POLICE DEPARTMENT**

Total Stops: 202	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 35.1%			Stops per 1000 18+ residents: 32.2			
	Passing through: 64.9%						
All stops				ITP¹ Stops N/A			
Mean age		37.49		Mean age		N/A	
Gender %				Gender %			
Female		34.2%		Female		N/A	
Male		65.3%		Male		N/A	
Non-binary		0.5%		Non-binary		N/A	
Race %				Race %			
AA/Black		2.6%		AA/Black		N/A	
Hispanic		3.6%		Hispanic		N/A	
White		93.9%		White		N/A	
Other		0.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.6%	1.3%	1.3%	AA/Black	2.6%	15.7%	-13.1%
Hispanic	3.6%	5.1%	-1.5%	Hispanic	3.6%	14.7%	-11.1%
White	93.9%	92.4%	1.5%	White	93.9%	65.5%	28.4%
Other	0.0%	1.5%	-1.5%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	12	6.1%	10.7%	NW	N/A	N/A	N/A
White	164	93.9%	89.3%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	80.0%	0.0%	20.0%	0.0%	NW	2	N/A
Hispanic	14.3%	14.3%	57.1%	14.3%	White	1	N/A
White	73.9%	13.0%	9.2%	3.8%			
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ : .003* <i>sig.</i>							

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STOCKBRIDGE POLICE DEPARTMENT**

Total Stops: 318	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		8.2%	Stops per 1000 18+ residents:				N/A
	Passing through:		91.8%					
All stops				ITP¹ Stops (N = 112, 35.2% of stops)				
Mean age		44.14		Mean age		40.36		
Gender %				Gender %				
Female		42.9%		Female		38.4%		
Male		56.5%		Male		60.7%		
Non-binary		0.6%		Non-binary		0.9%		
Race %				Race %				
AA/Black		2.9%		AA/Black		6.5%		
Hispanic		3.2%		Hispanic		4.6%		
White		93.2%		White		88.9%		
Other		0.6%		Other		0.0%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	2.9%	N/A	N/A	AA/Black	2.9%	15.7%	-12.8%	
Hispanic	3.2%	N/A	N/A	Hispanic	3.2%	14.7%	-11.5%	
White	93.2%	N/A	N/A	White	93.2%	65.5%	27.7%	
Other	0.6%	N/A	N/A	Other	0.6%	4.1%	-3.5%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	20	5.0%	13.6%	NW	11	7.8%	23.1%	
White	266	95.0%	86.4%	White	79	92.2%	76.9%	
Chi-Square ³ :		.016*	<i>sig.</i>	Chi-Square ³ :		.045*	<i>sig.</i>	
Odds ratio Exp(B) ⁴ :		.302*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.209	<i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	66.7%	22.2%	11.1%	0.0%	NW	1	N/A	
Hispanic	60.0%	20.0%	20.0%	0.0%	White	1	N/A	
White	76.2%	19.0%	4.1%	0.7%				
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent	
Chi-Square ³ :		.000* <i>sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STONEHAM POLICE DEPARTMENT**

Total Stops: 179	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 29.4%			Stops per 1000 18+ residents: 8.9			
	Passing through: 70.6%						
All stops				ITP¹ Stops N/A			
Mean age		38.7		Mean age		N/A	
Gender %				Gender %			
Female		30.2%		Female		N/A	
Male		68.7%		Male		N/A	
Non-binary		1.1%		Non-binary		N/A	
Race %				Race %			
AA/Black		12.4%		AA/Black		N/A	
Hispanic		6.2%		Hispanic		N/A	
White		79.8%		White		N/A	
Other		1.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	12.4%	3.0%	9.4%	AA/Black	12.4%	15.7%	-3.3%
Hispanic	6.2%	3.3%	2.9%	Hispanic	6.2%	14.7%	-8.5%
White	79.8%	87.7%	-7.9%	White	79.8%	65.5%	14.3%
Other	1.7%	5.6%	-3.9%	Other	1.7%	4.1%	-2.4%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	30	16.4%	25.0%	NW	N/A	N/A	N/A
White	128	83.6%	75.0%	White	N/A	N/A	N/A
Chi-Square ³ :		.203	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.334*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	27.3%	4.5%	68.2%	0.0%	NW	2	N/A
Hispanic	9.1%	0.0%	90.9%	0.0%	White	5	N/A
White	35.9%	14.1%	48.6%	1.4%			
Other	33.3%	0.0%	66.7%	0.0%			
Chi-Square ³ :		.296 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STOUGHTON POLICE DEPARTMENT**

Total Stops: 1,135	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		37.6%	Stops per 1000 18+ residents:			
	Passing through:		62.4%	48.6			
All stops				ITP¹ Stops (N = 321, 28.3% of stops)			
Mean age		38.03		Mean age		38.01	
Gender %				Gender %			
Female		32.3%		Female		34.9%	
Male		66.7%		Male		64.2%	
Non-binary		1.0%		Non-binary		0.9%	
Race %				Race %			
AA/Black		37.7%		AA/Black		33.8%	
Hispanic		5.1%		Hispanic		5.4%	
White		54.5%		White		56.8%	
Other		2.7%		Other		4.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	37.7%	15.0%	22.7%	AA/Black	37.7%	15.7%	22.0%
Hispanic	5.1%	3.8%	1.3%	Hispanic	5.1%	14.7%	-9.6%
White	54.5%	71.5%	-17.0%	White	54.5%	65.5%	-11.0%
Other	2.7%	8.9%	-6.2%	Other	2.7%	4.1%	-1.4%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	464	45.2%	46.5%	NW	125	43.9%	41.0%
White	557	54.8%	53.5%	White	164	56.1%	59.0%
Chi-Square ³ :		.724	<i>not sig.</i>	Chi-Square ³ :		.687	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.922	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.129	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.9%	14.4%	19.0%	0.7%	NW	5	N/A
Hispanic	62.5%	10.7%	23.2%	3.6%	White	1	N/A
White	65.4%	11.6%	19.8%	3.2%			
Other	83.3%	6.7%	10.0%	0.0%			
Chi-Square ³ :		.130 <i>not sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STOW POLICE DEPARTMENT**

Total Stops: 302	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 12.3%			Stops per 1000 18+ residents: 56.5			
	Passing through: 87.7%						
All stops				ITP¹ Stops (N = 140, 46.4% of stops)			
Mean age		38.25		Mean age		38.86	
Gender %				Gender %			
Female		29.5%		Female		28.6%	
Male		68.9%		Male		69.3%	
Non-binary		1.7%		Non-binary		2.1%	
Race %				Race %			
AA/Black		7.1%		AA/Black		6.5%	
Hispanic		5.1%		Hispanic		6.5%	
White		84.1%		White		82.7%	
Other		3.7%		Other		4.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.1%	0.0%	7.1%	AA/Black	7.1%	15.7%	-8.6%
Hispanic	5.1%	2.9%	2.2%	Hispanic	5.1%	14.7%	-9.6%
White	84.1%	88.4%	-4.3%	White	84.1%	65.5%	18.6%
Other	3.7%	5.7%	-2.0%	Other	3.7%	4.1%	-0.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	38	10.9%	20.0%	NW	17	11.5%	18.4%
White	239	89.1%	80.0%	White	108	88.5%	81.6%
Chi-Square ³ :		.043*	<i>sig.</i>	Chi-Square ³ :		.299	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.482*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.289	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	52.4%	28.6%	19.0%	0.0%	NW	0	N/A
Hispanic	26.7%	46.7%	26.7%	0.0%	White	0	N/A
White	68.3%	19.3%	12.0%	0.4%			
Other	81.8%	18.2%	0.0%	0.0%			
Chi-Square ³ :		.093				Counts	Percent
		<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
STURBRIDGE POLICE DEPARTMENT**

Total Stops: 913	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		15.6%	Stops per 1000 18+ residents:			
	Passing through:		84.4%	127.2			
All stops				ITP¹ Stops (N = 308, 33.7% of stops)			
Mean age		37.07		Mean age		35.59	
Gender %				Gender %			
Female		37.0%		Female		36.7%	
Male		62.5%		Male		63.3%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		5.9%		AA/Black		5.6%	
Hispanic		10.7%		Hispanic		9.6%	
White		82.5%		White		83.1%	
Other		0.9%		Other		1.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.9%	0.8%	5.1%	AA/Black	5.9%	15.7%	-9.8%
Hispanic	10.7%	3.0%	7.7%	Hispanic	10.7%	14.7%	-4.0%
White	82.5%	92.2%	-9.7%	White	82.5%	65.5%	17.0%
Other	0.9%	3.4%	-2.5%	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	125	13.7%	22.0%	NW	46	12.1%	21.9%
White	642	86.3%	78.0%	White	231	87.9%	78.1%
Chi-Square ³ :		.004*	<i>sig.</i>	Chi-Square ³ :		.029*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.576*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.497	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.6%	13.2%	28.3%	1.9%	NW	9	N/A
Hispanic	54.7%	6.3%	32.6%	6.3%	White	10	N/A
White	64.5%	17.3%	14.1%	4.1%			
Other	87.5%	12.5%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SUDBURY POLICE DEPARTMENT**

Total Stops: 1,386	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 23.8%			Stops per 1000 18+ residents: 98.2			
	Passing through: 76.2%						
All stops				ITP¹ Stops (N = 644, 46.5% of stops)			
Mean age		38.8		Mean age		39.5	
Gender %				Gender %			
Female		37.3%		Female		38.8%	
Male		62.3%		Male		60.7%	
Non-binary		0.4%		Non-binary		0.5%	
Race %				Race %			
AA/Black		9.3%		AA/Black		7.7%	
Hispanic		10.7%		Hispanic		10.7%	
White		76.2%		White		78.6%	
Other		3.8%		Other		3.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.3%	1.8%	7.5%	AA/Black	9.3%	15.7%	-6.4%
Hispanic	10.7%	2.5%	8.2%	Hispanic	10.7%	14.7%	-4.0%
White	76.2%	82.5%	-6.3%	White	76.2%	65.5%	10.7%
Other	3.8%	13.3%	-9.5%	Other	3.8%	4.1%	-0.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	304	19.7%	31.2%	NW	120	20.9%	23.5%
White	955	80.3%	68.8%	White	430	79.1%	76.5%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.486	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.509*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.653	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	82.4%	8.0%	6.4%	3.2%	NW	0	N/A
Hispanic	61.1%	9.7%	27.8%	1.4%	White	0	N/A
White	86.6%	8.5%	3.9%	1.0%			
Other	78.8%	17.3%	3.8%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SUNDERLAND POLICE DEPARTMENT**

Total Stops: 154	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		6.5%	Stops per 1000 18+ residents:				N/A
	Passing through:		93.5%					
All stops				ITP¹ Stops N/A				
Mean age		37.4		Mean age		N/A		
Gender %				Gender %				
Female		41.6%		Female		N/A		
Male		57.1%		Male		N/A		
Non-binary		1.3%		Non-binary		N/A		
Race %				Race %				
AA/Black		6.7%		AA/Black		N/A		
Hispanic		1.3%		Hispanic		N/A		
White		90.7%		White		N/A		
Other		1.3%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	6.7%	N/A	N/A	AA/Black	6.7%	15.7%	-9.0%	
Hispanic	1.3%	N/A	N/A	Hispanic	1.3%	14.7%	-13.4%	
White	90.7%	N/A	N/A	White	90.7%	65.5%	25.2%	
Other	1.3%	N/A	N/A	Other	1.3%	4.1%	-2.8%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	11	8.4%	6.7%	NW	N/A	N/A	N/A	
White	123	91.6%	93.3%	White	N/A	N/A	N/A	
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest	Search?			
AA/Black	30.0%	10.0%	60.0%	0.0%	NW	0	N/A	
Hispanic	100.0%	0.0%	0.0%	0.0%	White	1	N/A	
White	39.0%	21.3%	36.8%	2.9%				
Other	100.0%	0.0%	0.0%	0.0%				
Chi-Square ³ :		.475 <i>not sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SUTTON POLICE DEPARTMENT**

Total Stops: 404	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 11.6%			Stops per 1000 18+ residents: 55.3			
	Passing through: 88.4%						
All stops				ITP¹ Stops (N = 103, 25.5% of stops)			
Mean age		34		Mean age		34	
Gender %				Gender %			
Female		29.5%		Female		22.3%	
Male		70.0%		Male		77.7%	
Non-binary		0.5%		Non-binary		0.0%	
Race %				Race %			
AA/Black		12.7%		AA/Black		7.8%	
Hispanic		14.2%		Hispanic		16.5%	
White		71.6%		White		73.8%	
Other		1.5%		Other		1.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	12.7%	2.2%	10.5%	AA/Black	12.7%	15.7%	-3.0%
Hispanic	14.2%	1.6%	12.6%	Hispanic	14.2%	14.7%	-0.5%
White	71.6%	92.3%	-20.7%	White	71.6%	65.5%	6.1%
Other	1.5%	3.8%	-2.3%	Other	1.5%	4.1%	-2.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104	28.4%	27.2%	NW	21	25.5%	20.9%
White	268	71.6%	72.8%	White	69	74.5%	79.1%
Chi-Square ³ :		.795 <i>not sig.</i>		Chi-Square ³ :		.606 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		1.106 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.245 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	41.2%	21.6%	29.4%	7.8%	NW	0	N/A
Hispanic	29.8%	21.1%	40.4%	8.8%	White	4	N/A
White	48.4%	16.7%	27.5%	7.3%			
Other	66.7%	0.0%	33.3%	0.0%			
Chi-Square ³ :		.374 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SWAMPSCOTT POLICE DEPARTMENT**

Total Stops: 1,541	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		17.7%	Stops per 1000 18+ residents:			
	Passing through:		82.3%	129.5			
All stops				ITP¹ Stops (N = 434, 28.2% of stops)			
Mean age		40		Mean age		40.6	
Gender %				Gender %			
Female		38.5%		Female		38.6%	
Male		60.5%		Male		61.2%	
Non-binary		1.0%		Non-binary		0.2%	
Race %				Race %			
AA/Black		11.2%		AA/Black		9.6%	
Hispanic		20.5%		Hispanic		20.7%	
White		65.0%		White		65.9%	
Other		3.3%		Other		3.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.2%	1.5%	9.7%	AA/Black	11.2%	15.7%	-4.5%
Hispanic	20.5%	2.5%	18.0%	Hispanic	20.5%	14.7%	5.8%
White	65.0%	91.7%	-26.7%	White	65.0%	65.5%	-0.5%
Other	3.3%	4.3%	-1.0%	Other	3.3%	4.1%	-0.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	495	26.5%	47.1%	NW	122	34.1%	32.0%
White	933	73.5%	52.9%	White	245	65.9%	68.0%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.673	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.402*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.961	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.6%	18.5%	11.3%	0.6%	NW	3	N/A
Hispanic	55.7%	22.1%	19.9%	2.3%	White	3	N/A
White	75.8%	16.9%	6.6%	0.7%			
Other	83.7%	12.2%	2.0%	2.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
SWANSEA POLICE DEPARTMENT**

Total Stops: 580	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 30.3%			Stops per 1000 18+ residents: 42			
	Passing through: 69.7%						
All stops				ITP¹ Stops (N = 267, 46% of stops)			
Mean age		38.95		Mean age		38.78	
Gender %				Gender %			
Female		37.7%		Female		37.8%	
Male		61.8%		Male		62.2%	
Non-binary		0.5%		Non-binary		0.0%	
Race %				Race %			
AA/Black		3.7%		AA/Black		1.1%	
Hispanic		1.2%		Hispanic		0.4%	
White		95.1%		White		98.5%	
Other		0.0%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.7%	0.2%	3.5%	AA/Black	3.7%	15.7%	-12.0%
Hispanic	1.2%	0.5%	0.7%	Hispanic	1.2%	14.7%	-13.5%
White	95.1%	96.4%	-1.3%	White	95.1%	65.5%	29.6%
Other	0.0%	2.8%	-2.8%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	3.6%	8.5%	NW	4	2.2%	0.0%
White	501	96.4%	91.5%	White	234	97.8%	100.0%
Chi-Square ³ :		.022*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.405*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	71.4%	0.0%	28.6%	0.0%	NW	0	N/A
Hispanic	57.1%	0.0%	28.6%	14.3%	White	2	N/A
White	83.3%	8.4%	6.8%	1.5%			
Other	0.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TAUNTON POLICE DEPARTMENT**

Total Stops: 1,391	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 50.3%			Stops per 1000 18+ residents: 31.3			
	Passing through: 49.7%						
All stops				ITP¹ Stops (N = 324, 23.3% of stops)			
Mean age		39.5		Mean age		35.6	
Gender %				Gender %			
Female		41.7%		Female		39.5%	
Male		56.5%		Male		56.2%	
Non-binary		1.8%		Non-binary		4.3%	
Race %				Race %			
AA/Black		15.1%		AA/Black		15.2%	
Hispanic		2.4%		Hispanic		5.3%	
White		82.0%		White		79.1%	
Other		0.5%		Other		0.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	15.1%	8.8%	6.3%	AA/Black	15.1%	15.7%	-0.6%
Hispanic	2.4%	9.0%	-6.6%	Hispanic	2.4%	14.7%	-12.3%
White	82.0%	75.0%	7.0%	White	82.0%	65.5%	16.5%
Other	0.5%	5.9%	-5.4%	Other	0.5%	4.1%	-3.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	223	17.6%	19.9%	NW	57	19.9%	24.5%
White	1,016	82.4%	80.1%	White	207	80.1%	75.5%
Chi-Square ³ :		.422	<i>not sig.</i>	Chi-Square ³ :		.379	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.891	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.844	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.4%	7.9%	14.8%	3.0%	NW	2	N/A
Hispanic	65.6%	12.5%	21.9%	0.0%	White	4	N/A
White	79.1%	8.0%	11.0%	1.9%			
Other	85.7%	14.3%	0.0%	0.0%			
Chi-Square ³ :		.370	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TEMPLETON POLICE DEPARTMENT**

Total Stops: 452	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 14.6%			Stops per 1000 18+ residents: 69.3			
	Passing through: 85.4%						
All stops				ITP¹ Stops (N = 171, 37.8% of stops)			
Mean age		36.71		Mean age		34.44	
Gender %				Gender %			
Female		39.7%		Female		31.6%	
Male		59.6%		Male		68.4%	
Non-binary		0.7%		Non-binary		0.0%	
Race %				Race %			
AA/Black		2.0%		AA/Black		3.5%	
Hispanic		2.9%		Hispanic		1.2%	
White		94.8%		White		95.3%	
Other		0.2%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	2.0%	0.0%	2.0%	AA/Black	2.0%	15.7%	-13.7%
Hispanic	2.9%	2.9%	0.0%	Hispanic	2.9%	14.7%	-11.8%
White	94.8%	94.6%	0.2%	White	94.8%	65.5%	29.3%
Other	0.2%	2.5%	-2.3%	Other	0.2%	4.1%	-3.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	4.9%	6.0%	NW	7	6.3%	0.0%
White	392	95.1%	94.0%	White	140	93.7%	100.0%
Chi-Square ³ :		.685 <i>not sig.</i>		Chi-Square ³ :		N/A N/A	
Odds ratio Exp(B) ⁴ :		.798 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		N/A N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	66.7%	22.2%	11.1%	0.0%	NW	3	N/A
Hispanic	38.5%	7.7%	38.5%	15.4%	White	3	N/A
White	61.7%	25.2%	12.4%	0.7%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TEWKSBURY POLICE DEPARTMENT**

Total Stops: 1,315	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		26.8%	Stops per 1000 18+ residents:			
	Passing through:		73.2%	52.3			
All stops				ITP¹ Stops (N = 342, 26% of stops)			
Mean age		38.37		Mean age		38.72	
Gender %				Gender %			
Female		37.1%		Female		34.2%	
Male		62.5%		Male		65.5%	
Non-binary		0.4%		Non-binary		0.3%	
Race %				Race %			
AA/Black		9.1%		AA/Black		9.1%	
Hispanic		9.3%		Hispanic		7.7%	
White		77.8%		White		79.9%	
Other		3.8%		Other		3.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.1%	2.4%	6.7%	AA/Black	9.1%	15.7%	-6.6%
Hispanic	9.3%	2.2%	7.1%	Hispanic	9.3%	14.7%	-5.4%
White	77.8%	90.1%	-12.3%	White	77.8%	65.5%	12.3%
Other	3.8%	5.2%	-1.4%	Other	3.8%	4.1%	-0.3%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	264	22.0%	21.8%	NW	56	19.4%	18.7%
White	939	78.0%	78.2%	White	239	80.6%	81.3%
Chi-Square ³ :		.917 <i>not sig.</i>		Chi-Square ³ :		.878 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		1.118 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.218 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	88.9%	4.3%	1.7%	5.1%	NW	2	N/A
Hispanic	84.2%	5.8%	3.3%	6.7%	White	8	N/A
White	82.8%	7.3%	3.1%	6.8%			
Other	93.9%	6.1%	0.0%	0.0%			
Chi-Square ³ :		.470 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TISBURY POLICE DEPARTMENT**

Total Stops: 478	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		42.2%	Stops per 1000 18+ residents:			
	Passing through:		57.8%	N/A			
All stops				ITP¹ Stops (N =213, 44.6% of stops)			
Mean age		39.84		Mean age		38.65	
Gender %				Gender %			
Female		35.1%		Female		42.3%	
Male		63.4%		Male		56.3%	
Non-binary		1.5%		Non-binary		1.4%	
Race %				Race %			
AA/Black		8.3%		AA/Black		6.6%	
Hispanic		4.6%		Hispanic		4.4%	
White		86.2%		White		88.0%	
Other		0.9%		Other		1.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	8.3%	N/A	N/A	AA/Black	8.3%	15.7%	-7.4%
Hispanic	4.6%	N/A	N/A	Hispanic	4.6%	14.7%	-10.1%
White	86.2%	N/A	N/A	White	86.2%	65.5%	20.7%
Other	0.9%	N/A	N/A	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	56	11.6%	22.1%	NW	20	11.9%	13.8%
White	340	88.4%	77.9%	White	143	88.1%	86.2%
Chi-Square ³ :		.011*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.406*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	38.9%	19.4%	38.9%	2.8%	NW	1	N/A
Hispanic	30.0%	15.0%	30.0%	25.0%	White	3	N/A
White	58.3%	14.4%	19.3%	8.0%			
Other	25.0%	50.0%	25.0%	0.0%			
Chi-Square ³ :		.004*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TOPSFIELD POLICE DEPARTMENT**

Total Stops: 265	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 7.2%			Stops per 1000 18+ residents: 54.1			
	Passing through: 92.8%						
All stops				ITP¹ Stops N/A			
Mean age		37.5		Mean age		N/A	
Gender %				Gender %			
Female		32.2%		Female		N/A	
Male		66.3%		Male		N/A	
Non-binary		1.5%		Non-binary		N/A	
Race %				Race %			
AA/Black		1.9%		AA/Black		N/A	
Hispanic		12.7%		Hispanic		N/A	
White		85.0%		White		N/A	
Other		0.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	1.9%	0.1%	1.8%	AA/Black	1.9%	15.7%	-13.8%
Hispanic	12.7%	1.7%	11.0%	Hispanic	12.7%	14.7%	-2.0%
White	85.0%	94.8%	-9.8%	White	85.0%	65.5%	19.5%
Other	0.4%	3.4%	-3.0%	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	38	14.8%	17.7%	NW	N/A	N/A	N/A
White	203	85.2%	82.3%	White	N/A	N/A	N/A
Chi-Square ³ :		.561 <i>not sig.</i>		Chi-Square ³ :		N/A N/A	
Odds ratio Exp(B) ⁴ :		.774 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		N/A N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	20.0%	20.0%	60.0%	0.0%	NW	0	N/A
Hispanic	27.3%	15.2%	51.5%	6.1%	White	0	N/A
White	59.3%	15.4%	17.6%	7.7%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.002* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TOWNSEND POLICE DEPARTMENT**

Total Stops: 352	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 29.8%			Stops per 1000 18+ residents: 47			
	Passing through: 70.2%						
All stops				ITP¹ Stops (N = 177, 50.3% of stops)			
Mean age		34.65		Mean age		34.35	
Gender %				Gender %			
Female		32.4%		Female		32.2%	
Male		67.3%		Male		67.8%	
Non-binary		0.3%		Non-binary		0.0%	
Race %				Race %			
AA/Black		3.7%		AA/Black		4.5%	
Hispanic		5.1%		Hispanic		5.6%	
White		90.0%		White		88.1%	
Other		1.1%		Other		1.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.7%	0.9%	2.8%	AA/Black	3.7%	15.7%	-12.0%
Hispanic	5.1%	3.2%	1.9%	Hispanic	5.1%	14.7%	-9.6%
White	90.0%	94.4%	-4.4%	White	90.0%	65.5%	24.5%
Other	1.1%	1.6%	-0.5%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	32	10.5%	9.2%	NW	18	12.6%	8.2%
White	287	89.5%	90.8%	White	142	87.4%	91.8%
Chi-Square ³ :		.714	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		1.019	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	23.1%	53.8%	23.1%	0.0%	NW	0	N/A
Hispanic	38.9%	38.9%	22.2%	0.0%	White	0	N/A
White	44.0%	34.8%	15.5%	5.7%			
Other	25.0%	75.0%	0.0%	0.0%			
Chi-Square ³ :		.518	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TRURO POLICE DEPARTMENT**

Total Stops: 99	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		3.0%	Stops per 1000 18+ residents:				N/A
	Passing through:		97.0%					
All stops				ITP¹ Stops N/A				
Mean age		36.7		Mean age		N/A		
Gender %				Gender %				
Female		27.3%		Female		N/A		
Male		72.7%		Male		N/A		
Non-binary		0.0%		Non-binary		N/A		
Race %				Race %				
AA/Black		14.3%		AA/Black		N/A		
Hispanic		5.1%		Hispanic		N/A		
White		74.5%		White		N/A		
Other		6.1%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	14.3%	N/A	N/A	AA/Black	14.3%	15.7%	-1.4%	
Hispanic	5.1%	N/A	N/A	Hispanic	5.1%	14.7%	-9.6%	
White	74.5%	N/A	N/A	White	74.5%	65.5%	9.0%	
Other	6.1%	N/A	N/A	Other	6.1%	4.1%	2.0%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	23	25.0%	26.9%	NW	N/A	N/A	N/A	
White	67	75.0%	73.1%	White	N/A	N/A	N/A	
Chi-Square ³ :		.850	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		1.158	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	21.4%	50.0%	21.4%	7.1%	NW	0	N/A	
Hispanic	0.0%	40.0%	20.0%	40.0%	White	1	N/A	
White	6.8%	47.9%	31.5%	13.7%				
Other	16.7%	66.7%	16.7%	0.0%				
Chi-Square ³ :		.454	<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
TYNGSBOROUGH POLICE DEPARTMENT**

Total Stops: 154	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 22.7%			Stops per 1000 18+ residents: 15.3			
	Passing through: 77.3%						
All stops				ITP¹ Stops N/A			
Mean age		34.6		Mean age		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 %				Race %			
AA/Black		5.3%		AA/Black		N/A	
Hispanic		6.0%		Hispanic		N/A	
White		80.8%		White		N/A	
Other		7.9%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	5.3%	0.9%	4.4%	AA/Black	5.3%	15.7%	-10.4%
Hispanic	6.0%	4.5%	1.5%	Hispanic	6.0%	14.7%	-8.7%
White	80.8%	83.6%	-2.8%	White	80.8%	65.5%	15.3%
Other	7.9%	10.9%	-3.0%	Other	7.9%	4.1%	3.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	27	15.5%	26.2%	NW	N/A	N/A	N/A
White	105	84.5%	73.8%	White	N/A	N/A	N/A
Chi-Square ³ :		.127	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.490	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	2	N/A
Hispanic	67.7%	22.2%	11.1%	0.0%	White	10	N/A
White	68.9%	13.1%	7.4%	10.7%			
Other	75.0%	25.0%	0.0%	0.0%			
Chi-Square ³ :		.480	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
UPTON POLICE DEPARTMENT**

Total Stops: 577	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		12.7%	Stops per 1000 18+ residents:			
	Passing through:		87.3%	95.1			
All stops				ITP¹ Stops (N = 266, 46.1% of stops)			
Mean age		36.94		Mean age		37.91	
Gender %				Gender %			
Female		37.3%		Female		36.3%	
Male		62.3%		Male		63.4%	
Non-binary		0.4%		Non-binary		0.4%	
Race %				Race %			
AA/Black		4.2%		AA/Black		2.3%	
Hispanic		8.8%		Hispanic		9.5%	
White		82.1%		White		83.7%	
Other		4.9%		Other		4.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	4.2%	7.6%	-3.4%	AA/Black	4.2%	15.7%	-11.5%
Hispanic	8.8%	3.6%	5.2%	Hispanic	8.8%	14.7%	-5.9%
White	82.1%	80.2%	1.9%	White	82.1%	65.5%	16.6%
Other	4.9%	9.4%	-4.5%	Other	4.9%	4.1%	0.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	92	14.0%	20.7%	NW	34	11.2%	18.0%
White	433	86.0%	79.3%	White	188	88.8%	82.0%
Chi-Square ³ :		.043*	<i>sig.</i>	Chi-Square ³ :		.167	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.618*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.395	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.7%	25.0%	8.3%	0.0%	NW	1	N/A
Hispanic	42.0%	22.0%	36.0%	0.0%	White	4	N/A
White	66.7%	17.5%	10.9%	4.9%			
Other	71.4%	25.0%	3.6%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
UXBRIDGE POLICE DEPARTMENT**

Total Stops: 301	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 26.0%			Stops per 1000 18+ residents: 27.1			
	Passing through: 74.0%						
All stops				ITP¹ Stops N/A			
Mean age		35.2		Mean age		N/A	
Gender %				Gender %			
Female		33.6%		Female		N/A	
Male		65.8%		Male		N/A	
Non-binary		0.7%		Non-binary		N/A	
Race %				Race %			
AA/Black		4.7%		AA/Black		N/A	
Hispanic		3.0%		Hispanic		N/A	
White		90.6%		White		N/A	
Other		1.7%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.7%	1.9%	2.8%	AA/Black	4.7%	15.7%	-11.0%
Hispanic	3.0%	1.7%	1.3%	Hispanic	3.0%	14.7%	-11.7%
White	90.6%	94.9%	-4.3%	White	90.6%	65.5%	25.1%
Other	1.7%	1.4%	0.3%	Other	1.7%	4.1%	-2.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	6.1%	13.5%	NW	N/A	N/A	N/A
White	250	93.9%	86.5%	White	N/A	N/A	N/A
Chi-Square ³ :		.045*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.429	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	28.6%	28.6%	35.7%	7.1%	NW	0	N/A
Hispanic	11.1%	33.3%	44.4%	11.1%	White	1	N/A
White	44.8%	18.5%	29.6%	7.0%			
Other	60.0%	0.0%	40.0%	0.0%			
Chi-Square ³ :		.595		<i>not sig.</i>		Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WAKEFIELD POLICE DEPARTMENT**

Total Stops: 455	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 31.4%			Stops per 1000 18+ residents: 20.8			
	Passing through: 68.6%						
All stops				ITP¹ Stops (N = 237, 52.1% of stops)			
Mean age		39.41		Mean age		39.8	
Gender %				Gender %			
Female		29.9%		Female		30.4%	
Male		69.7%		Male		68.8%	
Non-binary		0.4%		Non-binary		0.8%	
Race %				Race %			
AA/Black		4.2%		AA/Black		3.8%	
Hispanic		2.7%		Hispanic		3.0%	
White		89.8%		White		87.6%	
Other		3.3%		Other		5.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.2%	1.8%	2.4%	AA/Black	4.2%	15.7%	-11.5%
Hispanic	2.7%	3.5%	-0.8%	Hispanic	2.7%	14.7%	-12.0%
White	89.8%	91.0%	-1.2%	White	89.8%	65.5%	24.3%
Other	3.3%	3.8%	-0.5%	Other	3.3%	4.1%	-0.8%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	41	11.8%	9.0%	NW	25	14.7%	10.0%
White	358	88.2%	91.0%	White	174	85.3%	90.0%
Chi-Square ³ :		.358	<i>not sig.</i>	Chi-Square ³ :		.322	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.519	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		2.695	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	68.4%	5.3%	15.8%	10.5%	NW	0	N/A
Hispanic	66.7%	16.7%	8.3%	8.3%	White	2	N/A
White	75.7%	11.7%	8.7%	4.0%			
Other	66.7%	26.7%	6.7%	0.0%			
Chi-Square ³ :		.522	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WALPOLE POLICE DEPARTMENT**

Total Stops: 3,456	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 24.4%			Stops per 1000 18+ residents: 184.6			
	Passing through: 75.6%						
All stops				ITP¹ Stops (N = 1,194, 34.5% of stops)			
Mean age		41.43		Mean age		40.02	
Gender %				Gender %			
Female		42.2%		Female		38.9%	
Male		57.4%		Male		60.8%	
Non-binary		0.4%		Non-binary		0.3%	
Race %				Race %			
AA/Black		8.9%		AA/Black		9.8%	
Hispanic		3.8%		Hispanic		5.2%	
White		85.2%		White		82.2%	
Other		2.1%		Other		2.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.9%	2.1%	6.8%	AA/Black	8.9%	15.7%	-6.8%
Hispanic	3.8%	7.9%	-4.1%	Hispanic	3.8%	14.7%	-10.9%
White	85.2%	82.2%	3.0%	White	85.2%	65.5%	19.7%
Other	2.1%	7.0%	-4.9%	Other	2.1%	4.1%	-2.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	462	12.3%	22.0%	NW	185	18.5%	17.3%
White	2,680	87.7%	78.0%	White	837	81.5%	82.7%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.636	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.509*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.087	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	84.7%	3.3%	8.7%	3.3%	NW	6	N/A
Hispanic	80.3%	3.9%	14.2%	1.6%	White	9	N/A
White	94.4%	1.8%	2.8%	0.9%			
Other	94.3%	2.9%	1.4%	1.4%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WALTHAM POLICE DEPARTMENT**

Total Stops: 1,520	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		42.8%	Stops per 1000 18+ residents:			
	Passing through:		57.2%	28.2			
All stops				ITP¹ Stops (N = 469, 30.9% of stops)			
Mean age		40.67		Mean age		40.28	
Gender %				Gender %			
Female		38.3%		Female		38.8%	
Male		60.9%		Male		60.8%	
Non-binary		0.8%		Non-binary		0.4%	
Race %				Race %			
AA/Black		14.5%		AA/Black		15.0%	
Hispanic		11.0%		Hispanic		13.2%	
White		67.6%		White		62.0%	
Other		6.9%		Other		9.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	14.5%	7.1%	7.4%	AA/Black	14.5%	15.7%	-1.2%
Hispanic	11.0%	13.6%	-2.6%	Hispanic	11.0%	14.7%	-3.7%
White	67.6%	65.9%	1.7%	White	67.6%	65.5%	2.1%
Other	6.9%	15.9%	-9.0%	Other	6.9%	4.1%	2.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	441	28.8%	46.2%	NW	155	35.5%	42.6%
White	931	71.2%	53.8%	White	252	64.5%	57.4%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.159	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.488*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.700	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	73.6%	11.1%	13.4%	1.9%	NW	0	N/A
Hispanic	55.5%	9.8%	28.0%	6.7%	White	1	N/A
White	87.0%	6.3%	6.2%	0.4%			
Other	83.5%	14.6%	1.9%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WARE POLICE DEPARTMENT**

Total Stops: 329	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 39.8%			Stops per 1000 18+ residents: 42.4			
	Passing through: 60.2%						
All stops				ITP¹ Stops (N = 115, 35% of stops)			
Mean age		36.81		Mean age		37.15	
Gender %				Gender %			
Female		32.2%		Female		25.2%	
Male		67.8%		Male		74.8%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		10.0%		AA/Black		4.5%	
Hispanic		5.8%		Hispanic		6.3%	
White		84.2%		White		89.2%	
Other		0.0%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	10.0%	1.3%	8.7%	AA/Black	10.0%	15.7%	-5.7%
Hispanic	5.8%	7.7%	-1.9%	Hispanic	5.8%	14.7%	-8.9%
White	84.2%	89.3%	-5.1%	White	84.2%	65.5%	18.7%
Other	0.0%	2.6%	-2.6%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	42	8.6%	20.4%	NW	9	10.4%	8.3%
White	244	91.4%	79.6%	White	87	89.6%	91.7%
Chi-Square ³ :		.005*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.273*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	16.1%	22.6%	22.6%	38.7%	NW	2	N/A
Hispanic	22.2%	33.3%	38.9%	5.6%	White	1	N/A
White	45.2%	26.8%	13.0%	14.9%			
Other	0.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WAREHAM POLICE DEPARTMENT**

Total Stops: 364	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 22.5%			Stops per 1000 18+ residents: 19.5			
	Passing through: 77.5%						
All stops				ITP¹ Stops (N = 113, 31% of stops)			
Mean age		36.48		Mean age		34.12	
Gender %				Gender %			
Female		32.4%		Female		32.7%	
Male		64.3%		Male		63.7%	
Non-binary		3.3%		Non-binary		3.5%	
Race %				Race %			
AA/Black		19.7%		AA/Black		21.3%	
Hispanic		2.1%		Hispanic		2.8%	
White		77.6%		White		75.0%	
Other		0.6%		Other		0.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	19.7%	2.7%	17.0%	AA/Black	19.7%	15.7%	4.0%
Hispanic	2.1%	3.6%	-1.5%	Hispanic	2.1%	14.7%	-12.6%
White	77.6%	84.5%	-6.9%	White	77.6%	65.5%	12.1%
Other	0.6%	6.3%	-5.7%	Other	0.6%	4.1%	-3.5%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	22.0%	25.3%	NW	26	25.4%	28.1%
White	230	78.0%	74.7%	White	73	74.6%	71.9%
Chi-Square ³ :		.530	<i>not sig.</i>	Chi-Square ³ :		.771	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.745	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.607	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	27.4%	18.2%	43.9%	10.6%	NW	1	N/A
Hispanic	28.6%	28.6%	14.3%	28.6%	White	4	N/A
White	34.2%	21.9%	35.8%	8.1%			
Other	50.0%	50.0%	0.0%	0.0%			
Chi-Square ³ :		.477	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WARREN POLICE DEPARTMENT**

Total Stops: 269	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 25.7%			Stops per 1000 18+ residents: 66.6			
	Passing through: 74.3%						
All stops				ITP¹ Stops (N = 115, 42.8% of stops)			
Mean age		36.53		Mean age		37.47	
Gender %				Gender %			
Female		36.8%		Female		37.4%	
Male		62.8%		Male		62.6%	
Non-binary		0.4%		Non-binary		0.0%	
Race %				Race %			
AA/Black		4.2%		AA/Black		6.3%	
Hispanic		4.6%		Hispanic		5.4%	
White		90.9%		White		87.4%	
Other		0.4%		Other		0.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.2%	0.6%	3.6%	AA/Black	4.2%	15.7%	-11.5%
Hispanic	4.6%	1.2%	3.4%	Hispanic	4.6%	14.7%	-10.1%
White	90.9%	95.6%	-4.7%	White	90.9%	65.5%	25.4%
Other	0.4%	2.5%	-2.1%	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	9.0%	9.9%	NW	12	11.4%	13.1%
White	202	91.0%	90.1%	White	84	88.6%	86.9%
Chi-Square ³ :		.822	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.735	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	54.5%	27.3%	18.2%	0.0%	NW	0	N/A
Hispanic	83.3%	16.7%	0.0%	0.0%	White	1	N/A
White	70.7%	13.0%	15.5%	0.8%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.846	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WATERTOWN POLICE DEPARTMENT**

Total Stops: 499	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		19.4%	Stops per 1000 18+ residents:			
	Passing through:		80.6%	16.4			
All stops				ITP¹ Stops (N = 256, 51.3% of stops)			
Mean age		40.2		Mean age		41.14	
Gender %				Gender %			
Female		35.2%		Female		40.2%	
Male		64.2%		Male		59.1%	
Non-binary		0.6%		Non-binary		0.8%	
Race %				Race %			
AA/Black		16.1%		AA/Black		12.7%	
Hispanic		10.8%		Hispanic		10.7%	
White		63.5%		White		65.1%	
Other		9.6%		Other		11.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	16.1%	1.6%	14.5%	AA/Black	16.1%	15.7%	0.4%
Hispanic	10.8%	9.2%	1.6%	Hispanic	10.8%	14.7%	-3.9%
White	63.5%	76.4%	-12.9%	White	63.5%	65.5%	-2.0%
Other	9.6%	12.7%	-3.1%	Other	9.6%	4.1%	5.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	171	33.0%	44.4%	NW	84	34.8%	38.0%
White	291	67.0%	55.6%	White	148	65.2%	62.0%
Chi-Square ³ :		.015*	<i>sig.</i>	Chi-Square ³ :		.621	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.648*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.936	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.3%	16.5%	16.5%	3.8%	NW	4	N/A
Hispanic	56.6%	17.0%	18.9%	7.5%	White	4	N/A
White	68.8%	22.5%	7.4%	1.3%			
Other	59.6%	38.3%	0.0%	2.1%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WAYLAND POLICE DEPARTMENT**

Total Stops: 148	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.6%			Stops per 1000 18+ residents: 14.6			
	Passing through: 82.4%						
All stops				ITP1 Stops N/A			
Mean age		44.06		Mean age		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 %				Race %			
AA/Black		7.6%		AA/Black		N/A	
Hispanic		2.8%		Hispanic		N/A	
White		77.2%		White		N/A	
Other		12.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	7.6%	0.7%	6.9%	AA/Black	7.6%	15.7%	-8.1%
Hispanic	2.8%	4.8%	-2.0%	Hispanic	2.8%	14.7%	-11.9%
White	77.2%	79.6%	-2.4%	White	77.2%	65.5%	11.7%
Other	12.4%	15.0%	-2.6%	Other	12.4%	4.1%	8.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	24	23.6%	15.0%	NW	N/A	N/A	N/A
White	85	76.4%	85.0%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.7%	0.0%	27.3%	0.0%	NW	0	N/A
Hispanic	100.0%	0.0%	0.0%	0.0%	White	1	N/A
White	75.9%	13.4%	9.8%	0.9%			
Other	94.4%	5.6%	0.0%	0.0%			
Chi-Square ³ :		.381		not sig.		Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEBSTER POLICE DEPARTMENT**

Total Stops: 1,249	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 38.7%			Stops per 1000 18+ residents: 92.5			
	Passing through: 61.3%						
All stops				ITP¹ Stops (N = 482, 38.6% of stops)			
Mean age		36.4		Mean age		36.42	
Gender %				Gender %			
Female		36.0%		Female		35.6%	
Male		63.6%		Male		63.8%	
Non-binary		0.4%		Non-binary		0.6%	
Race %				Race %			
AA/Black		7.0%		AA/Black		6.9%	
Hispanic		14.9%		Hispanic		16.9%	
White		76.3%		White		74.3%	
Other		1.8%		Other		1.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.0%	4.9%	2.1%	AA/Black	7.0%	15.7%	-8.7%
Hispanic	14.9%	12.1%	2.8%	Hispanic	14.9%	14.7%	0.2%
White	76.3%	80.0%	-3.7%	White	76.3%	65.5%	10.8%
Other	1.8%	4.1%	-2.3%	Other	1.8%	4.1%	-2.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	284	23.3%	25.4%	NW	116	28.0%	22.9%
White	893	76.7%	74.6%	White	324	72.0%	77.1%
Chi-Square ³ :		.406 <i>not sig.</i>		Chi-Square ³ :		.252 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.849 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.947 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	43.7%	5.7%	43.7%	6.9%	NW	7	N/A
Hispanic	37.5%	8.2%	47.8%	6.5%	White	8	N/A
White	59.5%	9.4%	23.2%	7.9%			
Other	59.1%	27.3%	13.6%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WELLESLEY POLICE DEPARTMENT**

Total Stops: 1,916	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		14.2%	Stops per 1000 18+ residents:			
	Passing through:		85.8%	89.1			
All stops				ITP¹ Stops (N = 642, 33.5% of stops)			
Mean age		38.16		Mean age		38.48	
Gender %				Gender %			
Female		35.7%		Female		37.5%	
Male		64.1%		Male		62.1%	
Non-binary		0.2%		Non-binary		0.3%	
Race %				Race %			
AA/Black		15.0%		AA/Black		14.5%	
Hispanic		9.1%		Hispanic		10.1%	
White		68.1%		White		67.1%	
Other		7.8%		Other		8.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	15.0%	2.9%	12.1%	AA/Black	15.0%	15.7%	-0.7%
Hispanic	9.1%	5.1%	4.0%	Hispanic	9.1%	14.7%	-5.6%
White	68.1%	76.6%	-8.5%	White	68.1%	65.5%	2.6%
Other	7.8%	15.9%	-8.1%	Other	7.8%	4.1%	3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	569	25.4%	43.1%	NW	181	30.7%	34.6%
White	1,230	74.6%	56.9%	White	378	69.3%	65.4%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.334	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.441*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.715	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	73.5%	15.5%	8.1%	2.8%	NW	2	N/A
Hispanic	72.1%	16.9%	9.3%	1.7%	White	1	N/A
White	79.8%	13.3%	4.9%	2.0%			
Other	79.5%	17.8%	2.1%	0.7%			
Chi-Square ³ :		.021*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WELLFLEET POLICE DEPARTMENT**

Total Stops: 312	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 7.1%			Stops per 1000 18+ residents: N/A			
	Passing through: 92.9%						
All stops				ITP¹ Stops N/A			
Mean age		39.2		Mean age		N/A	
Gender %				Gender %			
Female		31.4%		Female		N/A	
Male		67.3%		Male		N/A	
Non-binary		1.3%		Non-binary		N/A	
Race %				Race %			
AA/Black		9.5%		AA/Black		N/A	
Hispanic		1.3%		Hispanic		N/A	
White		87.3%		White		N/A	
Other		2.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.5%	N/A	N/A	AA/Black	9.5%	15.7%	-6.2%
Hispanic	1.3%	N/A	N/A	Hispanic	1.3%	14.7%	-13.4%
White	87.3%	N/A	N/A	White	87.3%	65.5%	21.8%
Other	2.0%	N/A	N/A	Other	2.0%	4.1%	-2.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	12.0%	13.5%	NW	N/A	N/A	N/A
White	247	88.0%	86.5%	White	N/A	N/A	N/A
Chi-Square ³ :		.738	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.694	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	82.8%	10.3%	6.9%	0.0%	NW	0	N/A
Hispanic	75.0%	25.0%	0.0%	0.0%	White	1	N/A
White	81.3%	8.6%	8.6%	1.5%			
Other	66.7%	0.0%	33.3%	0.0%			
Chi-Square ³ :		.622	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WENHAM POLICE DEPARTMENT**

Total Stops: 110	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		8.2%	Stops per 1000 18+ residents:				24.7
	Passing through:		91.8%					
All stops				ITP¹ Stops N/A				
Mean age		41.85		Mean age		N/A		
Gender %				Gender %				
Female		49.1%		Female		N/A		
Male		50.9%		Male		N/A		
Non-binary		0.0%		Non-binary		N/A		
Race %				Race %				
AA/Black		2.7%		AA/Black		N/A		
Hispanic		1.8%		Hispanic		N/A		
White		93.6%		White		N/A		
Other		1.8%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	2.7%	2.7%	0.0%	AA/Black	2.7%	15.7%	-13.0%	
Hispanic	1.8%	5.4%	-3.6%	Hispanic	1.8%	14.7%	-12.9%	
White	93.6%	87.8%	5.8%	White	93.6%	65.5%	28.1%	
Other	1.8%	4.5%	-2.7%	Other	1.8%	4.1%	-2.3%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	6	4.8%	15.4%	NW	N/A	N/A	N/A	
White	91	95.2%	84.6%	White	N/A	N/A	N/A	
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest	Search?			
AA/Black	66.7%	0.0%	33.3%	0.0%	NW	0	N/A	
Hispanic	50.0%	0.0%	50.0%	0.0%	White	1	N/A	
White	64.1%	19.4%	12.6%	3.9%				
Other	50.0%	0.0%	50.0%	0.0%				
Chi-Square ³ :		.719 <i>not sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST BOYLSTON POLICE DEPARTMENT**

Total Stops: 330	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 15.8%			Stops per 1000 18+ residents: 47.4			
	Passing through: 84.2%						
All stops				ITP¹ Stops N/A			
Mean age		38.6		Mean age		N/A	
Gender %				Gender %			
Female		39.6%		Female		N/A	
Male		59.8%		Male		N/A	
Non-binary		0.6%		Non-binary		N/A	
Race %				Race %			
AA/Black		7.7%		AA/Black		N/A	
Hispanic		9.3%		Hispanic		N/A	
White		80.8%		White		N/A	
Other		2.2%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.7%	6.3%	1.4%	AA/Black	7.7%	15.7%	-8.0%
Hispanic	9.3%	12.3%	-3.0%	Hispanic	9.3%	14.7%	-5.4%
White	80.8%	79.4%	1.4%	White	80.8%	65.5%	15.3%
Other	2.2%	3.9%	-1.7%	Other	2.2%	4.1%	-1.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	55	18.0%	18.3%	NW	N/A	N/A	N/A
White	249	82.0%	81.7%	White	N/A	N/A	N/A
Chi-Square ³ :		.957	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.936	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	48.0%	4.0%	48.0%	0.0%	NW	2	N/A
Hispanic	53.3%	6.7%	40.0%	0.0%	White	4	N/A
White	75.5%	8.8%	13.4%	2.3%			
Other	85.7%	14.3%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST BRIDGEWATER POLICE DEPARTMENT**

Total Stops: 1,143	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		7.3%	Stops per 1000 18+ residents:			
	Passing through:		92.7%	198.7			
All stops				ITP¹ Stops (N = 493, 43.1% of stops)			
Mean age		36		Mean age		35.8	
Gender %				Gender %			
Female		38.4%		Female		36.3%	
Male		61.4%		Male		63.5%	
Non-binary		0.3%		Non-binary		0.2%	
Race %				Race %			
AA/Black		24.7%		AA/Black		22.7%	
Hispanic		4.9%		Hispanic		4.1%	
White		69.8%		White		72.4%	
Other		0.6%		Other		0.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	24.7%	1.8%	22.9%	AA/Black	24.7%	15.7%	9.0%
Hispanic	4.9%	3.1%	1.8%	Hispanic	4.9%	14.7%	-9.8%
White	69.8%	92.8%	-23.0%	White	69.8%	65.5%	4.3%
Other	0.6%	2.3%	-1.7%	Other	0.6%	4.1%	-3.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	313	28.1%	34.5%	NW	110	27.3%	22.0%
White	729	71.9%	65.5%	White	322	72.7%	78.0%
Chi-Square ³ :		.037*	<i>sig.</i>	Chi-Square ³ :		.228	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.741*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.242	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	73.9%	11.8%	13.6%	0.7%	NW	2	N/A
Hispanic	74.5%	14.5%	10.9%	0.0%	White	1	N/A
White	81.4%	11.7%	5.9%	0.9%			
Other	85.7%	14.3%	0.0%	0.0%			
Chi-Square ³ :		.027*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST BROOKFIELD POLICE DEPARTMENT**

Total Stops: 164	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.7%			Stops per 1000 18+ residents: N/A			
	Passing through: 82.3%						
All stops				ITP¹ Stops N/A			
Mean age		37.64		Mean age		N/A	
Gender %				Gender %			
Female		34.1%		Female		N/A	
Male		64.6%		Male		N/A	
Non-binary		1.2%		Non-binary		N/A	
Race %				Race %			
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	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.1%	N/A	N/A	AA/Black	3.1%	15.7%	-12.6%
Hispanic	3.1%	N/A	N/A	Hispanic	3.1%	14.7%	-11.6%
White	93.8%	N/A	N/A	White	93.8%	65.5%	28.3%
Other	0.0%	N/A	N/A	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	8	8.1%	3.0%	NW	N/A	N/A	N/A
White	133	91.9%	97.0%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	100.0%	0.0%	0.0%	0.0%	NW	1	N/A
Hispanic	80.0%	20.0%	0.0%	0.0%	White	1	N/A
White	49.7%	33.8%	16.6%	0.0%			
Other	0.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.151 <i>not sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST NEWBURY POLICE DEPARTMENT**

Total Stops: 182	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.6%			Stops per 1000 18+ residents: N/A			
	Passing through: 82.4%						
All stops				ITP¹ Stops N/A			
Mean age		34.88		Mean age		N/A	
Gender %				Gender %			
Female		32.4%		Female		N/A	
Male		67.0%		Male		N/A	
Non-binary		0.5%		Non-binary		N/A	
Race %				Race %			
AA/Black		3.9%		AA/Black		N/A	
Hispanic		8.3%		Hispanic		N/A	
White		85.6%		White		N/A	
Other		2.2%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	3.9%	N/A	N/A	AA/Black	3.9%	15.7%	-11.8%
Hispanic	8.3%	N/A	N/A	Hispanic	8.3%	14.7%	-6.4%
White	85.6%	N/A	N/A	White	85.6%	65.5%	20.1%
Other	2.2%	N/A	N/A	Other	2.2%	4.1%	-1.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	12.0%	15.7%	NW	N/A	N/A	N/A
White	147	88.0%	84.3%	White	N/A	N/A	N/A
Chi-Square ³ :		.486	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.676	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	0.0%	14.3%	85.7%	0.0%	NW	0	N/A
Hispanic	0.0%	60.0%	20.0%	20.0%	White	3	N/A
White	31.2%	35.7%	25.3%	7.8%			
Other	25.0%	25.0%	50.0%	0.0%		Counts	Percent
Chi-Square ³ :		.005* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST SPRINGFIELD POLICE DEPARTMENT**

Total Stops: 1,100	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 26.3%			Stops per 1000 18+ residents: 48.5			
	Passing through: 73.7%						
All stops				ITP¹ Stops (N = 397, 36.1% of stops)			
Mean age		34.9		Mean age		34.4	
Gender %				Gender %			
Female		40.0%		Female		40.6%	
Male		59.8%		Male		58.9%	
Non-binary		0.2%		Non-binary		0.5%	
Race %				Race %			
AA/Black		12.5%		AA/Black		10.7%	
Hispanic		12.9%		Hispanic		18.6%	
White		73.3%		White		68.4%	
Other		1.4%		Other		2.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	12.5%	3.2%	9.3%	AA/Black	12.5%	15.7%	-3.2%
Hispanic	12.9%	10.6%	2.3%	Hispanic	12.9%	14.7%	-1.8%
White	73.3%	79.6%	-6.3%	White	73.3%	65.5%	7.8%
Other	1.4%	7.5%	-6.1%	Other	1.4%	4.1%	-2.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	243	23.4%	36.5%	NW	117	32.1%	35.5%
White	654	76.6%	63.5%	White	239	67.9%	64.5%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.578	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.531*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.773	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	58.1%	17.8%	24.0%	0.0%	NW	1	N/A
Hispanic	57.1%	29.3%	12.8%	0.8%	White	0	N/A
White	61.5%	22.2%	15.3%	1.1%			
Other	64.3%	35.7%	0.0%	0.0%			
Chi-Square ³ :		.073				Counts	Percent
		<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEST STOCKBRIDGE POLICE DEPARTMENT**

Total Stops: 119	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 7.6%			Stops per 1000 18+ residents: N/A			
	Passing through: 92.4%						
All stops				ITP¹ Stops N/A			
Mean age		42.5		Mean age		N/A	
Gender %				Gender %			
Female		41.2%		Female		N/A	
Male		58.8%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		4.3%		AA/Black		N/A	
Hispanic		3.4%		Hispanic		N/A	
White		91.5%		White		N/A	
Other		0.9%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.3%	N/A	N/A	AA/Black	4.3%	15.7%	-11.4%
Hispanic	3.4%	N/A	N/A	Hispanic	3.4%	14.7%	-11.3%
White	91.5%	N/A	N/A	White	91.5%	65.5%	26.0%
Other	0.9%	N/A	N/A	Other	0.9%	4.1%	-3.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	10	6.0%	22.7%	NW	N/A	N/A	N/A
White	96	94.0%	77.3%	White	N/A	N/A	N/A
Chi-Square ³ :		.017*	<i>sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.342	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	40.0%	20.0%	40.0%	0.0%	NW	0	N/A
Hispanic	75.0%	0.0%	25.0%	0.0%	White	3	N/A
White	87.9%	8.4%	3.7%	0.0%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.016*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTBOROUGH POLICE DEPARTMENT**

Total Stops: 2,760	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 21.2%			Stops per 1000 18+ residents: 194			
	Passing through: 78.8%						
All stops				ITP¹ Stops (N = 753, 27.3% of stops)			
Mean age		39.8		Mean age		39.6	
Gender %				Gender %			
Female		40.2%		Female		37.5%	
Male		59.4%		Male		62.1%	
Non-binary		0.4%		Non-binary		0.4%	
Race %				Race %			
AA/Black		8.8%		AA/Black		9.1%	
Hispanic		11.6%		Hispanic		12.0%	
White		70.2%		White		68.4%	
Other		9.5%		Other		10.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.8%	1.9%	6.9%	AA/Black	8.8%	15.7%	-6.9%
Hispanic	11.6%	6.2%	5.4%	Hispanic	11.6%	14.7%	-3.1%
White	70.2%	65.0%	5.2%	White	70.2%	65.5%	4.7%
Other	9.5%	27.0%	-17.5%	Other	9.5%	4.1%	5.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	780	24.6%	41.8%	NW	207	32.5%	30.4%
White	1,828	75.4%	58.2%	White	448	67.5%	69.6%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.570	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.434*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.888	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	75.8%	7.9%	13.8%	2.5%	NW	3	N/A
Hispanic	60.8%	12.0%	25.0%	2.2%	White	11	N/A
White	85.8%	7.6%	5.1%	1.6%			
Other	86.8%	9.3%	2.7%	1.2%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTFIELD POLICE DEPARTMENT**

Total Stops: 2,592	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		42.0%	Stops per 1000 18+ residents:				76.7
	Passing through:		58.0%					
All stops				ITP¹ Stops (N = 935, 36.1% of stops)				
Mean age		35.7		Mean age		34.4		
Gender %				Gender %				
Female		35.4%		Female		31.9%		
Male		64.1%		Male		67.8%		
Non-binary		0.5%		Non-binary		0.3%		
Race %				Race %				
AA/Black		7.0%		AA/Black		5.7%		
Hispanic		7.4%		Hispanic		6.2%		
White		84.4%		White		87.0%		
Other		1.2%		Other		1.1%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	7.0%	1.6%	5.4%	AA/Black	7.0%	15.7%	-8.7%	
Hispanic	7.4%	9.5%	-2.1%	Hispanic	7.4%	14.7%	-7.3%	
White	84.4%	85.0%	-0.6%	White	84.4%	65.5%	18.9%	
Other	1.2%	4.3%	-3.1%	Other	1.2%	4.1%	-2.9%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	375	14.0%	19.9%	NW	103	13.3%	11.4%	
White	2,007	86.0%	80.1%	White	710	86.7%	88.6%	
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.441	<i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.645*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.203	<i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	61.8%	25.8%	11.2%	1.1%	NW	4	N/A	
Hispanic	54.5%	29.1%	12.7%	3.7%	White	19	N/A	
White	70.7%	23.2%	4.8%	1.3%				
Other	66.7%	33.3%	0.0%	0.0%		Counts	Percent	
Chi-Square ³ :		.000* <i>sig.</i>						

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTFORD POLICE DEPARTMENT**

Total Stops: 1,376	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 30.5%			Stops per 1000 18+ residents: 75.2			
	Passing through: 69.5%						
All stops				ITP¹ Stops (N = 568, 41.3% of stops)			
Mean age		37.5		Mean age		37.5	
Gender %				Gender %			
Female		31.5%		Female		30.7%	
Male		68.1%		Male		69.0%	
Non-binary		0.4%		Non-binary		0.4%	
Race %				Race %			
AA/Black		4.4%		AA/Black		4.1%	
Hispanic		2.6%		Hispanic		2.9%	
White		87.2%		White		86.1%	
Other		5.7%		Other		7.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.4%	0.9%	3.5%	AA/Black	4.4%	15.7%	-11.3%
Hispanic	2.6%	1.5%	1.1%	Hispanic	2.6%	14.7%	-12.1%
White	87.2%	76.1%	11.1%	White	87.2%	65.5%	21.7%
Other	5.7%	21.6%	-15.9%	Other	5.7%	4.1%	1.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	164	12.7%	13.0%	NW	73	16.0%	12.3%
White	1,115	87.3%	87.0%	White	436	84.0%	87.7%
Chi-Square ³ :		.887 <i>not sig.</i>		Chi-Square ³ :		.232 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.968 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		1.247 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	60.0%	15.0%	23.3%	1.7%	NW	0	N/A
Hispanic	55.6%	16.7%	25.0%	2.8%	White	0	N/A
White	64.2%	20.2%	14.4%	1.2%			
Other	73.1%	21.8%	3.8%	1.3%			
Chi-Square ³ :		.077 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTMINSTER POLICE DEPARTMENT**

Total Stops: 390	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 12.1%			Stops per 1000 18+ residents: 62			
	Passing through: 87.9%						
All stops				ITP¹ Stops (N = 160, 41% of stops)			
Mean age		34.1		Mean age		33.4	
Gender %				Gender %			
Female		31.3%		Female		25.6%	
Male		68.2%		Male		73.1%	
Non-binary		0.5%		Non-binary		1.3%	
Race %				Race %			
AA/Black		6.0%		AA/Black		6.4%	
Hispanic		7.8%		Hispanic		4.5%	
White		84.9%		White		89.1%	
Other		1.3%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.0%	0.0%	6.0%	AA/Black	6.0%	15.7%	-9.7%
Hispanic	7.8%	3.3%	4.5%	Hispanic	7.8%	14.7%	-6.9%
White	84.9%	96.2%	-11.3%	White	84.9%	65.5%	19.4%
Other	1.3%	0.4%	0.9%	Other	1.3%	4.1%	-2.8%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	13.5%	16.3%	NW	14	12.0%	9.8%
White	296	86.5%	83.7%	White	118	88.0%	90.2%
Chi-Square ³ :		.463 <i>not sig.</i>		Chi-Square ³ :		.685 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.815 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.937 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	82.6%	8.7%	8.7%	0.0%	NW	0	N/A
Hispanic	76.7%	16.7%	6.7%	0.0%	White	1	N/A
White	77.8%	7.1%	11.4%	3.7%			
Other	60.0%	0.0%	40.0%	0.0%			
Chi-Square ³ :		.316 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTON POLICE DEPARTMENT**

Total Stops: 306	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 17.3%			Stops per 1000 18+ residents: 33.9			
	Passing through: 82.7%						
All stops				ITP¹ Stops (N = 135, 44.1% of stops)			
Mean age		38.4		Mean age		40.4	
Gender %				Gender %			
Female		37.5%		Female		41.5%	
Male		62.5%		Male		58.5%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		7.7%		AA/Black		5.3%	
Hispanic		9.1%		Hispanic		10.5%	
White		71.4%		White		69.9%	
Other		11.8%		Other		14.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.7%	1.9%	5.8%	AA/Black	7.7%	15.7%	-8.0%
Hispanic	9.1%	3.8%	5.3%	Hispanic	9.1%	14.7%	-5.6%
White	71.4%	76.4%	-5.0%	White	71.4%	65.5%	5.9%
Other	11.8%	16.9%	-5.1%	Other	11.8%	4.1%	7.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	72	23.8%	32.8%	NW	31	18.0%	37.9%
White	188	76.2%	67.3%	White	77	82.0%	62.1%
Chi-Square ³ :		.111	<i>not sig.</i>	Chi-Square ³ :		.022*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.647	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.391*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	78.3%	17.4%	4.3%	0.0%	NW	1	N/A
Hispanic	48.1%	18.5%	29.6%	3.7%	White	0	N/A
White	71.2%	21.2%	6.1%	1.4%			
Other	74.3%	22.9%	2.9%	0.0%			
Chi-Square ³ :		.006* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTPORT POLICE DEPARTMENT**

Total Stops: 1,580	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 36.3%			Stops per 1000 18+ residents: 119.2			
	Passing through: 63.7%						
All stops				ITP¹ Stops (N = 510, 32.3% of stops)			
Mean age		39.9		Mean age		38.7	
Gender %				Gender %			
Female		41.4%		Female		40.2%	
Male		58.1%		Male		59.2%	
Non-binary		0.5%		Non-binary		0.6%	
Race %				Race %			
AA/Black		5.2%		AA/Black		2.8%	
Hispanic		1.4%		Hispanic		1.4%	
White		92.8%		White		95.2%	
Other		0.7%		Other		0.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	5.2%	0.1%	5.1%	AA/Black	5.2%	15.7%	-10.5%
Hispanic	1.4%	1.7%	-0.3%	Hispanic	1.4%	14.7%	-13.3%
White	92.8%	97.0%	-4.2%	White	92.8%	65.5%	27.3%
Other	0.7%	1.4%	-0.7%	Other	0.7%	4.1%	-3.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104	4.2%	13.5%	NW	20	3.0%	7.9%
White	1,355	95.8%	86.5%	White	437	97.0%	92.1%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.022*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.293*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.344*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.0%	27.5%	20.0%	2.5%	NW	8	N/A
Hispanic	66.7%	9.5%	23.8%	0.0%	White	0	N/A
White	72.6%	18.8%	7.6%	1.0%			
Other	63.6%	27.3%	9.1%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WESTWOOD POLICE DEPARTMENT**

Total Stops: 982	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 13.0%			Stops per 1000 18+ residents: 80.4			
	Passing through: 87.0%						
All stops				ITP¹ Stops (N = 463, 47.1% of stops)			
Mean age		38.2		Mean age		40.5	
Gender %				Gender %			
Female		37.5%		Female		36.7%	
Male		62.2%		Male		63.1%	
Non-binary		0.3%		Non-binary		0.2%	
Race %				Race %			
AA/Black		19.1%		AA/Black		14.2%	
Hispanic		8.5%		Hispanic		8.5%	
White		68.8%		White		73.4%	
Other		3.6%		Other		3.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	19.1%	0.7%	18.4%	AA/Black	19.1%	15.7%	3.4%
Hispanic	8.5%	3.0%	5.5%	Hispanic	8.5%	14.7%	-6.2%
White	68.8%	84.4%	-15.6%	White	68.8%	65.5%	3.3%
Other	3.6%	11.4%	-7.8%	Other	3.6%	4.1%	-0.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	270	22.7%	39.7%	NW	101	22.2%	30.2%
White	587	77.3%	60.3%	White	283	77.8%	69.8%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.076	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.420*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.555	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.4%	21.6%	11.9%	1.1%	NW	6	N/A
Hispanic	54.2%	20.5%	19.3%	6.0%	White	14	N/A
White	82.0%	11.1%	3.9%	3.0%			
Other	85.7%	14.3%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WEYMOUTH POLICE DEPARTMENT**

Total Stops: 2,022	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 37.4%			Stops per 1000 18+ residents: 42.6			
	Passing through: 62.6%						
All stops				ITP¹ Stops (N = 710, 35.1% of stops)			
Mean age		37.7		Mean age		36.7	
Gender %				Gender %			
Female		37.0%		Female		36.3%	
Male		62.5%		Male		63.6%	
Non-binary		0.5%		Non-binary		0.1%	
Race %				Race %			
AA/Black		11.7%		AA/Black		11.0%	
Hispanic		3.8%		Hispanic		5.4%	
White		81.5%		White		79.8%	
Other		3.0%		Other		3.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.7%	5.6%	6.1%	AA/Black	11.7%	15.7%	-4.0%
Hispanic	3.8%	3.8%	0.0%	Hispanic	3.8%	14.7%	-10.9%
White	81.5%	81.6%	-0.1%	White	81.5%	65.5%	16.0%
Other	3.0%	8.5%	-5.5%	Other	3.0%	4.1%	-1.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	346	16.3%	23.2%	NW	122	18.9%	21.4%
White	1,494	83.7%	76.8%	White	483	81.1%	78.6%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.454	not sig.
Odds ratio Exp(B) ⁴ :		.642*	sig.	Odds ratio Exp(B) ⁴ :		.813	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	74.3%	11.3%	9.1%	5.2%	NW	4	N/A
Hispanic	60.8%	13.5%	18.9%	6.8%	White	4	N/A
White	76.0%	9.4%	9.5%	5.1%			
Other	83.3%	11.7%	1.7%	3.3%			
Chi-Square ³ :		.062				Counts	Percent
		not sig.					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WHATELY POLICE DEPARTMENT**

Total Stops: 140	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		8.6%	Stops per 1000 18+ residents:				N/A
	Passing through:		91.4%					
All stops				ITP¹ Stops N/A				
Mean age		39.5		Mean age		N/A		
Gender %				Gender %				
Female		37.9%		Female		N/A		
Male		61.4%		Male		N/A		
Non-binary		0.7%		Non-binary		N/A		
Race %				Race %				
AA/Black		4.4%		AA/Black		N/A		
Hispanic		5.9%		Hispanic		N/A		
White		88.1%		White		N/A		
Other		1.5%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	4.4%	N/A	N/A	AA/Black	4.4%	15.7%	-11.3%	
Hispanic	5.9%	N/A	N/A	Hispanic	5.9%	14.7%	-8.8%	
White	88.1%	N/A	N/A	White	88.1%	65.5%	22.6%	
Other	1.5%	N/A	N/A	Other	1.5%	4.1%	-2.6%	
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	16	6.8%	27.0%	NW	N/A	N/A	N/A	
White	109	93.2%	73.0%	White	N/A	N/A	N/A	
Chi-Square ³ :		.002*	sig.	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		.127*	sig.	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	50.0%	33.3%	16.7%	0.0%	NW	0	N/A	
Hispanic	62.5%	25.0%	12.5%	0.0%	White	1	N/A	
White	73.1%	22.7%	3.4%	0.8%				
Other	100.0%	0.0%	0.0%	0.0%				
Chi-Square ³ :		.814	not sig.					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WHITMAN POLICE DEPARTMENT**

Total Stops: 242	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 19.8%			Stops per 1000 18+ residents: 20.6			
	Passing through: 80.2%						
All stops				ITP¹ Stops N/A			
Mean age		35.66		Mean age		N/A	
Gender %				Gender %			
Female		27.3%		Female		N/A	
Male		70.2%		Male		N/A	
Non-binary		2.5%		Non-binary		N/A	
Race %				Race %			
AA/Black		10.7%		AA/Black		N/A	
Hispanic		3.0%		Hispanic		N/A	
White		85.9%		White		N/A	
Other		0.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	10.7%	1.9%	8.8%	AA/Black	10.7%	15.7%	-5.0%
Hispanic	3.0%	2.5%	0.5%	Hispanic	3.0%	14.7%	-11.7%
White	85.9%	91.7%	-5.8%	White	85.9%	65.5%	20.4%
Other	0.4%	3.5%	-3.1%	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	14.5%	16.9%	NW	N/A	N/A	N/A
White	182	85.5%	83.1%	White	N/A	N/A	N/A
Chi-Square ³ :		.641	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.825	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	4.0%	88.0%	8.0%	0.0%	NW	0	N/A
Hispanic	0.0%	28.6%	71.4%	0.0%	White	1	N/A
White	10.4%	69.2%	15.4%	5.0%			
Other	0.0%	100.0%	0.0%	0.0%			
Chi-Square ³ :		.013* <i>sig.</i>				Counts	Percent

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILBRAHAM POLICE DEPARTMENT**

Total Stops: 956	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 24.4%			Stops per 1000 18+ residents: 82.4			
	Passing through: 75.6%						
All stops				ITP¹ Stops (N = 438, 45.8% of stops)			
Mean age		37.7		Mean age		38.5	
Gender %				Gender %			
Female		36.7%		Female		40.6%	
Male		62.9%		Male		59.1%	
Non-binary		0.4%		Non-binary		0.2%	
Race %				Race %			
AA/Black		9.6%		AA/Black		9.6%	
Hispanic		7.7%		Hispanic		6.8%	
White		81.2%		White		81.3%	
Other		1.6%		Other		2.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.6%	3.2%	6.4%	AA/Black	9.6%	15.7%	-6.1%
Hispanic	7.7%	9.7%	-2.0%	Hispanic	7.7%	14.7%	-7.0%
White	81.2%	85.3%	-4.1%	White	81.2%	65.5%	15.7%
Other	1.6%	2.7%	-1.1%	Other	1.6%	4.1%	-2.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	153	15.5%	23.7%	NW	68	16.3%	21.2%
White	684	84.5%	76.3%	White	320	83.7%	78.8%
Chi-Square ³ :		.004*	<i>sig.</i>	Chi-Square ³ :		.264	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.604*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.747	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	66.7%	10.0%	17.8%	5.6%	NW	1	N/A
Hispanic	68.1%	8.3%	12.5%	11.1%	White	4	N/A
White	81.5%	5.2%	10.5%	2.8%			
Other	80.0%	13.3%	6.7%	0.0%			
Chi-Square ³ :		.001*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILLIAMSBURG POLICE DEPARTMENT**

Total Stops: 134	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 9.0%			Stops per 1000 18+ residents: N/A			
	Passing through: 91.0%						
All stops				ITP¹ Stops N/A			
Mean age		40.88		Mean age		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 %				Race %			
AA/Black		4.0%		AA/Black		N/A	
Hispanic		0.8%		Hispanic		N/A	
White		93.7%		White		N/A	
Other		1.6%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.0%	N/A	N/A	AA/Black	4.0%	15.7%	-11.7%
Hispanic	0.8%	N/A	N/A	Hispanic	0.8%	14.7%	-13.9%
White	93.7%	N/A	N/A	White	93.7%	65.5%	28.2%
Other	1.6%	N/A	N/A	Other	1.6%	4.1%	-2.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	6	6.0%	3.6%	NW	N/A	N/A	N/A
White	106	94.0%	96.4%	White	N/A	N/A	N/A
Chi-Square ³ :		N/A	N/A	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		N/A	N/A	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.0%	40.0%	20.0%	0.0%	NW	1	N/A
Hispanic	0.0%	100.0%	0.0%	0.0%	White	0	N/A
White	54.2%	22.9%	21.2%	1.7%			
Other	50.0%	0.0%	50.0%	0.0%			
Chi-Square ³ :		.803 <i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILLIAMSTOWN POLICE DEPARTMENT**

Total Stops: 442	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		19.5%	Stops per 1000 18+ residents:			
	Passing through:		80.5%	69.5			
All stops				ITP¹ Stops (N = 181, 41% of stops)			
Mean age		39.8		Mean age		38.5	
Gender %				Gender %			
Female		38.7%		Female		36.5%	
Male		60.6%		Male		63.5%	
Non-binary		0.7%		Non-binary		0.0%	
Race %				Race %			
AA/Black		6.8%		AA/Black		7.4%	
Hispanic		0.9%		Hispanic		0.6%	
White		90.0%		White		89.7%	
Other		2.3%		Other		2.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.8%	5.1%	1.7%	AA/Black	6.8%	15.7%	-8.9%
Hispanic	0.9%	6.1%	-5.2%	Hispanic	0.9%	14.7%	-13.8%
White	90.0%	79.1%	10.9%	White	90.0%	65.5%	24.5%
Other	2.3%	11.6%	-9.3%	Other	2.3%	4.1%	-1.8%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	40	6.4%	14.9%	NW	15	7.1%	12.5%
White	355	93.6%	85.1%	White	141	92.9%	87.5%
Chi-Square ³ :		.005*	sig.	Chi-Square ³ :		.258	not sig.
Odds ratio Exp(B) ⁴ :		.481*	sig.	Odds ratio Exp(B) ⁴ :		.578	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.4%	17.2%	10.3%	0.0%	NW	0	N/A
Hispanic	75.0%	0.0%	25.0%	0.0%	White	0	N/A
White	83.4%	8.8%	6.5%	1.3%			
Other	90.0%	0.0%	10.0%	0.0%			
Chi-Square ³ :		.633		not sig.		Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WILMINGTON POLICE DEPARTMENT**

Total Stops: 2,680	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 25.2%			Stops per 1000 18+ residents: 145.6			
	Passing through: 74.8%						
All stops				ITP¹ Stops (N = 1062, 39.6% of stops)			
Mean age		39.6		Mean age		40.8	
Gender %				Gender %			
Female		32.4%		Female		29.8%	
Male		67.3%		Male		69.9%	
Non-binary		0.3%		Non-binary		0.3%	
Race %				Race %			
AA/Black		6.2%		AA/Black		5.1%	
Hispanic		7.8%		Hispanic		8.0%	
White		81.1%		White		81.7%	
Other		4.9%		Other		5.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.2%	4.1%	2.1%	AA/Black	6.2%	15.7%	-9.5%
Hispanic	7.8%	1.0%	6.8%	Hispanic	7.8%	14.7%	-6.9%
White	81.1%	87.0%	-5.9%	White	81.1%	65.5%	15.6%
Other	4.9%	7.9%	-3.0%	Other	4.9%	4.1%	0.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	454	16.7%	23.6%	NW	162	18.1%	17.8%
White	1,964	83.3%	76.4%	White	738	81.9%	82.2%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.925	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.664*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.938	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	84.1%	7.9%	6.7%	1.2%	NW	1	N/A
Hispanic	75.4%	10.6%	11.6%	2.4%	White	8	N/A
White	85.9%	8.9%	3.6%	1.5%			
Other	86.0%	8.5%	4.7%	0.8%			
Chi-Square ³ :		.000* <i>sig.</i>					

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WINCHENDON POLICE DEPARTMENT**

Total Stops: 308	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 39.4%			Stops per 1000 18+ residents: 36.8			
	Passing through: 60.6%						
All stops				ITP¹ Stops (N = 124, 40.3% of stops)			
Mean age		35.41		Mean age		34.89	
Gender %				Gender %			
Female		31.2%		Female		25.0%	
Male		68.2%		Male		74.2%	
Non-binary		0.6%		Non-binary		0.8%	
Race %				Race %			
AA/Black		4.7%		AA/Black		3.3%	
Hispanic		7.0%		Hispanic		6.6%	
White		88.3%		White		90.2%	
Other		0.0%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	4.7%	1.2%	3.5%	AA/Black	4.7%	15.7%	-11.0%
Hispanic	7.0%	3.2%	3.8%	Hispanic	7.0%	14.7%	-7.7%
White	88.3%	90.8%	-2.5%	White	88.3%	65.5%	22.8%
Other	0.0%	5.1%	-5.1%	Other	0.0%	4.1%	-4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	32	13.9%	10.1%	NW	11	16.3%	4.9%
White	238	86.1%	89.9%	White	99	83.7%	95.1%
Chi-Square ³ :		.336	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		1.647	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	28.6%	0.0%	64.3%	7.1%	NW	1	N/A
Hispanic	28.6%	9.5%	61.9%	0.0%	White	4	N/A
White	39.2%	23.8%	33.6%	3.4%			
Other	0.0%	0.0%	0.0%	0.0%			
Chi-Square ³ :		.025*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WINCHESTER POLICE DEPARTMENT**

Total Stops: 378	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		29.1%	Stops per 1000 18+ residents:			
	Passing through:		70.9%	23.2			
All stops				ITP¹ Stops (N = 111, 29.4% of stops)			
Mean age		45.9		Mean age		45.7	
Gender %				Gender %			
Female		39.5%		Female		40.5%	
Male		59.7%		Male		57.7%	
Non-binary		0.8%		Non-binary		1.8%	
Race %				Race %			
AA/Black		5.1%		AA/Black		8.0%	
Hispanic		3.1%		Hispanic		5.0%	
White		83.5%		White		79.0%	
Other		8.2%		Other		8.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	5.1%	0.3%	4.8%	AA/Black	5.1%	15.7%	-10.6%
Hispanic	3.1%	2.1%	1.0%	Hispanic	3.1%	14.7%	-11.6%
White	83.5%	79.5%	4.0%	White	83.5%	65.5%	18.0%
Other	8.2%	17.3%	-9.1%	Other	8.2%	4.1%	4.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	55	15.8%	25.6%	NW	19	20.6%	26.3%
White	267	84.2%	74.4%	White	68	79.4%	73.7%
Chi-Square ³ :		.112	<i>not sig.</i>	Chi-Square ³ :		.593	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.503	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.408	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	77.8%	5.6%	5.6%	11.1%	NW	1	N/A
Hispanic	72.7%	0.0%	27.3%	0.0%	White	1	N/A
White	80.6%	9.9%	8.2%	1.4%			
Other	93.1%	6.9%	0.0%	0.0%			
Chi-Square ³ :		.017* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WINTHROP POLICE DEPARTMENT**

Total Stops: 149	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		33.6%	Stops per 1000 18+ residents:				9.9
	Passing through:		66.4%					
All stops				ITP¹ Stops N/A				
Mean age		35.7		Mean age		N/A		
Gender %				Gender %				
Female		16.1%		Female		N/A		
Male		82.6%		Male		N/A		
Non-binary		1.3%		Non-binary		N/A		
Race %				Race %				
AA/Black		9.0%		AA/Black		N/A		
Hispanic		11.1%		Hispanic		N/A		
White		77.1%		White		N/A		
Other		2.8%		Other		N/A		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	9.0%	2.2%	6.8%	AA/Black	9.0%	15.7%	-6.7%	
Hispanic	11.1%	9.5%	1.6%	Hispanic	11.1%	14.7%	-3.6%	
White	77.1%	86.5%	-9.4%	White	77.1%	65.5%	11.6%	
Other	2.8%	3.2%	-0.4%	Other	2.8%	4.1%	-1.3%	
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	27	17.1%	28.0%	NW	N/A	N/A	N/A	
White	99	82.9%	72.0%	White	N/A	N/A	N/A	
Chi-Square ³ :		.145	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A	
Odds ratio Exp(B) ⁴ :		.564	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	23.1%	15.4%	53.8%	7.7%	NW	1	N/A	
Hispanic	31.3%	18.8%	37.5%	12.5%	White	4	N/A	
White	36.9%	23.4%	35.1%	4.5%				
Other	25.0%	25.0%	50.0%	0.0%				
Chi-Square ³ :		.878	<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WOBURN POLICE DEPARTMENT**

Total Stops: 2,066	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 38.2%			Stops per 1000 18+ residents: 63.9			
	Passing through: 61.8%						
All stops				ITP¹ Stops (N = 676, 32.7% of stops)			
Mean age		40.8		Mean age		40.2	
Gender %				Gender %			
Female		38.8%		Female		38.8%	
Male		60.4%		Male		60.5%	
Non-binary		0.8%		Non-binary		0.7%	
Race %				Race %			
AA/Black		6.9%		AA/Black		6.6%	
Hispanic		7.2%		Hispanic		8.6%	
White		80.3%		White		79.2%	
Other		5.7%		Other		5.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.9%	5.9%	1.0%	AA/Black	6.9%	15.7%	-8.8%
Hispanic	7.2%	4.6%	2.6%	Hispanic	7.2%	14.7%	-7.5%
White	80.3%	77.4%	2.9%	White	80.3%	65.5%	14.8%
Other	5.7%	11.4%	-5.7%	Other	5.7%	4.1%	1.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	312	18.0%	24.1%	NW	119	19.2%	23.9%
White	1,304	82.0%	75.9%	White	461	80.8%	76.1%
Chi-Square ³ :		.011*	<i>sig.</i>	Chi-Square ³ :		.204	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.698*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.746	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	88.3%	9.5%	1.5%	0.7%	NW	2	N/A
Hispanic	85.4%	13.9%	0.0%	0.7%	White	8	N/A
White	92.2%	4.7%	3.0%	0.1%			
Other	91.2%	8.8%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WORCESTER POLICE DEPARTMENT**

Total Stops: 2,416	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 58.7%			Stops per 1000 18+ residents: 16			
	Passing through: 41.3%						
All stops				ITP¹ Stops (N = 937, 38.8% of stops)			
Mean age		36.9		Mean age		36.5	
Gender %				Gender %			
Female		36.2%		Female		37.6%	
Male		62.7%		Male		62.0%	
Non-binary		1.1%		Non-binary		0.4%	
Race %				Race %			
AA/Black		13.5%		AA/Black		13.9%	
Hispanic		22.9%		Hispanic		22.6%	
White		60.1%		White		59.8%	
Other		3.6%		Other		3.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	13.5%	13.3%	0.2%	AA/Black	13.5%	15.7%	-2.2%
Hispanic	22.9%	21.9%	1.0%	Hispanic	22.9%	14.7%	8.2%
White	60.1%	55.2%	4.9%	White	60.1%	65.5%	-5.4%
Other	3.6%	12.1%	-8.5%	Other	3.6%	4.1%	-0.5%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	834	37.8%	55.5%	NW	336	37.3%	56.2%
White	1,246	62.2%	44.5%	White	511	62.7%	43.8%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.000*	sig.
Odds ratio Exp(B) ⁴ :		.525*	sig.	Odds ratio Exp(B) ⁴ :		.505*	sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	44.9%	36.3%	13.5%	5.3%	NW	9	N/A
Hispanic	31.3%	38.3%	18.9%	11.5%	White	7	N/A
White	59.9%	27.4%	10.2%	2.5%			
Other	47.5%	40.0%	5.0%	7.5%			
Chi-Square ³ :		.000* sig.				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
WRENTHAM POLICE DEPARTMENT**

Total Stops: 562	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 16.6%			Stops per 1000 18+ residents: 61.5			
	Passing through: 83.4%						
All stops				ITP¹ Stops (N = 232, 41.3% of stops)			
Mean age		36.96		Mean age		35.67	
Gender %				Gender %			
Female		35.8%		Female		36.2%	
Male		62.8%		Male		62.9%	
Non-binary		1.4%		Non-binary		0.9%	
Race %				Race %			
AA/Black		6.4%		AA/Black		8.5%	
Hispanic		5.3%		Hispanic		6.4%	
White		87.1%		White		85.1%	
Other		1.1%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.4%	2.9%	3.5%	AA/Black	6.4%	15.7%	-9.3%
Hispanic	5.3%	2.9%	2.4%	Hispanic	5.3%	14.7%	-9.4%
White	87.1%	92.7%	-5.6%	White	87.1%	65.5%	21.6%
Other	1.1%	1.5%	-0.4%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	40	12.2%	13.6%	NW	16	12.8%	15.4%
White	279	87.8%	86.4%	White	104	87.2%	84.6%
Chi-Square ³ :		.743	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.998	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.5%	21.7%	17.4%	4.3%	NW	1	N/A
Hispanic	42.1%	31.6%	21.1%	5.3%	White	4	N/A
White	67.5%	18.6%	10.9%	2.9%			
Other	75.0%	0.0%	25.0%	0.0%			
Chi-Square ³ :		.025* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
YARMOUTH POLICE DEPARTMENT**

Total Stops: 834	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 36.9%			Stops per 1000 18+ residents: 41.8			
	Passing through: 63.1%						
All stops				ITP¹ Stops (N = 227, 27.2% of stops)			
Mean age		39.5		Mean age		39	
Gender %				Gender %			
Female		33.8%		Female		32.6%	
Male		65.1%		Male		65.6%	
Non-binary		1.1%		Non-binary		1.8%	
Race %				Race %			
AA/Black		13.8%		AA/Black		11.3%	
Hispanic		1.4%		Hispanic		1.4%	
White		84.5%		White		86.9%	
Other		0.4%		Other		0.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	13.8%	2.4%	11.4%	AA/Black	13.8%	15.7%	-1.9%
Hispanic	1.4%	2.7%	-1.3%	Hispanic	1.4%	14.7%	-13.3%
White	84.5%	89.2%	-4.7%	White	84.5%	65.5%	19.0%
Other	0.4%	5.5%	-5.1%	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	114	14.4%	19.1%	NW	22	14.7%	9.0%
White	593	85.6%	80.9%	White	154	85.3%	91.0%
Chi-Square ³ :		.101	<i>not sig.</i>	Chi-Square ³ :		.265	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.604*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.197	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	57.1%	8.9%	29.5%	4.5%	NW	3	N/A
Hispanic	72.7%	0.0%	27.3%	0.0%	White	11	N/A
White	63.0%	7.0%	22.6%	7.4%			
Other	66.7%	33.3%	0.0%	0.0%			
Chi-Square ³ :		.369				Counts	Percent
		<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT

District-Level Analyses Start on Page 346

2020 UNIFORM CITATION DATA ANALYSIS REPORT

Boston Police Department Districts¹⁰

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

¹⁰ The Boston Police Department district information obtained from the Boston Police Department official website at: <https://www.boston.gov/departments/police#districts>.

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT A-1)**

Total Stops: 552	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		9.4%	Stops per 1000 18+ residents:			
	Passing through:		90.6%	0.9			
All stops				ITP¹ Stops (N = 147, 26.6% of stops)			
Mean age		40.07		Mean age		37.69	
Gender %				Gender %			
Female		31.5%		Female		33.3%	
Male		64.8%		Male		59.9%	
Non-binary		3.7%		Non-binary		6.8%	
Race %				Race %			
AA/Black		31.3%		AA/Black		30.1%	
Hispanic		10.8%		Hispanic		7.5%	
White		52.1%		White		54.9%	
Other		5.9%		Other		7.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	31.3%	25.2%	6.1%	AA/Black	31.3%	15.7%	15.6%
Hispanic	10.8%	19.8%	-9.0%	Hispanic	10.8%	14.7%	-3.9%
White	52.1%	44.5%	7.6%	White	52.1%	65.5%	-13.4%
Other	5.9%	15.4%	-9.5%	Other	5.9%	4.1%	1.8%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	223	45.5%	57.3%	NW	54	45.3%	46.9%
White	239	54.5%	42.7%	White	64	54.7%	53.1%
Chi-Square ³ :		.030*	sig.	Chi-Square ³ :		.882	not sig.
Odds ratio Exp(B) ⁴ :		.614*	sig.	Odds ratio Exp(B) ⁴ :		1.093	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.0%	37.5%	2.5%	0.0%	NW	0	N/A
Hispanic	70.9%	25.5%	3.6%	0.0%	White	1	N/A
White	65.4%	33.1%	1.5%	0.0%			
Other	70.0%	26.7%	3.3%	0.0%			
Chi-Square ³ :		.588		not sig.		Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT A-7)**

Total Stops: 892	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		34.3%	Stops per 1000 18+ residents:			
	Passing through:		65.7%	1.5			
All stops				ITP¹ Stops (N = 236, 26.5% of stops)			
Mean age		41.46		Mean age		39.38	
Gender %				Gender %			
Female		32.9%		Female		29.4%	
Male		65.9%		Male		69.8%	
Non-binary		1.2%		Non-binary		0.9%	
Race %				Race %			
AA/Black		13.8%		AA/Black		15.3%	
Hispanic		40.8%		Hispanic		34.5%	
White		40.7%		White		46.7%	
Other		4.7%		Other		3.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	13.8%	25.2%	-11.4%	AA/Black	13.8%	15.7%	-1.9%
Hispanic	40.8%	19.8%	21.0%	Hispanic	40.8%	14.7%	26.1%
White	40.7%	44.5%	-3.8%	White	40.7%	65.5%	-24.8%
Other	4.7%	15.4%	-10.7%	Other	4.7%	4.1%	0.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	482	56.3%	76.6%	NW	103	46.8%	83.3%
White	318	43.7%	23.4%	White	89	53.2%	16.7%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.000*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.390*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.188*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	81.4%	13.6%	5.1%	0.0%	NW	5	N/A
Hispanic	83.1%	12.9%	3.7%	0.3%	White	2	N/A
White	89.7%	8.0%	2.0%	0.3%			
Other	85.0%	15.0%	0.0%	0.0%			
Chi-Square ³ :		.251	<i>not sig.</i>			Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT B-2)**

Total Stops: 3,880	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		15.6%	Stops per 1000 18+ residents:			
	Passing through:		84.4%	6.7			
All stops				ITP¹ Stops (N = 1,319, 34% of stops)			
Mean age		38.42		Mean age		38.4	
Gender %				Gender %			
Female		35.6%		Female		37.1%	
Male		60.6%		Male		58.6%	
Non-binary		3.8%		Non-binary		4.3%	
Race %				Race %			
AA/Black		53.2%		AA/Black		52.9%	
Hispanic		22.1%		Hispanic		18.7%	
White		21.1%		White		24.1%	
Other		3.5%		Other		4.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	53.2%	25.2%	28.0%	AA/Black	53.2%	15.7%	37.5%
Hispanic	22.1%	19.8%	2.3%	Hispanic	22.1%	14.7%	7.4%
White	21.1%	44.5%	-23.4%	White	21.1%	65.5%	-44.4%
Other	3.5%	15.4%	-11.9%	Other	3.5%	4.1%	-0.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,552	75.9%	83.7%	NW	806	73.0%	79.4%
White	687	24.1%	16.3%	White	267	27.0%	20.6%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.023*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.613*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.734	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	87.9%	9.8%	1.8%	0.5%	NW	308	N/A
Hispanic	83.9%	15.2%	0.8%	0.1%	White	88	N/A
White	91.8%	6.5%	0.8%	0.8%			
Other	95.1%	4.9%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT B-3)**

Total Stops: 2,586	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		12.8%	Stops per 1000 18+ residents:			
	Passing through:		87.2%	4.4			
All stops				ITP¹ Stops (N = 864, 33.4% of stops)			
Mean age		35.41		Mean age		35.85	
Gender %				Gender %			
Female		29.3%		Female		29.4%	
Male		62.2%		Male		64.0%	
Non-binary		8.5%		Non-binary		6.6%	
Race %				Race %			
AA/Black		72.1%		AA/Black		75.9%	
Hispanic		17.2%		Hispanic		14.8%	
White		9.6%		White		8.6%	
Other		1.1%		Other		0.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	72.1%	25.2%	46.9%	AA/Black	72.1%	15.7%	56.4%
Hispanic	17.2%	19.8%	-2.6%	Hispanic	17.2%	14.7%	2.5%
White	9.6%	44.5%	-34.9%	White	9.6%	65.5%	-55.9%
Other	1.1%	15.4%	-14.3%	Other	1.1%	4.1%	-3.0%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,932	89.0%	92.2%	NW	656	90.5%	92.4%
White	208	11.0%	7.8%	White	64	9.5%	7.6%
Chi-Square ³ :		.015*	<i>sig.</i>	Chi-Square ³ :		.380	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.720*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.003	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	72.4%	15.5%	8.7%	3.4%	NW	16	N/A
Hispanic	66.3%	23.5%	9.2%	1.0%	White	1	N/A
White	79.5%	15.1%	4.1%	1.4%			
Other	73.1%	19.2%	7.7%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT C-6)**

Total Stops: 2,864	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		19.5%	Stops per 1000 18+ residents:			
	Passing through:		80.5%	4.9			
All stops				ITP¹ Stops (N = 997, 34.8% of stops)			
Mean age		38.25		Mean age		37.37	
Gender %				Gender %			
Female		34.5%		Female		33.3%	
Male		61.9%		Male		64.1%	
Non-binary		3.6%		Non-binary		2.6%	
Race %				Race %			
AA/Black		25.6%		AA/Black		25.1%	
Hispanic		13.3%		Hispanic		13.0%	
White		57.1%		White		57.7%	
Other		4.1%		Other		4.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	25.6%	25.2%	0.4%	AA/Black	25.6%	15.7%	9.9%
Hispanic	13.3%	19.8%	-6.5%	Hispanic	13.3%	14.7%	-1.4%
White	57.1%	44.5%	12.6%	White	57.1%	65.5%	-8.4%
Other	4.1%	15.4%	-11.3%	Other	4.1%	4.1%	0.0%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,007	36.7%	57.4%	NW	337	43.0%	44.4%
White	1,307	63.3%	42.6%	White	436	57.0%	55.6%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.693	not sig.
Odds ratio Exp(B) ⁴ :		.421*	sig.	Odds ratio Exp(B) ⁴ :		.758	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	87.0%	11.7%	1.2%	0.2%	NW	5	N/A
Hispanic	77.5%	20.5%	1.8%	0.3%	White	3	N/A
White	89.4%	10.5%	0.1%	0.1%			
Other	87.7%	11.3%	0.9%	0.0%			
Chi-Square ³ :		.000*	sig.				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT C-11)**

Total Stops: 2,813	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 43.7%			Stops per 1000 18+ residents: 4.8			
	Passing through: 56.3%						
All stops				ITP¹ Stops (N = 666, 23.7% of stops)			
Mean age		41.08		Mean age		39.45	
Gender %				Gender %			
Female		37.9%		Female		37.0%	
Male		60.2%		Male		61.7%	
Non-binary		1.9%		Non-binary		1.4%	
Race %				Race %			
AA/Black		56.5%		AA/Black		52.7%	
Hispanic		14.3%		Hispanic		16.1%	
White		20.7%		White		20.4%	
Other		8.5%		Other		10.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	56.5%	25.2%	31.3%	AA/Black	56.5%	15.7%	40.8%
Hispanic	14.3%	19.8%	-5.5%	Hispanic	14.3%	14.7%	-0.4%
White	20.7%	44.5%	-23.8%	White	20.7%	65.5%	-44.8%
Other	8.5%	15.4%	-6.9%	Other	8.5%	4.1%	4.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,958	77.9%	81.8%	NW	439	80.3%	78.2%
White	515	22.1%	18.2%	White	112	19.7%	21.8%
Chi-Square ³ :		.026*	<i>sig.</i>	Chi-Square ³ :		.569	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.789*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.393	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	86.0%	9.2%	3.7%	1.1%	NW	8	N/A
Hispanic	86.4%	10.9%	2.7%	0.0%	White	0	N/A
White	90.2%	7.2%	2.4%	0.2%			
Other	93.3%	4.9%	1.3%	0.4%		Counts	Percent
Chi-Square ³ :		.007*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT D-4)**

Total Stops: 2,077	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 8.3%			Stops per 1000 18+ residents: 3.6			
	Passing through: 91.7%						
All stops				ITP¹ Stops (N = 649, 31.2% of stops)			
Mean age		39.3		Mean age		38.77	
Gender %				Gender %			
Female		27.5%		Female		27.0%	
Male		62.5%		Male		64.1%	
Non-binary		9.9%		Non-binary		8.8%	
Race %				Race %			
AA/Black		34.5%		AA/Black		31.5%	
Hispanic		16.5%		Hispanic		15.2%	
White		41.9%		White		43.9%	
Other		7.0%		Other		9.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	34.5%	25.2%	9.3%	AA/Black	34.5%	15.7%	18.8%
Hispanic	16.5%	19.8%	-3.3%	Hispanic	16.5%	14.7%	1.8%
White	41.9%	44.5%	-2.6%	White	41.9%	65.5%	-23.6%
Other	7.0%	15.4%	-8.4%	Other	7.0%	4.1%	2.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	937	55.2%	62.9%	NW	288	53.4%	60.0%
White	676	44.8%	37.1%	White	223	46.6%	40.0%
Chi-Square ³ :		.003*	<i>sig.</i>	Chi-Square ³ :		.133	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.706*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.700	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	83.9%	14.1%	1.8%	0.2%	NW	14	N/A
Hispanic	74.8%	21.7%	3.5%	0.0%	White	3	N/A
White	86.4%	12.8%	0.8%	0.0%			
Other	90.2%	9.8%	0.0%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT D-14)**

Total Stops: 538	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		16.4%	Stops per 1000 18+ residents:			
	Passing through:		83.6%	0.9			
All stops				ITP¹ Stops (N = 140, 26% of stops)			
Mean age		39.48		Mean age		39.49	
Gender %				Gender %			
Female		35.0%		Female		37.9%	
Male		62.9%		Male		61.4%	
Non-binary		2.0%		Non-binary		0.7%	
Race %				Race %			
AA/Black		20.6%		AA/Black		26.1%	
Hispanic		8.6%		Hispanic		7.6%	
White		59.8%		White		56.3%	
Other		11.0%		Other		10.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	20.6%	25.2%	-4.6%	AA/Black	20.6%	15.7%	4.9%
Hispanic	8.6%	19.8%	-11.2%	Hispanic	8.6%	14.7%	-6.1%
White	59.8%	44.5%	15.3%	White	59.8%	65.5%	-5.7%
Other	11.0%	15.4%	-4.4%	Other	11.0%	4.1%	6.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	175	34.8%	53.9%	NW	45	38.1%	56.5%
White	272	65.2%	46.1%	White	62	61.9%	43.5%
Chi-Square ³ :		.001*	<i>sig.</i>	Chi-Square ³ :		.113	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.459*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.403	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	83.2%	15.8%	0.0%	1.0%	NW	0	N/A
Hispanic	81.0%	19.0%	0.0%	0.0%	White	1	N/A
White	91.8%	6.8%	1.0%	0.3%			
Other	94.4%	5.6%	0.0%	0.0%			
Chi-Square ³ :		.074				Counts	Percent
		<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT E-5)**

Total Stops: 3,812	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 15.6%			Stops per 1000 18+ residents: 6.5			
	Passing through: 84.4%						
All stops				ITP¹ Stops (N = 1,341, 35.2% of stops)			
Mean age		41.87		Mean age		42.31	
Gender %				Gender %			
Female		43.1%		Female		45.3%	
Male		55.4%		Male		53.2%	
Non-binary		1.5%		Non-binary		1.6%	
Race %				Race %			
AA/Black		30.6%		AA/Black		30.3%	
Hispanic		17.8%		Hispanic		16.6%	
White		47.6%		White		48.4%	
Other		4.0%		Other		4.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	30.6%	25.2%	5.4%	AA/Black	30.6%	15.7%	14.9%
Hispanic	17.8%	19.8%	-2.0%	Hispanic	17.8%	14.7%	3.1%
White	47.6%	44.5%	3.1%	White	47.6%	65.5%	-17.9%
Other	4.0%	15.4%	-11.4%	Other	4.0%	4.1%	-0.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,823	51.9%	57.8%	NW	622	51.9%	51.5%
White	1,645	48.1%	42.2%	White	577	48.1%	48.5%
Chi-Square ³ :		.028*	<i>sig.</i>	Chi-Square ³ :		.911	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.749*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.989	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	87.4%	10.1%	2.5%	0.1%	NW	24	N/A
Hispanic	83.0%	13.7%	3.2%	0.2%	White	24	N/A
White	92.6%	6.1%	1.2%	0.1%			
Other	94.6%	5.4%	0.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT E-13)**

Total Stops: 1,554	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		14.2%	Stops per 1000 18+ residents:				2.7
	Passing through:		85.8%					
All stops				ITP¹ Stops (N = 727, 46.8% of stops)				
Mean age		36.92		Mean age		37.17		
Gender %				Gender %				
Female		40.2%		Female		42.6%		
Male		58.6%		Male		56.4%		
Non-binary		1.2%		Non-binary		1.0%		
Race %				Race %				
AA/Black		43.4%		AA/Black		40.3%		
Hispanic		24.7%		Hispanic		23.9%		
White		28.3%		White		30.2%		
Other		3.7%		Other		5.6%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif		
AA/Black	43.4%	25.2%	18.2%	AA/Black	43.4%	15.7%	27.7%	
Hispanic	24.7%	19.8%	4.9%	Hispanic	24.7%	14.7%	10.0%	
White	28.3%	44.5%	-16.2%	White	28.3%	65.5%	-37.2%	
Other	3.7%	15.4%	-11.7%	Other	3.7%	4.1%	-0.4%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	1,003	72.1%	70.5%	NW	451	70.6%	67.1%	
White	394	27.9%	29.5%	White	195	29.4%	32.9%	
Chi-Square ³ :		.580	<i>not sig.</i>	Chi-Square ³ :		.413	<i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		1.190	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.570	<i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest	Search?			
AA/Black	84.3%	8.4%	6.9%	0.3%	NW	4	N/A	
Hispanic	85.9%	8.6%	5.1%	0.3%	White	1	N/A	
White	85.9%	9.4%	4.7%	0.0%				
Other	92.7%	3.6%	3.6%	0.0%				
Chi-Square ³ :		.656	<i>not sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (DISTRICT E-18)**

Total Stops: 3,508	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		31.4%	Stops per 1000 18+ residents:			
	Passing through:		68.6%	6			
All stops				ITP¹ Stops (N = 1,609, 45.9% of stops)			
Mean age		38.64		Mean age		38.18	
Gender %				Gender %			
Female		37.5%		Female		39.8%	
Male		53.2%		Male		58.3%	
Non-binary		9.4%		Non-binary		1.9%	
Race %				Race %			
AA/Black		58.7%		AA/Black		56.2%	
Hispanic		20.9%		Hispanic		23.3%	
White		19.0%		White		18.9%	
Other		1.4%		Other		1.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	58.7%	25.2%	33.5%	AA/Black	58.7%	15.7%	43.0%
Hispanic	20.9%	19.8%	1.1%	Hispanic	20.9%	14.7%	6.2%
White	19.0%	44.5%	-25.5%	White	19.0%	65.5%	-46.5%
Other	1.4%	15.4%	-14.0%	Other	1.4%	4.1%	-2.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,342	79.6%	85.3%	NW	1,142	80.0%	83.0%
White	545	20.4%	14.7%	White	269	20.0%	17.0%
Chi-Square ³ :		.001*	<i>sig.</i>	Chi-Square ³ :		.185	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.638*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.745	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	89.0%	6.2%	4.4%	0.3%	NW	8	N/A
Hispanic	84.4%	11.2%	3.8%	0.6%	White	1	N/A
White	90.5%	4.9%	4.4%	0.2%			
Other	93.3%	6.7%	0.0%	0.0%			
Chi-Square ³ :		.001* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT (SPECIAL OPERATIONS)**

Total Stops: 885	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	1.5			
All stops				ITP¹ Stops (N = 254, 28.7% of stops)			
Mean age		39.37		Mean age		37.95	
Gender %				Gender %			
Female		26.7%		Female		24.9%	
Male		66.3%		Male		66.3%	
Non-binary		7.1%		Non-binary		8.8%	
Race %				Race %			
AA/Black		38.7%		AA/Black		38.9%	
Hispanic		15.4%		Hispanic		17.5%	
White		38.7%		White		37.9%	
Other		7.1%		Other		5.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	38.7%	25.2%	13.5%	AA/Black	38.7%	15.7%	23.0%
Hispanic	15.4%	19.8%	-4.4%	Hispanic	15.4%	14.7%	0.7%
White	38.7%	44.5%	-5.8%	White	38.7%	65.5%	-26.8%
Other	7.1%	15.4%	-8.3%	Other	7.1%	4.1%	3.0%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	339	60.2%	65.2%	NW	111	63.3%	58.8%
White	215	39.8%	34.8%	White	68	36.7%	41.2%
Chi-Square ³ :		.332	<i>not sig.</i>	Chi-Square ³ :		.579	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.843	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.819	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.4%	30.5%	8.2%	2.0%	NW	4	N/A
Hispanic	75.5%	21.6%	1.0%	2.0%	White	1	N/A
White	79.7%	15.6%	3.9%	0.8%			
Other	74.5%	21.3%	4.3%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
BOSTON POLICE DEPARTMENT**

Total Stops: 25,029	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: 21.0%			Stops per 1000 18+ residents: 42.96			
	Passing through: 79.0%						
All stops				ITP¹ Stops (N = 8,949, 35.8% of stops)			
Mean age		39.12		Mean age		38.64	
Gender %				Gender %			
Female		35.6%		Female		36.8%	
Male		59.6%		Male		59.9%	
Non-binary		4.8%		Non-binary		3.4%	
Race %				Race %			
AA/Black		44.6%		AA/Black		44.5%	
Hispanic		18.7%		Hispanic		18.3%	
White		32.4%		White		32.6%	
Other		4.3%		Other		4.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	44.6%	25.2%	19.4%	AA/Black	44.6%	15.7%	28.9%
Hispanic	18.7%	19.8%	-1.1%	Hispanic	18.7%	14.7%	4.0%
White	32.4%	44.5%	-12.1%	White	32.4%	65.5%	-33.1%
Other	4.3%	15.4%	-11.1%	Other	4.3%	4.1%	0.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	14,773	64.7%	75.7%	NW	5,054	66.5%	70.1%
White	7,021	35.3%	24.3%	White	2,426	33.5%	29.9%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.003*	sig.
Odds ratio Exp(B) ⁴ :		.584*	sig.	Odds ratio Exp(B) ⁴ :		.848*	sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	83.6%	11.3%	4.2%	0.9%	NW	396	24.1%
Hispanic	81.1%	15.2%	3.4%	0.3%	White	126	75.9%
White	88.7%	9.4%	1.6%	0.2%			
Other	90.4%	8.4%	1.1%	0.1%			
Chi-Square ³ :		.000* sig.					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE AGENCIES

Troop-Level Analyses Start on Page 363

2020 UNIFORM CITATION DATA ANALYSIS REPORT

Massachusetts State Police Troop Boundaries¹¹

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, Hindsdale, 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

¹¹ Massachusetts State Police Troop boundary information obtained from: <https://www.mass.gov/info-details/massachusetts-state-police-troop-boundaries>

2020 UNIFORM CITATION DATA ANALYSIS REPORT

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, Philipston, 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

2020 UNIFORM CITATION DATA ANALYSIS REPORT

State Police Troop D-6: Chillmark, 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.

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE ACADEMY**

Total Stops: 1,949	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 605, 31.4% of stops)			
Mean age		35.4		Mean age		35.6	
Gender %				Gender %			
Female		28.2%		Female		25.3%	
Male		71.4%		Male		74.2%	
Non-binary		0.4%		Non-binary		0.5%	
Race %				Race %			
AA/Black		20.3%		AA/Black		17.5%	
Hispanic		20.8%		Hispanic		20.5%	
White		54.3%		White		56.6%	
Other		4.6%		Other		5.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	20.3%	N/A	N/A	AA/Black	20.3%	15.7%	4.6%
Hispanic	20.8%	N/A	N/A	Hispanic	20.8%	14.7%	6.1%
White	54.3%	N/A	N/A	White	54.3%	65.5%	-11.2%
Other	4.6%	N/A	N/A	Other	4.6%	4.1%	0.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	840	39.8%	57.0%	NW	228	41.9%	51.0%
White	996	60.2%	43.0%	White	295	58.1%	49.0%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.100	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.531*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.666	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	53.7%	29.0%	12.9%	4.4%	NW	17	N/A
Hispanic	49.7%	30.9%	14.3%	5.0%	White	10	N/A
White	54.8%	35.1%	7.7%	2.5%			
Other	52.3%	42.0%	3.4%	2.3%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE COMMERCIAL VEHICLE ENFORCEMENT**

Total Stops: 4,302	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 1738, 40.4% of stops)			
Mean age		37.8		Mean age		37.1	
Gender %				Gender %			
Female		12.7%		Female		12.5%	
Male		87.0%		Male		87.2%	
Non-binary		0.3%		Non-binary		0.3%	
Race %				Race %			
AA/Black		12.1%		AA/Black		12.7%	
Hispanic		18.8%		Hispanic		18.9%	
White		66.2%		White		65.2%	
Other		2.9%		Other		3.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	12.1%	N/A	N/A	AA/Black	12.1%	15.7%	-3.6%
Hispanic	18.8%	N/A	N/A	Hispanic	18.8%	14.7%	4.1%
White	66.2%	N/A	N/A	White	66.2%	65.5%	0.7%
Other	2.9%	N/A	N/A	Other	2.9%	4.1%	-1.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	781	32.8%	39.2%	NW	347	33.8%	37.0%
White	1,546	67.2%	60.8%	White	659	66.2%	63.0%
Chi-Square ³ :		.034*	<i>sig.</i>	Chi-Square ³ :		.395	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.785	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.951	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	22.7%	67.8%	9.2%	0.3%	NW	1	N/A
Hispanic	23.9%	65.9%	10.0%	0.2%	White	8	N/A
White	36.1%	59.2%	4.6%	0.1%			
Other	30.0%	68.6%	1.4%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE COMMUNITY ACTION**

Total Stops: 2,939	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 889, 30.2% of stops)			
Mean age		35.3		Mean age		34.8	
Gender %				Gender %			
Female		25.9%		Female		27.4%	
Male		73.8%		Male		72.1%	
Non-binary		0.3%		Non-binary		0.6%	
Race %				Race %			
AA/Black		29.1%		AA/Black		31.6%	
Hispanic		20.5%		Hispanic		18.8%	
White		44.6%		White		44.1%	
Other		5.8%		Other		5.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	29.1%	N/A	N/A	AA/Black	29.1%	15.7%	13.4%
Hispanic	20.5%	N/A	N/A	Hispanic	20.5%	14.7%	5.8%
White	44.6%	N/A	N/A	White	44.6%	65.5%	-20.9%
Other	5.8%	N/A	N/A	Other	5.8%	4.1%	1.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,566	53.9%	58.2%	NW	446	56.1%	54.5%
White	1,272	46.1%	41.8%	White	360	43.9%	45.5%
Chi-Square ³ :		.038*	<i>sig.</i>	Chi-Square ³ :		.645	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.821*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.999	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.5%	29.0%	12.5%	2.0%	NW	10	N/A
Hispanic	47.1%	31.9%	17.4%	3.5%	White	3	N/A
White	58.6%	32.1%	7.9%	1.3%			
Other	55.4%	35.7%	8.9%	0.0%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE GENERAL HEADQUARTERS**

Total Stops: 2,980	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 854, 28.7% of stops)			
Mean age		35		Mean age		35.4	
Gender %				Gender %			
Female		29.7%		Female		28.5%	
Male		68.3%		Male		68.9%	
Non-binary		2.0%		Non-binary		2.6%	
Race %				Race %			
AA/Black		17.8%		AA/Black		16.8%	
Hispanic		17.1%		Hispanic		15.7%	
White		60.4%		White		62.8%	
Other		4.7%		Other		4.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	17.8%	N/A	N/A	AA/Black	17.8%	15.7%	2.1%
Hispanic	17.1%	N/A	N/A	Hispanic	17.1%	14.7%	2.4%
White	60.4%	N/A	N/A	White	60.4%	65.5%	-5.1%
Other	4.7%	N/A	N/A	Other	4.7%	4.1%	0.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,075	33.4%	48.9%	NW	279	34.6%	47.5%
White	1,642	66.6%	51.1%	White	453	65.4%	52.5%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.001*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.551*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.611*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	44.0%	39.9%	13.8%	2.4%	NW	16	N/A
Hispanic	45.1%	40.2%	12.7%	2.0%	White	10	N/A
White	44.2%	48.4%	6.5%	0.9%			
Other	38.5%	52.6%	8.1%	0.7%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE K-9**

Total Stops: 105	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops N/A			
Mean age		32.8		Mean age		N/A	
Gender %				Gender %			
Female		19.0%		Female		N/A	
Male		81.0%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		8.7%		AA/Black		N/A	
Hispanic		22.1%		Hispanic		N/A	
White		64.4%		White		N/A	
Other		4.8%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.7%	N/A	N/A	AA/Black	8.7%	15.7%	-7.0%
Hispanic	22.1%	N/A	N/A	Hispanic	22.1%	14.7%	7.4%
White	64.4%	N/A	N/A	White	64.4%	65.5%	-1.1%
Other	4.8%	N/A	N/A	Other	4.8%	4.1%	0.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	32	34.8%	36.9%	NW	N/A	N/A	N/A
White	56	65.2%	63.1%	White	N/A	N/A	N/A
Chi-Square ³ :		.854	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.722	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	11.1%	88.9%	0.0%	0.0%	NW	0	N/A
Hispanic	34.8%	65.2%	0.0%	0.0%	White	0	N/A
White	29.9%	58.2%	7.5%	4.5%			
Other	20.0%	80.0%	0.0%	0.0%			
Chi-Square ³ :		.609	<i>not sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE MOTORCYCLE SECTION**

Total Stops: 528	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 200, 37.9% of stops)			
Mean age		35.6		Mean age		35.5	
Gender %				Gender %			
Female		33.1%		Female		27.1%	
Male		66.9%		Male		72.9%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		19.6%		AA/Black		19.3%	
Hispanic		12.1%		Hispanic		13.2%	
White		62.6%		White		62.9%	
Other		5.8%		Other		4.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	19.6%	N/A	N/A	AA/Black	19.6%	15.7%	3.9%
Hispanic	12.1%	N/A	N/A	Hispanic	12.1%	14.7%	-2.6%
White	62.6%	N/A	N/A	White	62.6%	65.5%	-2.9%
Other	5.8%	N/A	N/A	Other	5.8%	4.1%	1.7%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	189	35.9%	46.0%	NW	68	36.6%	44.4%
White	309	64.1%	54.0%	White	110	63.4%	55.6%
Chi-Square ³ :		.064 <i>not sig.</i>		Chi-Square ³ :		.388 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.716 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		.643 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	44.1%	45.1%	8.8%	2.0%	NW	0	N/A
Hispanic	36.5%	58.7%	4.8%	0.0%	White	1	N/A
White	57.1%	41.4%	1.5%	0.0%			
Other	43.3%	53.3%	3.3%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE SPECIAL ASSIGNMENT**

Total Stops: 487	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 162, 33.3% of stops)			
Mean age		36.2		Mean age		34.8	
Gender %				Gender %			
Female		29.6%		Female		27.5%	
Male		70.4%		Male		72.5%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		15.4%		AA/Black		11.9%	
Hispanic		9.3%		Hispanic		13.1%	
White		71.6%		White		71.9%	
Other		3.7%		Other		3.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	15.4%	N/A	N/A	AA/Black	15.4%	15.7%	-0.3%
Hispanic	9.3%	N/A	N/A	Hispanic	9.3%	14.7%	-5.4%
White	71.6%	N/A	N/A	White	71.6%	65.5%	6.1%
Other	3.7%	N/A	N/A	Other	3.7%	4.1%	-0.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	134	30.5%	25.9%	NW	42	32.3%	22.2%
White	335	69.5%	74.1%	White	105	67.7%	77.8%
Chi-Square ³ :		.274	<i>not sig.</i>	Chi-Square ³ :		.194	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.359	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		2.367	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	35.1%	54.1%	5.4%	5.4%	NW	4	N/A
Hispanic	37.8%	51.1%	6.7%	4.4%	White	3	N/A
White	25.8%	70.1%	2.9%	1.2%			
Other	16.7%	77.8%	5.6%	0.0%			
Chi-Square ³ :		.035* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A HEADQUARTERS**

Total Stops: 654	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 213, 32.6% of stops)			
Mean age		36.3		Mean age		37.4	
Gender %				Gender %			
Female		27.5%		Female		27.8%	
Male		72.5%		Male		72.2%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		12.7%		AA/Black		14.2%	
Hispanic		17.5%		Hispanic		15.2%	
White		63.0%		White		64.0%	
Other		6.8%		Other		6.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	12.7%	N/A	N/A	AA/Black	12.7%	15.7%	-3.0%
Hispanic	17.5%	N/A	N/A	Hispanic	17.5%	14.7%	2.8%
White	63.0%	N/A	N/A	White	63.0%	65.5%	-2.5%
Other	6.8%	N/A	N/A	Other	6.8%	4.1%	2.7%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	229	35.9%	42.0%	NW	66	37.2%	26.7%
White	388	64.1%	58.0%	White	120	62.8%	73.3%
Chi-Square ³ :		.218 <i>not sig.</i>		Chi-Square ³ :		.270 <i>not sig.</i>	
Odds ratio Exp(B) ⁴ :		.721 <i>not sig.</i>		Odds ratio Exp(B) ⁴ :		2.078 <i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	32.5%	59.0%	4.8%	3.6%	NW	1	N/A
Hispanic	24.6%	64.9%	7.9%	2.6%	White	2	N/A
White	30.5%	66.6%	2.4%	0.5%			
Other	15.9%	81.8%	0.0%	2.3%		Counts	Percent
Chi-Square ³ :		.007* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-1**

Total Stops: 6,717	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 2025, 30.1% of stops)			
Mean age		34.5		Mean age		34.4	
Gender %				Gender %			
Female		27.4%		Female		26.2%	
Male		72.3%		Male		73.5%	
Non-binary		0.3%		Non-binary		0.3%	
Race %				Race %			
AA/Black		11.2%		AA/Black		9.7%	
Hispanic		31.0%		Hispanic		30.4%	
White		52.2%		White		55.1%	
Other		5.6%		Other		4.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.2%	N/A	N/A	AA/Black	11.2%	15.7%	-4.5%
Hispanic	31.0%	N/A	N/A	Hispanic	31.0%	14.7%	16.3%
White	52.2%	N/A	N/A	White	52.2%	65.5%	-13.3%
Other	5.6%	N/A	N/A	Other	5.6%	4.1%	1.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,537	41.6%	56.9%	NW	790	43.3%	48.2%
White	3,285	58.4%	43.1%	White	968	56.7%	51.8%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.051	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.553*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.883	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.9%	35.7%	10.0%	3.4%	NW	21	N/A
Hispanic	48.9%	33.1%	14.1%	3.9%	White	31	N/A
White	48.9%	41.0%	7.3%	2.8%			
Other	47.5%	43.7%	7.8%	1.1%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-2**

Total Stops: 3,713	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 1120, 30.2% of stops)			
Mean age		36.4		Mean age		36.6	
Gender %				Gender %			
Female		33.7%		Female		33.3%	
Male		65.9%		Male		66.5%	
Non-binary		0.4%		Non-binary		0.2%	
Race %				Race %			
AA/Black		6.5%		AA/Black		4.8%	
Hispanic		13.8%		Hispanic		13.0%	
White		76.7%		White		80.0%	
Other		3.0%		Other		2.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.5%	N/A	N/A	AA/Black	6.5%	15.7%	-9.2%
Hispanic	13.8%	N/A	N/A	Hispanic	13.8%	14.7%	-0.9%
White	76.7%	N/A	N/A	White	76.7%	65.5%	11.2%
Other	3.0%	N/A	N/A	Other	3.0%	4.1%	-1.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	820	21.8%	27.8%	NW	192	19.9%	20.2%
White	2,656	78.2%	72.2%	White	767	80.1%	79.8%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.929	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.699*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.847	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.1%	33.3%	8.9%	1.7%	NW	6	N/A
Hispanic	55.7%	26.2%	15.9%	2.2%	White	11	N/A
White	62.2%	31.9%	5.2%	0.7%			
Other	53.6%	38.4%	5.4%	2.7%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-3**

Total Stops: 4,662	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 1451, 31.1% of stops)			
Mean age		34.9		Mean age		35.1	
Gender %				Gender %			
Female		26.4%		Female		24.4%	
Male		73.1%		Male		74.9%	
Non-binary		0.6%		Non-binary		0.7%	
Race %				Race %			
AA/Black		13.8%		AA/Black		10.9%	
Hispanic		18.4%		Hispanic		19.2%	
White		58.7%		White		59.5%	
Other		9.1%		Other		10.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	13.8%	N/A	N/A	AA/Black	13.8%	15.7%	-1.9%
Hispanic	18.4%	N/A	N/A	Hispanic	18.4%	14.7%	3.7%
White	58.7%	N/A	N/A	White	58.7%	65.5%	-6.8%
Other	9.1%	N/A	N/A	Other	9.1%	4.1%	5.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,795	37.1%	47.8%	NW	496	40.4%	37.6%
White	2,569	62.9%	52.2%	White	758	59.6%	62.4%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.355	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.646*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.199	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	59.7%	23.1%	12.7%	4.4%	NW	6	N/A
Hispanic	51.9%	26.3%	19.1%	2.6%	White	5	N/A
White	61.4%	30.3%	6.4%	1.8%			
Other	60.4%	31.4%	5.8%	2.4%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-4**

Total Stops: 4,086	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 937, 22.9% of stops)			
Mean age		36.7		Mean age		36.5	
Gender %				Gender %			
Female		25.9%		Female		25.6%	
Male		73.4%		Male		73.9%	
Non-binary		0.7%		Non-binary		0.5%	
Race %				Race %			
AA/Black		17.6%		AA/Black		14.8%	
Hispanic		24.8%		Hispanic		20.1%	
White		49.7%		White		57.4%	
Other		7.9%		Other		7.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	17.6%	N/A	N/A	AA/Black	17.6%	15.7%	1.9%
Hispanic	24.8%	N/A	N/A	Hispanic	24.8%	14.7%	10.1%
White	49.7%	N/A	N/A	White	49.7%	65.5%	-15.8%
Other	7.9%	N/A	N/A	Other	7.9%	4.1%	3.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,951	44.5%	58.9%	NW	343	40.0%	44.7%
White	1,925	55.5%	41.1%	White	479	60.0%	55.3%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.186	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.565*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.913	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	64.3%	19.8%	13.6%	2.4%	NW	11	N/A
Hispanic	55.4%	19.6%	21.0%	4.0%	White	8	N/A
White	64.5%	22.8%	10.6%	2.2%			
Other	65.7%	24.8%	7.5%	1.9%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-5**

Total Stops: 2,886	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 716, 24.8% of stops)			
Mean age		35.5		Mean age		36.4	
Gender %				Gender %			
Female		24.7%		Female		25.6%	
Male		74.0%		Male		73.7%	
Non-binary		1.3%		Non-binary		0.7%	
Race %				Race %			
AA/Black		15.7%		AA/Black		11.5%	
Hispanic		34.6%		Hispanic		34.8%	
White		44.2%		White		47.5%	
Other		5.4%		Other		6.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	15.7%	N/A	N/A	AA/Black	15.7%	15.7%	0.0%
Hispanic	34.6%	N/A	N/A	Hispanic	34.6%	14.7%	19.9%
White	44.2%	N/A	N/A	White	44.2%	65.5%	-21.3%
Other	5.4%	N/A	N/A	Other	5.4%	4.1%	1.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,550	47.8%	68.2%	NW	338	52.8%	52.3%
White	1,220	52.2%	31.8%	White	303	47.2%	47.7%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.914	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.427*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.921	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	49.0%	24.3%	20.5%	6.2%	NW	11	N/A
Hispanic	39.4%	30.8%	23.1%	6.8%	White	7	N/A
White	55.7%	30.3%	10.5%	3.4%			
Other	43.8%	45.8%	5.9%	4.6%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP A-6**

Total Stops: 4,277	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 1247, 29.2% of stops)			
Mean age		35.7		Mean age		35.5	
Gender %				Gender %			
Female		27.3%		Female		26.2%	
Male		72.1%		Male		73.0%	
Non-binary		0.5%		Non-binary		0.7%	
Race %				Race %			
AA/Black		11.1%		AA/Black		8.7%	
Hispanic		18.0%		Hispanic		18.5%	
White		65.7%		White		67.0%	
Other		5.2%		Other		5.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.1%	N/A	N/A	AA/Black	11.1%	15.7%	-4.6%
Hispanic	18.0%	N/A	N/A	Hispanic	18.0%	14.7%	3.3%
White	65.7%	N/A	N/A	White	65.7%	65.5%	0.2%
Other	5.2%	N/A	N/A	Other	5.2%	4.1%	1.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,361	31.3%	38.2%	NW	377	34.8%	30.0%
White	2,615	68.7%	61.8%	White	758	65.2%	70.0%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.109	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.724*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.335	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.9%	27.1%	12.2%	5.8%	NW	5	N/A
Hispanic	47.6%	25.9%	20.8%	5.7%	White	20	N/A
White	56.2%	30.1%	10.3%	3.4%			
Other	60.0%	30.0%	4.5%	5.5%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B HEADQUARTERS**

Total Stops: 3,611	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 1707, 47.3% of stops)			
Mean age		34.5		Mean age		34.1	
Gender %				Gender %			
Female		31.4%		Female		29.3%	
Male		68.4%		Male		70.3%	
Non-binary		0.2%		Non-binary		0.4%	
Race %				Race %			
AA/Black		11.9%		AA/Black		11.4%	
Hispanic		27.2%		Hispanic		31.9%	
White		58.4%		White		54.7%	
Other		2.5%		Other		2.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.9%	N/A	N/A	AA/Black	11.9%	15.7%	-3.8%
Hispanic	27.2%	N/A	N/A	Hispanic	27.2%	14.7%	12.5%
White	58.4%	N/A	N/A	White	58.4%	65.5%	-7.1%
Other	2.5%	N/A	N/A	Other	2.5%	4.1%	-1.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,399	36.0%	48.5%	NW	686	43.3%	46.5%
White	1,991	64.0%	51.5%	White	849	56.7%	53.5%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.215	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.569*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.858	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	28.1%	48.9%	19.0%	4.0%	NW	9	N/A
Hispanic	29.9%	38.6%	26.4%	5.0%	White	9	N/A
White	30.6%	58.2%	9.2%	2.0%			
Other	20.2%	75.3%	4.5%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-1**

Total Stops: 2,963	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 731, 24.7% of stops)			
Mean age		39.2		Mean age		37.4	
Gender %				Gender %			
Female		39.4%		Female		35.8%	
Male		60.5%		Male		64.1%	
Non-binary		0.1%		Non-binary		0.1%	
Race %				Race %			
AA/Black		8.6%		AA/Black		9.1%	
Hispanic		8.0%		Hispanic		6.3%	
White		80.4%		White		82.4%	
Other		2.9%		Other		2.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.6%	N/A	N/A	AA/Black	8.6%	15.7%	-7.1%
Hispanic	8.0%	N/A	N/A	Hispanic	8.0%	14.7%	-6.7%
White	80.4%	N/A	N/A	White	80.4%	65.5%	14.9%
Other	2.9%	N/A	N/A	Other	2.9%	4.1%	-1.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	548	16.4%	28.7%	NW	113	16.7%	20.2%
White	2,255	83.6%	71.3%	White	526	83.3%	79.8%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.287	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.498*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.825	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.2%	28.0%	12.8%	4.0%	NW	1	N/A
Hispanic	51.1%	32.5%	13.9%	2.6%	White	0	N/A
White	64.2%	30.5%	4.5%	0.8%			
Other	68.2%	29.4%	1.2%	1.2%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-2**

Total Stops: 2,250	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 474, 21.1% of stops)			
Mean age		37.6		Mean age		36.1	
Gender %				Gender %			
Female		38.9%		Female		37.7%	
Male		60.9%		Male		61.9%	
Non-binary		0.2%		Non-binary		0.4%	
Race %				Race %			
AA/Black		7.7%		AA/Black		10.0%	
Hispanic		10.2%		Hispanic		15.4%	
White		78.9%		White		70.3%	
Other		3.2%		Other		4.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	7.7%	N/A	N/A	AA/Black	7.7%	15.7%	-8.0%
Hispanic	10.2%	N/A	N/A	Hispanic	10.2%	14.7%	-4.5%
White	78.9%	N/A	N/A	White	78.9%	65.5%	13.4%
Other	3.2%	N/A	N/A	Other	3.2%	4.1%	-0.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	455	20.5%	22.8%	NW	128	32.4%	27.2%
White	1,698	79.5%	77.2%	White	295	67.6%	72.8%
Chi-Square ³ :		.255	<i>not sig.</i>	Chi-Square ³ :		.249	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.782*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.834	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	45.3%	35.5%	15.7%	3.5%	NW	4	N/A
Hispanic	49.3%	29.1%	16.3%	5.3%	White	10	N/A
White	59.6%	28.6%	7.9%	3.9%			
Other	54.3%	42.9%	2.9%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-3**

Total Stops: 5,173	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 1544, 29.8% of stops)			
Mean age		32.9		Mean age		33	
Gender %				Gender %			
Female		28.2%		Female		26.3%	
Male		71.3%		Male		73.5%	
Non-binary		0.4%		Non-binary		0.2%	
Race %				Race %			
AA/Black		20.0%		AA/Black		17.9%	
Hispanic		45.0%		Hispanic		47.8%	
White		32.2%		White		32.4%	
Other		2.7%		Other		1.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	20.0%	N/A	N/A	AA/Black	20.0%	15.7%	4.3%
Hispanic	45.0%	N/A	N/A	Hispanic	45.0%	14.7%	30.3%
White	32.2%	N/A	N/A	White	32.2%	65.5%	-33.3%
Other	2.7%	N/A	N/A	Other	2.7%	4.1%	-1.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,339	61.8%	72.5%	NW	935	68.1%	66.9%
White	1,578	38.2%	24.8%	White	447	31.9%	33.1%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.666	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.532*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.061	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	42.6%	22.4%	25.9%	9.1%	NW	25	N/A
Hispanic	43.3%	19.9%	27.3%	9.4%	White	13	N/A
White	47.4%	36.7%	12.1%	3.8%			
Other	53.3%	32.1%	10.9%	3.6%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-4**

Total Stops: 2,626	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 823, 31.3% of stops)			
Mean age		37.2		Mean age		37.9	
Gender %				Gender %			
Female		36.0%		Female		37.4%	
Male		64.0%		Male		62.6%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		9.0%		AA/Black		6.8%	
Hispanic		6.5%		Hispanic		7.2%	
White		83.0%		White		83.9%	
Other		1.5%		Other		2.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	9.0%	N/A	N/A	AA/Black	9.0%	15.7%	-6.7%
Hispanic	6.5%	N/A	N/A	Hispanic	6.5%	14.7%	-8.2%
White	83.0%	N/A	N/A	White	83.0%	65.5%	17.5%
Other	1.5%	N/A	N/A	Other	1.5%	4.1%	-2.6%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	433	13.9%	22.0%	NW	121	15.7%	18.0%
White	2,085	86.1%	78.0%	White	611	84.3%	82.0%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.404	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.568*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.919	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.9%	16.9%	16.1%	5.1%	NW	2	N/A
Hispanic	52.9%	22.9%	22.4%	1.8%	White	5	N/A
White	67.8%	19.1%	11.3%	1.8%			
Other	71.8%	20.5%	5.1%	2.6%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-5**

Total Stops: 1,393	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 405, 29.1% of stops)			
Mean age		35		Mean age		35.5	
Gender %				Gender %			
Female		33.3%		Female		31.2%	
Male		66.5%		Male		68.8%	
Non-binary		0.2%		Non-binary		0.0%	
Race %				Race %			
AA/Black		8.7%		AA/Black		6.8%	
Hispanic		20.4%		Hispanic		20.0%	
White		69.4%		White		71.9%	
Other		1.5%		Other		1.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.7%	N/A	N/A	AA/Black	8.7%	15.7%	-7.0%
Hispanic	20.4%	N/A	N/A	Hispanic	20.4%	14.7%	5.7%
White	69.4%	N/A	N/A	White	69.4%	65.5%	3.9%
Other	1.5%	N/A	N/A	Other	1.5%	4.1%	-2.6%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	396	30.3%	31.2%	NW	99	33.2%	20.1%
White	895	69.7%	68.8%	White	256	66.8%	79.9%
Chi-Square ³ : .737 <i>not sig.</i>				Chi-Square ³ : .007* <i>sig.</i>			
Odds ratio Exp(B) ⁴ : 1.004 <i>not sig.</i>				Odds ratio Exp(B) ⁴ : 1.747 <i>not sig.</i>			
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	55.5%	29.4%	10.9%	4.2%	NW	2	N/A
Hispanic	54.3%	24.1%	18.7%	2.9%	White	4	N/A
White	60.3%	27.7%	9.5%	2.5%			
Other	57.1%	38.1%	4.8%	0.0%			
Chi-Square ³ : .008* <i>sig.</i>							

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-6**

Total Stops: 5,067	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N =1675, 33.1% of stops)			
Mean age		35.4		Mean age		34.9	
Gender %				Gender %			
Female		35.1%		Female		33.4%	
Male		64.6%		Male		66.2%	
Non-binary		0.3%		Non-binary		0.4%	
Race %				Race %			
AA/Black		10.1%		AA/Black		8.7%	
Hispanic		26.0%		Hispanic		24.4%	
White		61.4%		White		64.0%	
Other		2.6%		Other		2.9%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	10.1%	N/A	N/A	AA/Black	10.1%	15.7%	-5.6%
Hispanic	26.0%	N/A	N/A	Hispanic	26.0%	14.7%	11.3%
White	61.4%	N/A	N/A	White	61.4%	65.5%	-4.1%
Other	2.6%	N/A	N/A	Other	2.6%	4.1%	-1.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,865	34.9%	46.6%	NW	544	36.5%	35.5%
White	2,948	65.1%	53.4%	White	961	63.5%	64.5%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.707	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.588*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.969	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	40.2%	40.0%	17.8%	2.0%	NW	5	N/A
Hispanic	39.1%	36.4%	21.6%	2.9%	White	7	N/A
White	42.7%	49.1%	6.2%	2.0%			
Other	40.0%	53.1%	6.2%	0.8%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP B-8**

Total Stops: 4,831	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 1,525, 31.6% of stops)			
Mean age		35.08		Mean age		34.44	
Gender %				Gender %			
Female		33.0%		Female		32.2%	
Male		66.6%		Male		67.6%	
Non-binary		0.4%		Non-binary		0.2%	
Race %				Race %			
AA/Black		14.2%		AA/Black		12.5%	
Hispanic		20.3%		Hispanic		21.8%	
White		61.3%		White		61.2%	
Other		4.3%		Other		4.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	14.2%	N/A	N/A	AA/Black	14.2%	15.7%	-1.5%
Hispanic	20.3%	N/A	N/A	Hispanic	20.3%	14.7%	5.6%
White	61.3%	N/A	N/A	White	61.3%	65.5%	-4.2%
Other	4.3%	N/A	N/A	Other	4.3%	4.1%	0.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,753	36.5%	43.5%	NW	526	39.2%	37.7%
White	2,769	63.5%	56.5%	White	831	60.8%	62.3%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.620	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.747*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.046	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	43.7%	37.9%	15.4%	3.0%	NW	2	N/A
Hispanic	42.4%	34.8%	18.0%	4.9%	White	4	N/A
White	52.6%	39.7%	5.3%	2.4%			
Other	45.3%	50.2%	3.4%	1.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C HQ**

Total Stops: 2,829	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 724, 25.6% of stops)			
Mean age		35.61		Mean age		33.53	
Gender %				Gender %			
Female		34.1%		Female		31.9%	
Male		65.8%		Male		67.9%	
Non-binary		0.1%		Non-binary		0.1%	
Race %				Race %			
AA/Black		11.2%		AA/Black		11.4%	
Hispanic		16.5%		Hispanic		16.6%	
White		67.0%		White		67.3%	
Other		5.3%		Other		4.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.2%	N/A	N/A	AA/Black	11.2%	15.7%	-4.5%
Hispanic	16.5%	N/A	N/A	Hispanic	16.5%	14.7%	1.8%
White	67.0%	N/A	N/A	White	67.0%	65.5%	1.5%
Other	5.3%	N/A	N/A	Other	5.3%	4.1%	1.2%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	903	31.6%	41.9%	NW	213	31.7%	34.6%
White	1,840	68.4%	58.1%	White	442	68.3%	65.4%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.477	not sig.
Odds ratio Exp(B) ⁴ :		.720*	sig.	Odds ratio Exp(B) ⁴ :		.965	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	33.3%	55.6%	10.2%	1.0%	NW	11	N/A
Hispanic	32.2%	50.6%	14.4%	2.8%	White	4	N/A
White	42.4%	53.9%	3.7%	0.1%			
Other	34.0%	64.7%	1.3%	0.0%		Counts	Percent
Chi-Square ³ :		.000*	sig.				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-1**

Total Stops: 4,025	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 998, 24.8% of stops)			
Mean age		35.25		Mean age		35.88	
Gender %				Gender %			
Female		37.4%		Female		35.9%	
Male		62.0%		Male		63.3%	
Non-binary		0.6%		Non-binary		0.8%	
Race %				Race %			
AA/Black		6.7%		AA/Black		5.2%	
Hispanic		11.1%		Hispanic		11.8%	
White		78.7%		White		79.5%	
Other		3.5%		Other		3.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.7%	N/A	N/A	AA/Black	6.7%	15.7%	-9.0%
Hispanic	11.1%	N/A	N/A	Hispanic	11.1%	14.7%	-3.6%
White	78.7%	N/A	N/A	White	78.7%	65.5%	13.2%
Other	3.5%	N/A	N/A	Other	3.5%	4.1%	-0.6%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	809	21.3%	20.8%	NW	171	20.8%	17.6%
White	3,013	78.7%	79.2%	White	689	79.2%	82.4%
Chi-Square ³ :		.699	<i>not sig.</i>	Chi-Square ³ :		.279	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		1.044	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.193	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	60.8%	26.8%	10.2%	2.3%	NW	1	N/A
Hispanic	56.3%	27.6%	15.3%	0.9%	White	6	N/A
White	62.1%	29.2%	7.7%	1.1%			
Other	56.4%	37.9%	5.7%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-2**

Total Stops: 5,817	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		N/A	Stops per 1000 18+ residents:				N/A
	Passing through:		N/A					
All stops				ITP¹ Stops (N = 1,549, 26.6% of stops)				
Mean age		35.33		Mean age		35.37		
Gender %				Gender %				
Female		29.0%		Female		29.6%		
Male		70.5%		Male		70.0%		
Non-binary		0.5%		Non-binary		0.4%		
Race %				Race %				
AA/Black		14.3%		AA/Black		12.6%		
Hispanic		22.0%		Hispanic		23.7%		
White		58.4%		White		58.7%		
Other		5.3%		Other		5.0%		
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)								
Comparative Analyses								
Stops vs. City/Town Demographics				Stops vs. State Average²				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif	
AA/Black	14.3%	N/A	N/A	AA/Black	14.3%	15.7%	-1.4%	
Hispanic	22.0%	N/A	N/A	Hispanic	22.0%	14.7%	7.3%	
White	58.4%	N/A	N/A	White	58.4%	65.5%	-7.1%	
Other	5.3%	N/A	N/A	Other	5.3%	4.1%	1.2%	
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments								
VoD Analysis								
All stops				ITP stops				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	2,299	36.3%	50.0%	NW	564	38.8%	45.9%	
White	3,238	63.7%	50.0%	White	818	61.2%	54.1%	
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.017*	<i>sig.</i>	
Odds ratio Exp(B) ⁴ :		.593*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.805	<i>not sig.</i>	
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone								
⁴ 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.								
Stop Outcomes by Race								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	62.3%	24.0%	12.0%	1.7%	NW	9	N/A	
Hispanic	49.7%	25.3%	21.8%	3.2%	White	16	N/A	
White	60.1%	32.0%	6.4%	1.5%				
Other	53.5%	35.9%	8.0%	2.7%				
Chi-Square ³ :		.000*	<i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-3**

Total Stops: 2,284	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 562, 24.6% of stops)			
Mean age		34.12		Mean age		33.68	
Gender %				Gender %			
Female		32.5%		Female		31.2%	
Male		67.3%		Male		68.8%	
Non-binary		0.2%		Non-binary		0.0%	
Race %				Race %			
AA/Black		11.8%		AA/Black		9.1%	
Hispanic		20.0%		Hispanic		19.5%	
White		64.1%		White		68.8%	
Other		4.2%		Other		2.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	11.8%	N/A	N/A	AA/Black	11.8%	15.7%	-3.9%
Hispanic	20.0%	N/A	N/A	Hispanic	20.0%	14.7%	5.3%
White	64.1%	N/A	N/A	White	64.1%	65.5%	-1.4%
Other	4.2%	N/A	N/A	Other	4.2%	4.1%	0.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	789	32.0%	44.1%	NW	153	31.4%	23.2%
White	1,420	68.0%	55.9%	White	359	68.6%	76.8%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.113	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.612*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.819	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.2%	28.1%	15.4%	0.4%	NW	4	N/A
Hispanic	46.6%	37.7%	13.7%	2.0%	White	2	N/A
White	57.3%	36.9%	4.8%	0.9%			
Other	53.2%	38.3%	7.4%	1.1%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-4**

Total Stops: 3,292	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 782, 23.8% of stops)			
Mean age		35.43		Mean age		35.43	
Gender %				Gender %			
Female		26.7%		Female		24.6%	
Male		72.8%		Male		75.1%	
Non-binary		0.6%		Non-binary		0.3%	
Race %				Race %			
AA/Black		12.2%		AA/Black		11.4%	
Hispanic		24.2%		Hispanic		26.6%	
White		59.6%		White		59.4%	
Other		4.0%		Other		2.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	12.2%	N/A	N/A	AA/Black	12.2%	15.7%	-3.5%
Hispanic	24.2%	N/A	N/A	Hispanic	24.2%	14.7%	9.5%
White	59.6%	N/A	N/A	White	59.6%	65.5%	-5.9%
Other	4.0%	N/A	N/A	Other	4.0%	4.1%	-0.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,278	37.0%	45.4%	NW	289	41.5%	41.5%
White	1,872	63.0%	54.6%	White	408	58.5%	58.5%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.997	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.711*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.005	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	56.5%	18.7%	22.3%	2.5%	NW	28	N/A
Hispanic	46.5%	21.9%	29.1%	2.5%	White	35	N/A
White	55.2%	27.5%	15.0%	2.3%			
Other	60.3%	26.0%	9.9%	3.8%		Counts	Percent
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-5**

Total Stops: 6,009	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 1,589, 26.4% of stops)			
Mean age		35.43		Mean age		35.35	
Gender %				Gender %			
Female		26.8%		Female		25.9%	
Male		73.0%		Male		73.8%	
Non-binary		0.2%		Non-binary		0.4%	
Race %				Race %			
AA/Black		13.8%		AA/Black		12.7%	
Hispanic		20.2%		Hispanic		22.1%	
White		59.5%		White		59.3%	
Other		6.5%		Other		6.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	13.8%	N/A	N/A	AA/Black	13.8%	15.7%	-1.9%
Hispanic	20.2%	N/A	N/A	Hispanic	20.2%	14.7%	5.5%
White	59.5%	N/A	N/A	White	59.5%	65.5%	-6.0%
Other	6.5%	N/A	N/A	Other	6.5%	4.1%	2.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,330	35.4%	48.5%	NW	574	39.3%	42.9%
White	3,425	64.6%	51.5%	White	835	60.7%	57.1%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.187	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.589*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.879	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	61.3%	21.4%	14.1%	3.2%	NW	80	64.0%
Hispanic	52.8%	26.1%	17.6%	3.5%	White	45	36.0%
White	66.0%	26.6%	5.6%	1.8%			
Other	61.8%	30.5%	5.7%	2.1%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-6**

Total Stops: 5,123	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 1,060, 20.7% of stops)			
Mean age		34.38		Mean age		34.22	
Gender %				Gender %			
Female		31.2%		Female		30.6%	
Male		68.4%		Male		69.0%	
Non-binary		0.4%		Non-binary		0.4%	
Race %				Race %			
AA/Black		15.6%		AA/Black		13.9%	
Hispanic		25.7%		Hispanic		25.5%	
White		53.9%		White		56.2%	
Other		4.8%		Other		4.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	15.6%	N/A	N/A	AA/Black	15.6%	15.7%	-0.1%
Hispanic	25.7%	N/A	N/A	Hispanic	25.7%	14.7%	11.0%
White	53.9%	N/A	N/A	White	53.9%	65.5%	-11.6%
Other	4.8%	N/A	N/A	Other	4.8%	4.1%	0.7%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,252	41.6%	54.9%	NW	404	39.6%	51.0%
White	2,634	58.4%	45.1%	White	527	60.4%	49.0%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.001*	sig.
Odds ratio Exp(B) ⁴ :		.590*	sig.	Odds ratio Exp(B) ⁴ :		.697*	sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	52.5%	31.3%	13.6%	2.5%	NW	28	N/A
Hispanic	47.0%	32.9%	17.0%	3.2%	White	20	N/A
White	57.3%	34.0%	7.0%	1.7%			
Other	62.2%	32.4%	5.0%	0.4%			
Chi-Square ³ :		.000* sig.				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-7**

Total Stops: 1,392	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 368, 26.4% of stops)			
Mean age		35.9		Mean age		35.96	
Gender %				Gender %			
Female		33.9%		Female		33.2%	
Male		65.9%		Male		66.8%	
Non-binary		0.1%		Non-binary		0.0%	
Race %				Race %			
AA/Black		12.7%		AA/Black		13.2%	
Hispanic		11.2%		Hispanic		10.2%	
White		72.6%		White		73.4%	
Other		3.6%		Other		3.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	12.7%	N/A	N/A	AA/Black	12.7%	15.7%	-3.0%
Hispanic	11.2%	N/A	N/A	Hispanic	11.2%	14.7%	-3.5%
White	72.6%	N/A	N/A	White	72.6%	65.5%	7.1%
Other	3.6%	N/A	N/A	Other	3.6%	4.1%	-0.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	370	23.4%	33.5%	NW	90	29.3%	24.6%
White	969	76.6%	66.5%	White	239	70.7%	75.4%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.347	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.556*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.039	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	70.9%	13.1%	14.3%	1.7%	NW	6	N/A
Hispanic	62.3%	18.2%	17.5%	1.9%	White	9	N/A
White	79.0%	14.4%	5.7%	0.9%			
Other	67.3%	30.6%	2.0%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE C-9 (DEVENS)**

Total Stops: 393	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 100, 25.4% of stops)			
Mean age		39.72		Mean age		39.11	
Gender %				Gender %			
Female		26.3%		Female		28.3%	
Male		73.7%		Male		71.7%	
Non-binary		0.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		10.9%		AA/Black		7.2%	
Hispanic		17.1%		Hispanic		23.7%	
White		68.5%		White		62.9%	
Other		3.6%		Other		6.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	10.9%	N/A	N/A	AA/Black	10.9%	15.7%	-4.8%
Hispanic	17.1%	N/A	N/A	Hispanic	17.1%	14.7%	2.4%
White	68.5%	N/A	N/A	White	68.5%	65.5%	3.0%
Other	3.6%	N/A	N/A	Other	3.6%	4.1%	-0.5%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	119	32.6%	25.0%	NW	N/A	N/A	N/A
White	253	67.4%	75.0%	White	N/A	N/A	N/A
Chi-Square ³ :		.410	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		1.271	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	88.1%	9.5%	2.4%	0.0%	NW	1	N/A
Hispanic	80.3%	19.7%	0.0%	0.0%	White	1	N/A
White	83.8%	15.1%	1.1%	0.0%			
Other	71.4%	21.4%	7.1%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP C-10**

Total Stops: 5,898	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 1,623, 27.5% of stops)			
Mean age		33.5		Mean age		33.16	
Gender %				Gender %			
Female		26.3%		Female		25.9%	
Male		73.3%		Male		73.6%	
Non-binary		0.4%		Non-binary		0.6%	
Race %				Race %			
AA/Black		19.2%		AA/Black		18.0%	
Hispanic		21.7%		Hispanic		21.2%	
White		51.8%		White		54.6%	
Other		7.3%		Other		6.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	19.2%	N/A	N/A	AA/Black	19.2%	15.7%	3.5%
Hispanic	21.7%	N/A	N/A	Hispanic	21.7%	14.7%	7.0%
White	51.8%	N/A	N/A	White	51.8%	65.5%	-13.7%
Other	7.3%	N/A	N/A	Other	7.3%	4.1%	3.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,654	46.2%	52.7%	NW	641	48.1%	40.4%
White	2,828	53.8%	47.3%	White	755	51.9%	59.6%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.010*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.759*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.153	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	51.7%	30.7%	14.2%	3.5%	NW	79	N/A
Hispanic	47.6%	29.3%	17.1%	6.0%	White	20	N/A
White	53.4%	38.4%	6.1%	2.1%			
Other	45.7%	49.5%	4.3%	0.5%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D HQ**

Total Stops: 1,150	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 436, 37.9% of stops)			
Mean age		35.17		Mean age		34.81	
Gender %				Gender %			
Female		29.7%		Female		29.1%	
Male		69.9%		Male		70.9%	
Non-binary		0.3%		Non-binary		0.0%	
Race %				Race %			
AA/Black		18.0%		AA/Black		21.5%	
Hispanic		15.3%		Hispanic		15.9%	
White		65.0%		White		61.0%	
Other		1.8%		Other		1.6%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	18.0%	N/A	N/A	AA/Black	18.0%	15.7%	2.3%
Hispanic	15.3%	N/A	N/A	Hispanic	15.3%	14.7%	0.6%
White	65.0%	N/A	N/A	White	65.0%	65.5%	-0.5%
Other	1.8%	N/A	N/A	Other	1.8%	4.1%	-2.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	382	29.3%	43.9%	NW	159	39.8%	39.9%
White	704	70.7%	56.1%	White	240	60.2%	60.1%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.993	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.575*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.963	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.7%	22.2%	15.8%	7.4%	NW	30	N/A
Hispanic	41.6%	32.9%	15.6%	9.8%	White	31	N/A
White	50.0%	39.4%	7.2%	3.4%			
Other	40.0%	60.0%	0.0%	0.0%		Counts	Percent
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-1**

Total Stops: 3,096	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 933, 30.1% of stops)			
Mean age		36.56		Mean age		36.12	
Gender %				Gender %			
Female		28.5%		Female		25.3%	
Male		70.7%		Male		74.1%	
Non-binary		0.8%		Non-binary		0.5%	
Race %				Race %			
AA/Black		10.3%		AA/Black		8.1%	
Hispanic		6.1%		Hispanic		7.8%	
White		80.3%		White		80.9%	
Other		3.3%		Other		3.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	10.3%	N/A	N/A	AA/Black	10.3%	15.7%	-5.4%
Hispanic	6.1%	N/A	N/A	Hispanic	6.1%	14.7%	-8.6%
White	80.3%	N/A	N/A	White	80.3%	65.5%	14.8%
Other	3.3%	N/A	N/A	Other	3.3%	4.1%	-0.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	572	17.3%	23.6%	NW	154	19.4%	17.9%
White	2,310	82.7%	76.4%	White	657	80.6%	82.1%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.646	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.683*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.163	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	51.1%	26.8%	16.0%	6.1%	NW	4	N/A
Hispanic	46.2%	28.0%	24.2%	1.6%	White	5	N/A
White	57.8%	33.1%	6.8%	2.3%			
Other	54.5%	34.3%	5.1%	6.1%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-2**

Total Stops: 2,744	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 775, 28.2% of stops)			
Mean age		35.74		Mean age		36.37	
Gender %				Gender %			
Female		32.3%		Female		28.2%	
Male		67.1%		Male		71.4%	
Non-binary		0.6%		Non-binary		0.4%	
Race %				Race %			
AA/Black		14.0%		AA/Black		12.7%	
Hispanic		6.9%		Hispanic		7.8%	
White		76.7%		White		77.0%	
Other		2.3%		Other		2.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	14.0%	N/A	N/A	AA/Black	14.0%	15.7%	-1.7%
Hispanic	6.9%	N/A	N/A	Hispanic	6.9%	14.7%	-7.8%
White	76.7%	N/A	N/A	White	76.7%	65.5%	11.2%
Other	2.3%	N/A	N/A	Other	2.3%	4.1%	-1.8%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	605	20.1%	27.1%	NW	158	25.7%	20.1%
White	1,989	79.9%	72.9%	White	512	74.3%	79.9%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.101	not sig.
Odds ratio Exp(B) ⁴ :		.675*	sig.	Odds ratio Exp(B) ⁴ :		1.321	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.7%	19.0%	17.5%	5.8%	NW	10	N/A
Hispanic	43.3%	20.3%	32.6%	3.7%	White	23	N/A
White	65.1%	24.1%	8.3%	2.5%			
Other	68.3%	28.6%	3.2%	0.0%			
Chi-Square ³ :		.000*	sig.				

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-3**

Total Stops: 7,758	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 2,291, 29.5% of stops)			
Mean age		34.71		Mean age		35.22	
Gender %				Gender %			
Female		33.9%		Female		30.2%	
Male		65.9%		Male		69.6%	
Non-binary		0.2%		Non-binary		0.1%	
Race %				Race %			
AA/Black		18.5%		AA/Black		17.2%	
Hispanic		14.7%		Hispanic		16.1%	
White		65.0%		White		65.0%	
Other		1.7%		Other		1.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	18.5%	N/A	N/A	AA/Black	18.5%	15.7%	2.8%
Hispanic	14.7%	N/A	N/A	Hispanic	14.7%	14.7%	0.0%
White	65.0%	N/A	N/A	White	65.0%	65.5%	-0.5%
Other	1.7%	N/A	N/A	Other	1.7%	4.1%	-2.4%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,590	29.4%	43.2%	NW	711	34.5%	36.1%
White	4,805	70.6%	56.8%	White	1,312	65.5%	63.9%
Chi-Square ³ :		.000*	sig.	Chi-Square ³ :		.480	not sig.
Odds ratio Exp(B) ⁴ :		.551*	sig.	Odds ratio Exp(B) ⁴ :		.860	not sig.
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	38.8%	39.8%	15.0%	6.4%	NW	13	N/A
Hispanic	34.6%	37.6%	20.4%	7.3%	White	17	N/A
White	46.6%	41.2%	8.8%	3.4%			
Other	49.2%	39.4%	8.3%	3.0%			
Chi-Square ³ :		.000*	sig.				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-4**

Total Stops: 4,881	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 1,330, 27.2% of stops)			
Mean age		34.91		Mean age		34.45	
Gender %				Gender %			
Female		30.5%		Female		29.4%	
Male		69.2%		Male		70.4%	
Non-binary		0.3%		Non-binary		0.2%	
Race %				Race %			
AA/Black		24.6%		AA/Black		21.3%	
Hispanic		13.1%		Hispanic		15.5%	
White		59.7%		White		61.1%	
Other		2.6%		Other		2.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	24.6%	N/A	N/A	AA/Black	24.6%	15.7%	8.9%
Hispanic	13.1%	N/A	N/A	Hispanic	13.1%	14.7%	-1.6%
White	59.7%	N/A	N/A	White	59.7%	65.5%	-5.8%
Other	2.6%	N/A	N/A	Other	2.6%	4.1%	-1.5%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,887	35.1%	51.0%	NW	456	38.2%	38.3%
White	2,817	64.9%	49.0%	White	738	61.8%	61.7%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.976	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.530*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.844	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	43.5%	38.3%	12.9%	5.4%	NW	66	56.4%
Hispanic	41.0%	36.8%	17.6%	4.6%	White	51	43.6%
White	49.0%	41.0%	6.8%	3.2%			
Other	47.6%	50.0%	1.6%	0.8%			
Chi-Square ³ :		.000* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-6**

Total Stops: 618	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops N/A			
Mean age		40.55		Mean age		N/A	
Gender %				Gender %			
Female		24.0%		Female		N/A	
Male		76.0%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		8.5%		AA/Black		N/A	
Hispanic		19.1%		Hispanic		N/A	
White		71.4%		White		N/A	
Other		1.0%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	8.5%	N/A	N/A	AA/Black	8.5%	15.7%	-7.2%
Hispanic	19.1%	N/A	N/A	Hispanic	19.1%	14.7%	4.4%
White	71.4%	N/A	N/A	White	71.4%	65.5%	5.9%
Other	1.0%	N/A	N/A	Other	1.0%	4.1%	-3.1%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	164	27.0%	48.5%	NW	N/A	N/A	N/A
White	418	73.0%	51.5%	White	N/A	N/A	N/A
Chi-Square ³ :		.008*	sig.	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.351*	sig.	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	25.5%	64.7%	9.8%	0.0%	NW	2	56.4%
Hispanic	16.7%	55.3%	25.4%	2.6%	White	0	43.6%
White	18.8%	64.8%	16.0%	0.5%			
Other	16.7%	83.3%	0.0%	0.0%			
Chi-Square ³ :		.060		not sig.		Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP D-7**

Total Stops: 6,749	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 2,192, 32.5% of stops)			
Mean age		37.83		Mean age		36.68	
Gender %				Gender %			
Female		34.6%		Female		31.1%	
Male		65.1%		Male		68.6%	
Non-binary		0.3%		Non-binary		0.3%	
Race %				Race %			
AA/Black		10.7%		AA/Black		10.1%	
Hispanic		6.0%		Hispanic		6.9%	
White		81.3%		White		80.2%	
Other		2.1%		Other		2.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	10.7%	N/A	N/A	AA/Black	10.7%	15.7%	-5.0%
Hispanic	6.0%	N/A	N/A	Hispanic	6.0%	14.7%	-8.7%
White	81.3%	N/A	N/A	White	81.3%	65.5%	15.8%
Other	2.1%	N/A	N/A	Other	2.1%	4.1%	-2.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,182	16.8%	23.2%	NW	375	20.2%	18.0%
White	5,173	83.2%	76.8%	White	1,535	79.8%	82.0%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.276	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.677*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.212	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	46.0%	41.2%	9.4%	3.4%	NW	7	N/A
Hispanic	38.8%	42.8%	14.4%	4.0%	White	15	N/A
White	49.3%	43.4%	5.6%	1.7%			
Other	48.9%	45.3%	4.3%	1.4%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP F HQ**

Total Stops: 430	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 123, 28.6% of stops)			
Mean age		37.25		Mean age		35.17	
Gender %				Gender %			
Female		20.9%		Female		21.3%	
Male		78.8%		Male		77.9%	
Non-binary		0.2%		Non-binary		0.8%	
Race %				Race %			
AA/Black		20.8%		AA/Black		18.9%	
Hispanic		12.3%		Hispanic		14.8%	
White		62.4%		White		63.1%	
Other		4.5%		Other		3.3%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	20.8%	N/A	N/A	AA/Black	20.8%	15.7%	5.1%
Hispanic	12.3%	N/A	N/A	Hispanic	12.3%	14.7%	-2.4%
White	62.4%	N/A	N/A	White	62.4%	65.5%	-3.1%
Other	4.5%	N/A	N/A	Other	4.5%	4.1%	0.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	153	35.7%	48.1%	NW	40	35.7%	43.5%
White	247	64.3%	51.9%	White	67	64.3%	56.5%
Chi-Square ³ :		.040*	<i>sig.</i>	Chi-Square ³ :		.495	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.655	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		.657	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	34.1%	51.1%	14.8%	0.0%	NW	1	N/A
Hispanic	34.6%	48.1%	17.3%	0.0%	White	4	N/A
White	39.8%	55.3%	4.9%	0.0%			
Other	26.3%	68.4%	5.3%	0.0%		Counts	Percent
Chi-Square ³ :		.016*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H HQ**

Total Stops: 614	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 125, 20.4% of stops)			
Mean age		36.91		Mean age		34.53	
Gender %				Gender %			
Female		32.6%		Female		27.3%	
Male		66.7%		Male		72.7%	
Non-binary		0.7%		Non-binary		0.0%	
Race %				Race %			
AA/Black		26.2%		AA/Black		21.0%	
Hispanic		16.9%		Hispanic		25.8%	
White		52.7%		White		49.2%	
Other		4.1%		Other		4.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	26.2%	N/A	N/A	AA/Black	26.2%	15.7%	10.5%
Hispanic	16.9%	N/A	N/A	Hispanic	16.9%	14.7%	2.2%
White	52.7%	N/A	N/A	White	52.7%	65.5%	-12.8%
Other	4.1%	N/A	N/A	Other	4.1%	4.1%	0.0%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	270	44.4%	57.3%	NW	55	46.6%	55.3%
White	304	55.6%	42.7%	White	56	53.4%	44.7%
Chi-Square ³ :		.013*	<i>sig.</i>	Chi-Square ³ :		.385	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.617	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.055	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	63.3%	24.7%	9.5%	2.5%	NW	5	N/A
Hispanic	48.0%	38.2%	6.9%	6.9%	White	2	N/A
White	50.6%	43.4%	4.4%	1.6%			
Other	48.0%	52.0%	0.0%	0.0%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-2**

Total Stops: 3,682	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 1,078, 29.3% of stops)			
Mean age		36.22		Mean age		35.31	
Gender %				Gender %			
Female		28.5%		Female		25.7%	
Male		71.1%		Male		73.7%	
Non-binary		0.5%		Non-binary		0.6%	
Race %				Race %			
AA/Black		23.3%		AA/Black		20.2%	
Hispanic		16.0%		Hispanic		18.2%	
White		54.0%		White		56.3%	
Other		6.8%		Other		5.2%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	23.3%	N/A	N/A	AA/Black	23.3%	15.7%	7.6%
Hispanic	16.0%	N/A	N/A	Hispanic	16.0%	14.7%	1.3%
White	54.0%	N/A	N/A	White	54.0%	65.5%	-11.5%
Other	6.8%	N/A	N/A	Other	6.8%	4.1%	2.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,583	42.1%	54.2%	NW	427	46.0%	42.9%
White	1,816	57.9%	45.8%	White	524	54.0%	57.1%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.349	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.597*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.133	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	71.2%	18.2%	8.1%	2.5%	NW	64	N/A
Hispanic	62.1%	19.1%	15.7%	3.1%	White	25	N/A
White	76.1%	19.1%	4.0%	0.8%			
Other	73.9%	24.5%	1.6%	0.0%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-3**

Total Stops: 2,473	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 726, 29.4% of stops)			
Mean age		34.8		Mean age		35.5	
Gender %				Gender %			
Female		30.3%		Female		28.7%	
Male		69.2%		Male		70.8%	
Non-binary		0.5%		Non-binary		0.6%	
Race %				Race %			
AA/Black		24.7%		AA/Black		24.2%	
Hispanic		16.6%		Hispanic		14.9%	
White		54.3%		White		56.9%	
Other		4.3%		Other		4.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	24.7%	N/A	N/A	AA/Black	24.7%	15.7%	9.0%
Hispanic	16.6%	N/A	N/A	Hispanic	16.6%	14.7%	1.9%
White	54.3%	N/A	N/A	White	54.3%	65.5%	-11.2%
Other	4.3%	N/A	N/A	Other	4.3%	4.1%	0.2%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,038	41.8%	52.3%	NW	271	44.6%	39.2%
White	1,235	58.2%	47.7%	White	356	55.4%	60.8%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.243	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.674*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		2.022*	<i>sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	50.7%	30.2%	15.8%	3.3%	NW	7	N/A
Hispanic	40.8%	28.6%	25.8%	4.8%	White	1	N/A
White	57.8%	30.7%	9.3%	2.2%			
Other	51.0%	40.2%	5.9%	2.9%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-4**

Total Stops: 7,041	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 1696, 24.1% of stops)			
Mean age		35.6		Mean age		35.4	
Gender %				Gender %			
Female		24.8%		Female		25.3%	
Male		74.7%		Male		74.1%	
Non-binary		0.6%		Non-binary		0.6%	
Race %				Race %			
AA/Black		28.7%		AA/Black		26.2%	
Hispanic		19.2%		Hispanic		21.3%	
White		42.6%		White		43.5%	
Other		9.5%		Other		9.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	28.7%	N/A	N/A	AA/Black	28.7%	15.7%	13.0%
Hispanic	19.2%	N/A	N/A	Hispanic	19.2%	14.7%	4.5%
White	42.6%	N/A	N/A	White	42.6%	65.5%	-22.9%
Other	9.5%	N/A	N/A	Other	9.5%	4.1%	5.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,803	51.6%	67.6%	NW	867	57.4%	55.9%
White	2,805	48.4%	32.4%	White	653	42.6%	44.1%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.605	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.522*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.039	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	57.1%	24.3%	15.0%	3.6%	NW	38	N/A
Hispanic	51.6%	27.4%	18.3%	2.7%	White	16	N/A
White	62.3%	30.6%	5.7%	1.4%			
Other	60.2%	30.9%	7.5%	1.4%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-5**

Total Stops: 680	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 243, 35.7% of stops)			
Mean age		37.7		Mean age		36.4	
Gender %				Gender %			
Female		31.9%		Female		36.5%	
Male		67.8%		Male		62.7%	
Non-binary		0.3%		Non-binary		0.8%	
Race %				Race %			
AA/Black		25.0%		AA/Black		26.2%	
Hispanic		15.2%		Hispanic		11.4%	
White		51.1%		White		52.7%	
Other		8.7%		Other		9.7%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	25.0%	N/A	N/A	AA/Black	25.0%	15.7%	9.3%
Hispanic	15.2%	N/A	N/A	Hispanic	15.2%	14.7%	0.5%
White	51.1%	N/A	N/A	White	51.1%	65.5%	-14.4%
Other	8.7%	N/A	N/A	Other	8.7%	4.1%	4.6%
² State average represents racial/ethnic breakdown of all 2020 stops by all MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	311	48.5%	57.1%	NW	107	48.3%	45.5%
White	320	51.5%	42.9%	White	116	51.7%	54.5%
Chi-Square ³ :		.218	<i>not sig.</i>	Chi-Square ³ :		.803	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.764	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		1.240	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	11.4%	85.5%	2.4%	0.6%	NW	1	N/A
Hispanic	32.7%	62.4%	4.0%	1.0%	White	0	N/A
White	20.4%	77.6%	2.1%	0.0%			
Other	13.8%	84.5%	1.7%	0.0%			
Chi-Square ³ :		.003* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-6**

Total Stops: 4,518	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 1230, 27.2% of stops)			
Mean age		35.4		Mean age		35.9	
Gender %				Gender %			
Female		25.3%		Female		27.3%	
Male		74.3%		Male		72.5%	
Non-binary		0.4%		Non-binary		0.2%	
Race %				Race %			
AA/Black		37.4%		AA/Black		34.8%	
Hispanic		18.3%		Hispanic		17.5%	
White		37.2%		White		39.9%	
Other		7.0%		Other		7.8%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	37.4%	N/A	N/A	AA/Black	37.4%	15.7%	21.7%
Hispanic	18.3%	N/A	N/A	Hispanic	18.3%	14.7%	3.6%
White	37.2%	N/A	N/A	White	37.2%	65.5%	-28.3%
Other	7.0%	N/A	N/A	Other	7.0%	4.1%	2.9%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,678	49.8%	75.1%	NW	643	57.4%	64.7%
White	1,578	50.2%	24.9%	White	423	42.6%	35.3%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.016*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.340*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.836	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	65.2%	18.9%	11.6%	4.3%	NW	28	N/A
Hispanic	59.6%	23.4%	12.4%	4.7%	White	8	N/A
White	69.3%	22.8%	5.6%	2.4%			
Other	68.5%	24.5%	4.8%	2.2%			
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-7**

Total Stops: 5,853	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 1980, 33.8% of stops)			
Mean age		35		Mean age		35.3	
Gender %				Gender %			
Female		29.2%		Female		29.9%	
Male		70.5%		Male		69.8%	
Non-binary		0.2%		Non-binary		0.3%	
Race %				Race %			
AA/Black		41.0%		AA/Black		41.1%	
Hispanic		18.7%		Hispanic		19.0%	
White		36.3%		White		35.9%	
Other		4.0%		Other		4.1%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	41.0%	N/A	N/A	AA/Black	41.0%	15.7%	25.3%
Hispanic	18.7%	N/A	N/A	Hispanic	18.7%	14.7%	4.0%
White	36.3%	N/A	N/A	White	36.3%	65.5%	-29.2%
Other	4.0%	N/A	N/A	Other	4.0%	4.1%	-0.1%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,557	59.2%	71.8%	NW	1,130	62.6%	68.0%
White	2,039	40.8%	28.2%	White	638	37.4%	32.0%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.042*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.576*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.776	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ 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.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	53.6%	32.0%	11.2%	3.2%	NW	37	N/A
Hispanic	50.4%	31.4%	17.3%	0.9%	White	13	N/A
White	54.8%	36.8%	6.9%	1.5%			
Other	55.1%	38.0%	5.1%	1.7%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-8**

Total Stops: 4,979	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 1342, 27% of stops)			
Mean age		34.3		Mean age		34.4	
Gender %				Gender %			
Female		26.1%		Female		23.0%	
Male		73.5%		Male		76.2%	
Non-binary		0.4%		Non-binary		0.8%	
Race %				Race %			
AA/Black		19.4%		AA/Black		19.0%	
Hispanic		21.4%		Hispanic		22.2%	
White		50.2%		White		51.3%	
Other		8.9%		Other		7.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	19.4%	N/A	N/A	AA/Black	19.4%	15.7%	3.7%
Hispanic	21.4%	N/A	N/A	Hispanic	21.4%	14.7%	6.7%
White	50.2%	N/A	N/A	White	50.2%	65.5%	-15.3%
Other	8.9%	N/A	N/A	Other	8.9%	4.1%	4.8%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,344	48.6%	52.5%	NW	583	52.1%	45.1%
White	2,323	51.4%	47.5%	White	587	47.9%	54.9%
Chi-Square ³ :		.009*	<i>sig.</i>	Chi-Square ³ :		.026*	<i>sig.</i>
Odds ratio Exp(B) ⁴ :		.860*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.164	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	54.2%	29.8%	13.7%	2.3%	NW	10	N/A
Hispanic	51.3%	29.1%	17.8%	1.8%	White	10	N/A
White	62.2%	31.4%	5.1%	1.3%			
Other	57.9%	36.8%	4.4%	0.9%		Counts	Percent
Chi-Square ³ :		.000* <i>sig.</i>					

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE TROOP H-9**

Total Stops: 5,782	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: N/A			Stops per 1000 18+ residents: N/A			
	Passing through: N/A						
All stops				ITP¹ Stops (N = 1382, 23.9% of stops)			
Mean age		34.5		Mean age		34.8	
Gender %				Gender %			
Female		23.7%		Female		23.7%	
Male		75.3%		Male		74.3%	
Non-binary		1.0%		Non-binary		2.0%	
Race %				Race %			
AA/Black		30.3%		AA/Black		24.5%	
Hispanic		29.4%		Hispanic		32.3%	
White		32.8%		White		35.7%	
Other		7.5%		Other		7.4%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	30.3%	N/A	N/A	AA/Black	30.3%	15.7%	14.6%
Hispanic	29.4%	N/A	N/A	Hispanic	29.4%	14.7%	14.7%
White	32.8%	N/A	N/A	White	32.8%	65.5%	-32.7%
Other	7.5%	N/A	N/A	Other	7.5%	4.1%	3.4%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,713	57.8%	74.4%	NW	776	66.1%	61.2%
White	1,795	42.2%	25.6%	White	428	33.9%	38.8%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.095	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.472*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		1.182	<i>not sig.</i>
³ sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	68.7%	14.0%	12.6%	4.7%	NW	13	N/A
Hispanic	60.2%	17.0%	18.2%	4.5%	White	1	N/A
White	66.9%	21.3%	8.6%	3.2%			
Other	70.7%	20.4%	6.1%	2.8%			
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS STATE POLICE ALL STOPS**

Total Stops: 168,644	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 48,489, 28.8% of stops)			
Mean age		35.4		Mean age		35.3	
Gender %				Gender %			
Female		29.5%		Female		28.3%	
Male		70.1%		Male		71.3%	
Non-binary		0.4%		Non-binary		0.5%	
Race %				Race %			
AA/Black		17.5%		AA/Black		16.0%	
Hispanic		19.6%		Hispanic		20.3%	
White		58.0%		White		59.2%	
Other		4.8%		Other		4.5%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	17.5%	N/A	N/A	AA/Black	17.5%	15.7%	1.8%
Hispanic	19.6%	N/A	N/A	Hispanic	19.6%	14.7%	4.9%
White	58.0%	N/A	N/A	White	58.0%	65.5%	-7.5%
Other	4.8%	N/A	N/A	Other	4.8%	4.1%	0.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	66,276	37.1%	50.6%	NW	17,262	40.7%	41.2%
White	91,403	62.9%	49.4%	White	25,009	59.3%	58.8%
Chi-Square ³ :		.000*	<i>sig.</i>	Chi-Square ³ :		.256	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.583*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.974	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	53.3%	29.4%	13.6%	3.8%	NW	744	57.5%
Hispanic	47.0%	29.9%	18.9%	4.1%	White	551	42.5%
White	55.5%	35.4%	7.1%	2.0%			
Other	55.3%	37.5%	5.5%	1.7%		Counts	Percent
Chi-Square ³ :		.000*	<i>sig.</i>				

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS ENVIRONMENTAL POLICE**

Total Stops: 716	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops (N = 219, 30.5% of stops)			
Mean age		33.04		Mean age		32.67	
Gender %				Gender %			
Female		13.8%		Female		13.7%	
Male		84.2%		Male		86.3%	
Non-binary		2.0%		Non-binary		0.0%	
Race %				Race %			
AA/Black		6.7%		AA/Black		6.2%	
Hispanic		7.3%		Hispanic		10.9%	
White		85.6%		White		82.9%	
Other		0.4%		Other		0.0%	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	6.7%	N/A	N/A	AA/Black	6.7%	15.7%	-9.0%
Hispanic	7.3%	N/A	N/A	Hispanic	7.3%	14.7%	-7.4%
White	85.6%	N/A	N/A	White	85.6%	65.5%	20.1%
Other	0.4%	N/A	N/A	Other	0.4%	4.1%	-3.7%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	92	13.1%	23.2%	NW	32	14.5%	26.8%
White	538	86.9%	76.8%	White	154	85.5%	73.2%
Chi-Square ³ :		.010*	<i>sig.</i>	Chi-Square ³ :		.064	<i>not sig.</i>
Odds ratio Exp(B) ⁴ :		.487*	<i>sig.</i>	Odds ratio Exp(B) ⁴ :		.443	<i>not sig.</i>
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	15.2%	67.4%	17.4%	0.0%	NW	3	N/A
Hispanic	16.0%	72.0%	12.0%	0.0%	White	5	N/A
White	30.5%	64.1%	4.8%	0.7%			
Other	33.3%	66.7%	0.0%	0.0%			
Chi-Square ³ :		.009* <i>sig.</i>				Counts	Percent

2020 UNIFORM CITATION DATA ANALYSIS REPORT

**2020 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT
MASSACHUSETTS BAY TRANSPORTATION AUTHORITY (MBTA)**

Total Stops: 131	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		N/A	Stops per 1000 18+ residents:			
	Passing through:		N/A	N/A			
All stops				ITP¹ Stops N/A			
Mean age		37.67		Mean age		N/A	
Gender %				Gender %			
Female		28.2%		Female		N/A	
Male		71.8%		Male		N/A	
Non-binary		0.0%		Non-binary		N/A	
Race %				Race %			
AA/Black		32.8%		AA/Black		N/A	
Hispanic		20.5%		Hispanic		N/A	
White		39.3%		White		N/A	
Other		7.4%		Other		N/A	
¹ Only stops occurring between 4:35am and 7:16am (dawn) or between 4:14pm and 9:02pm (dusk)							
Comparative Analyses							
Stops vs. City/Town Demographics				Stops vs. State Average²			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	32.8%	N/A	N/A	AA/Black	32.8%	15.7%	17.1%
Hispanic	20.5%	N/A	N/A	Hispanic	20.5%	14.7%	5.8%
White	39.3%	N/A	N/A	White	39.3%	65.5%	-26.2%
Other	7.4%	N/A	N/A	Other	7.4%	4.1%	3.3%
² State average represents racial/ethnic breakdown of <i>all</i> 2020 stops by <i>all</i> MA departments							
VoD Analysis							
All stops				ITP stops			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	54.5%	73.3%	NW	N/A	N/A	N/A
White	38	45.5%	26.7%	White	N/A	N/A	N/A
Chi-Square ³ :		.081	<i>not sig.</i>	Chi-Square ³ :		N/A	N/A
Odds ratio Exp(B) ⁴ :		.457	<i>not sig.</i>	Odds ratio Exp(B) ⁴ :		N/A	N/A
³ Sig. <i>chi-square</i> indicates observed pattern in table is real, and <u>not</u> due to chance alone							
⁴ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Stop Outcomes by Race							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	27.5%	45.0%	25.0%	2.5%	NW	0	N/A
Hispanic	32.0%	44.0%	24.0%	0.0%	White	0	N/A
White	29.2%	52.1%	16.7%	2.1%			
Other	22.2%	66.7%	0.0%	11.1%			
Chi-Square ³ :		.600	<i>not sig.</i>				

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Appendix D List of Departments Not Analyzed¹²

Department	Total Stops		Department	Total Stops
Alford PD	< 5		Merrimac Police PD	42
Aquinnah PD	< 5		Middlefield PD	43
Ashfield PD	< 5		Millville PD	44
Berkley PD	< 5		Monroe PD	45
Bernardston PD	< 5		Monterey PD	49
Blandford PD	< 5		Montgomery PD	49
Boxford PD	< 5		Mount Washington PD	52
Buckland PD	< 5		Nahant PD	56
Charlemont PD	< 5		New Ashford PD	58
Chatham PD	< 5		New Braintree PD	62
Cheshire PD	< 5		New Salem PD	66
Chester PD	< 5		North Brookfield PD	67
Chesterfield PD	< 5		Otis PD	69
Chilmark PD	< 5		Pelham PD	70
Clarksburg PD	< 5		Peru PD	70
Clinton PD	5		Phillipston PD	72
Conway PD	9		Plainfield PD	77
Cummington PD	10		Rowe PD	79
Florida PD	11		Royalston PD	81
Gill Police PD	11		Sandisfield PD	81
Goshen PD	12		Savoy PD	82
Great Barrington PD	12		Shelburne PD	82
Hancock PD	13		Shutesbury PD	87
Harvard PD	15		Springfield College PD	87
Hatfield PD	15		Tolland PD	87
Heath PD	16		Tyringham PD	89
Hinsdale PD	20		Wales PD	93
Holland PD	22		Warwick PD	94
Huntington PD	23		Wendell PD	94
Kingston PD	23		West Tisbury PD	89
Lanesborough PD	25		Westhampton PD	95
Lee PD	25		Windsor PD	96
Leyden PD	35		Worthington PD	96
Melrose PD	35			

¹² These departments were not analyzed due to an insufficient number of stops. A minimum sample threshold was necessary to ensure robustness of statistical tests.