

## **2021 AND 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT<sup>1</sup>**

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February 26, 2024

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<sup>1</sup>The Massachusetts Uniform Citation Data Analysis project was supported by the Massachusetts Executive Office of Public Safety and Security (EOPSS) (Requisition#: RQ-21-1044-EPS11-1044O-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 Lisa Lundquist, Research and Policy Analysis Division Director, OGR; Lisa Sampson, Elizabeth Flynn, Justice and Prevention Division Manager, OGR; Kevin Stanton, Executive Director, OGR; 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 Debra Eaton, 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 very grateful to Tamara Nohelty (Administrative Assistant for Criminal Justice at Salem State University) for her assistance with numerous administrative tasks for this grant.

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

### **EXECUTIVE SUMMARY**

#### **About This Report**

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

As part of the law, all law enforcement agencies in Massachusetts are required to collect data from all written Uniform Citations issued<sup>3</sup>, including demographic information about the stopped motorist (gender, age, race/ethnicity) and information about the stop and resulting citation (the traffic infraction, the date and time of the offense, the municipality in which the offense was committed, whether a search was initiated during the stop, and whether the stop resulted in a warning, citation, or arrest). On an annual basis, this data must be analyzed, and a report of the findings published online.

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

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

post-COVID. Therefore, more departments met a minimum threshold of 100 citations<sup>4</sup> to be analyzed for each year.

The current study analyzes traffic stop/citation<sup>5</sup> data collected in Massachusetts during a two-year period from January 1, 2021, through December 31, 2022, for the Commonwealth as a whole and by municipality. In total, 1,270,129 unique traffic stops conducted during the 2-year period were analyzed, resulting in a total of 1,358,720 citations. Separate analyses were conducted for 2021 and 2022; results for each year are discussed separately in the sections that follow. The overall goal of this study is to learn more about potential patterns of racial disparities in traffic stops for the purpose of understanding the causes of these disparities.

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

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

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

One analytical tool utilized is the Veil of Darkness (VoD), which uses changes in natural light to assess disparate treatment in traffic stops. The VoD analysis compares stops made during the day when it is light to those made at night when it is dark to test for disparities when officers can more easily determine the race/ethnicity of the driver. The underlying assumption is that if law enforcement officers are profiling motorists, they are better able to do so during the daylight hours when race/ethnicity is more visible and easily observed. Separate VoD analyses are performed for stops occurring throughout the day and stops occurring *only* during the intertwilight period (ITP)<sup>6</sup>, a set window of time during which light conditions naturally fluctuate over the course of a year (i.e., conditions at 7:00p.m. EST are dark in November, but light in July).

Beyond Veil of Darkness analysis, the report summarizes the demographic and contextual characteristics of stop events and cited motorists in the Commonwealth overall (presented in report) and in individual department-level analyses for each data collection period (2021 and 2022). While we do not discuss each department's results in detail in this report, department-level analyses were conducted for *each* law enforcement agency that had a minimum of 100 citations. In total, about 364 of the 445 agencies/agency sub-divisions<sup>7</sup> (or 81.8%) had 100 or more citations during 2021 and about 370 of the 460 agencies/agency sub-divisions (or 80.4%) had 100 or more citations in 2022. Each department's report can be found listed in alphabetical order in Appendix C.

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

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

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

## **Major Findings (2021)**

### Characteristics of the Statewide Traffic Stop Data<sup>8</sup>

#### *Information About the Stops*

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

#### *Demographics of Stopped Motorists*

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

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

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

## Major Findings of the Statewide Analyses

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

- The chi-square test for all Massachusetts stops (n = 594,213) was statistically significant, which is taken as evidence there is a relationship between the odds of a Non-White motorist (a motorist who is African American/Black, Hispanic, or Other race) being stopped during the day as compared to darkness (as well as a relationship between the odds of a White motorist being stopped during the day as compared to darkness). The results of this test for all stops indicates that White motorists are *more often* stopped in daylight than in darkness whereas Non-White motorists are *less often* stopped in daylight than in darkness.
- In the VoD logistic regression for all stops<sup>9</sup> statewide (n = 594,213), the VoD variable representing light/dark conditions at time of stop was also statistically significant in its relationship to the dependent variable of Non-White stops. Specifically, the odds ratio was .637. This means the odds of a daylight stop for Non-White motorists are 36% lower than the odds of a darkness stop. For this analysis, no support was shown for a pattern of racial disparity in total Massachusetts stops.

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

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

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



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

### *Test for Disparities in Outcomes of Traffic Stops*

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

### *Tests for Disparities in the Decision to Search*

- Less than 1% of traffic stops statewide resulted in a discretionary, non-inventory search<sup>10</sup> (n = 5,157). Due to the small number of non-inventory searches that were

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

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

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

#### Major Findings of the Department-Level Analyses

- Department-level analyses were conducted for law enforcement agencies that had 100 or more citations during the 12-month data collection period. In total, 364 of the 445 (or 81.8%) agencies/agency sub-divisions who conducted traffic stops in 2021 had 100 or more citations.
- For the Veil of Darkness (VoD) analyses of the decision to stop, binary logistic regression<sup>11</sup> results showed that a total of 5 departments had odds ratios indicating the odds of stopping a Non-White driver (a motorist who is African American/Black, Hispanic, or Other race) were higher during the day than they were at night.
- The results of the VoD analysis for all stops<sup>12</sup> showed that two departments (Chelsea Police Department, Rochester Police Department) had odds ratios that indicated the odds of stopping a Non-White driver were higher during the day than they were at night.
- Binary logistic regression results of the VoD analysis for ITP stops only showed that three departments (Southwick Police Department, Westwood Police Department, Massachusetts State Police Troop C-4) had odds ratios that indicated the odds of stopping a Non-White driver were higher during the day than they were at night.

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

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

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

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

## Major Findings (2022)

### Characteristics of the Statewide Traffic Stop Data<sup>13</sup>

#### *Information About the Stops*

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

#### *Demographics of Stopped Motorists*

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

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

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

### Major Findings of the Statewide Analyses

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

- The chi-square test for all Massachusetts stops (n = 675,916) was statistically significant, which is taken as evidence there is a relationship between the odds of a Non-White motorist (a motorist who is African American/Black, Hispanic, or Other race) being stopped during the day as compared to darkness (as well as a relationship between the odds of a White motorist being stopped during the day as compared to darkness). The results of this test for all stops indicates that White motorists are *more often* stopped in daylight than in darkness whereas Non-White motorists are *less often* stopped in daylight than in darkness.
- In the VoD logistic regression for all stops<sup>14</sup> statewide (n = 675,916) the VoD variable representing light/dark conditions at time of stop was also statistically significant in its relationship to the dependent variable of Non-White stops. Specifically, the odds ratio was .641. This means the odds of a daylight stop for Non-White motorists are 36% lower than the odds of a darkness stop. For this analysis, no support was shown for a pattern of racial disparity in total Massachusetts stops.

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

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

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

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

### *Test for Disparities in Outcomes of Traffic Stops*

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

### *Tests for Disparities in the Decision to Search*

- Less than 1% of traffic stops statewide resulted in a discretionary, non-inventory search<sup>15</sup> (n = 4,867). Due to the small number of non-inventory searches that were conducted *and* the fact that we are not able to determine the initial reason for the stop, caution should be used in interpreting these results, especially for agencies that had very small numbers of searches.
- The results indicate that Non-White motorists (a motorist who is African American/Black, Hispanic, or Other race) were more likely to be subjected to a non-inventory, discretionary search. Specifically, the results show that while about .58% of White motorists were subjected to a non-inventory, discretionary search, .90% of Non-White motorists were subjected to a non-inventory, discretionary search.
- The chi-square test tells us that there appears to be a statistically significant relationship between race/ethnicity of the stopped motorist and whether a non-inventory search is conducted (and that relationship is NOT due to chance alone) but that does not mean that the race/ethnicity of the stopped driver is the CAUSE of the search.

### Major Findings of the Department-Level Analyses

- Department-level analyses were conducted for law enforcement agencies that had 100 or more citations during the 12-month data collection period. In total, 370 of the 460 (or 80.4%) agencies/agency sub-divisions who conducted traffic stops in 2022 had 100 or more citations.
- For the Veil of Darkness (VoD) analyses of the decision to stop, binary logistic regression<sup>16</sup> results showed that a total of 6 departments had odds ratios indicating the odds of stopping a Non-White driver were higher during the day than they were at night.
- The results of the VoD analysis for all stops<sup>17</sup> showed that one department (Marshfield Police Department) had an odds ratio that indicated the odds of stopping a Non-White driver were higher during the day than they were at night.

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

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

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

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

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

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

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

## BACKGROUND OF CURRENT STUDY

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

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

Since the law creates a new tool for law enforcement to stop motorists, some have expressed concern about this new law leading to increased racial disparities in traffic stops (Massachusetts American Civil Liberties Union, 2020). To address these concerns, as part of the legislation (M.G.L. c.90 §63), the Registry of Motor Vehicles (“RMV”) is required to collect the following data from all written Uniform Citations<sup>20</sup> 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;

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<sup>19</sup>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>.

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



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

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

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

## THE CURRENT STUDY

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

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

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

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

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

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

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<sup>21</sup>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 2021, 364 out of 445 (or 81.8%) of law enforcement agencies/agency sub-divisions that had stops in 2021 had 100 or more citations. In 2022, 370 out of 460 (or 80.4%) of law enforcement agencies/agency sub-divisions that had stops in 2022 had 100 or more citations.

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

## METHODOLOGICAL APPROACH

### Description of Variables Available for Analysis

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

#### ***Motorist Demographic Variables***

1. *Age of Motorist.* The age of the motorist is calculated as a whole number based on the motorist Date of Birth (DOB) on file with the Massachusetts Registry of Motor Vehicles (RMV) and citation offense date. Age represents the motorist's age on the date of the stop. Motorists between the ages of 16 and 100 years old are included in the analyses. A small number of age outliers, presumed to be clerical data-entry errors were removed (e.g. 6 year-olds or 150 year-old motorists).
2. *Gender of Motorist.* The gender of the motorist is determined by the self-identified gender on file with the RMV. The categories include: male, female, non-binary<sup>22</sup> and unknown.
3. *Residence ZIP Code of Motorist.* The motorist's residence ZIP Code is the ZIP Code on file with the RMV.
4. *Perceived Race/Ethnicity of the Motorist.* The Massachusetts RMV does not collect information on the race or ethnicity of drivers. Therefore, in the current dataset, the motorist's race/ethnicity is determined by the officer's perception. The categories in the raw data file include: African, American, Asian, Asian Pacific, African American, Caucasian, Cape Verdean, Hispanic, Middle Eastern, American Indian, Pacific Islander, Unknown and White<sup>23</sup>. For the purposes of our analyses, these categories were collapsed into the following new categories: African American/Black, Hispanic, White, and Other (which includes Asian, Asian Pacific, American Indian, Middle Eastern and Pacific Islander)<sup>24</sup>. For some of the analyses, the race/ethnicity categories were further

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<sup>22</sup>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.

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

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

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

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

### ***Information About the Stop***

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

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

### ***Some Notes on Missing Data***

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

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

## Unit of Analysis for Different Methods

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

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



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

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

### **Types of Analyses**

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

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

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

Some of the specific analytical tools used in the current study are described below:<sup>26</sup>

**Veil of Darkness Analysis (VoD):** Developed by Jeffrey Grogger and Greg Ridgeway (2006), the Veil of Darkness (VoD) analysis uses changes in natural light to assess disparate treatment in traffic stops. The VoD analysis compares stops made during the day when it is light to those made at night when it is dark to test for disparities when officers can more easily determine the race/ethnicity of the driver. The underlying assumption is that if law enforcement officers are

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<sup>26</sup>A small percentage of stops involved multiple citations *within the same stop*. In cases where multiple citations were issued during the same stop, all but the first citation were coded as a duplicate and were removed from the dataset to give us only *unique stops*. In some analyses, all citations issued within the same stop *were* included. The unit of analysis for the tests for disparities in outcomes and searches was the citation. For all other analyses, the unit of analysis was the unique stop.

profiling motorists, they are better able to do so during the daylight hours when race/ethnicity is more easily observed. More specifically, the VoD analysis examines a restricted sample of stops occurring during the “intertwilight period,” or ITP which occurs during morning and/or evening commute times. The dawn ITP is defined as the earliest start of civil twilight to the latest sunrise while the dusk ITP is defined as the earliest sunset to the earliest end of civil twilight. Visibility during these times will vary throughout the course of the year, which makes it possible to compare stop decisions *at the same time of day with substantially similar driving populations but in different lighting conditions*. For example, the VoD analysis can compare stops made on February 23, 2022, when it was dark at 6:00 p.m. to stops made two months later at the same time on April 23, 2022, when it was still light outside. This approach increases validity by increasing chances the same drivers, of the same age, race, and gender backgrounds, are driving the same roadways, but sometimes in light, and sometimes in darkness. There is some degree of overlap with commuting times, which tend to stay fixed. Examining light’s impact on stop patterns for all stops (and not just ITP) introduces more confounding factors, as patterns of White and Non-White driving might vary outside of commuting times, meaning these patterns are more susceptible to other, unknown variables and difficult to detect. In sum, using an ITP sub-sample helps to isolate the impact that light has on decisions to stop drivers.

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

and the dusk intertwilight period is from 4:14 p.m. through 9:02 p.m., depending on the time of year. This analysis includes stops that occurred during the combined dawn and dusk intertwilight periods. In line with prior studies, stops that occurred during the civil twilight periods (about 30 minutes *prior* to sunrise to sunrise and from sunset to about 30 minutes *after* sunset) are excluded from the analyses since it is neither light nor dark during these time periods. The VoD analysis was conducted for the state as a whole and for departments that a) had a minimum of 100 citations during the combined ITP period AND b) had at a minimum of 5 cases in each category analyzed (e.g. at least 5 stops of Non-White drivers during the day and at least 5 stops of Non-White drivers at night).

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

We first utilized cross-tabulations (i.e., cross-tabs), which quantitatively analyze the relationship between multiple variables in a dataset. Cross-tabs were then tested for statistical significance using a Pearson's chi-square test for a 2x2 table. The chi-square test is used to compare observed results (actual stops) with expected results (expected stops) to determine if the difference between observed data and expected data is due to chance or if it may be due to

a relationship between variables being studied. For example, the VoD analysis allows researchers to test whether there are statistically significant disparities in the frequency of when a stopped motorist is Non-White during daylight as compared to darkness. If the chi-square value is significant, this means that the variables have a statistically significant association and the pattern shown is true, and not by chance. In other words, the chi-square test examines *within race* differences in stops during daylight versus darkness and the chance of being stopped.

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

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

found the odds of a Non-White driver being stopped in daylight are significantly higher than in darkness. This may be taken as potential evidence of racial disparities in stops after accounting for additional control variables that are available in the stop data, including the season of the year and whether it is a weekday or weekend. Conversely, if the odds ratio is less than 1.0 and statistically significant, the odds of a Non-White driver being stopped in daylight are significantly lower than in darkness (Officer, 2020). For example, an odds ratio of 1.79 means that the odds of a Non-White driver being stopped in daylight are 1.79 times higher than in darkness.

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

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

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

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

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

**Test for Disparities in Outcomes of Traffic Stops:** This analytical tool is intended to test for disparities in the outcomes of the traffic stops to determine whether traffic stops for Non-White motorists result in different outcomes relative to their White counterparts. The possible outcomes include a warning, civil citation, criminal citation, or an arrest. For example, are there disparities in who gets a written warning versus who gets a citation?

To investigate this, we first utilized cross-tabs to determine if there are disparities in outcomes by race/ethnicity. Additionally, the cross-tabs were also tested for statistical

significance with chi-squares<sup>27</sup> for both the statewide analysis and the department-level analyses. This technique allows researchers to test whether there are statistically significant disparities by race whether a stopped motorist is given a warning, citation or is arrested. If the chi-square value is significant, this means that the variables have a statistically significant association and the pattern shown is true and not due to chance alone.

**Tests for Disparities in the Decision to Search:** The final analytical tool used in this study is intended to test for disparities in the decision to conduct discretionary searches. For example, are Non-White motorists more likely to be subject to discretionary searches than White motorists?

To investigate this, we first utilized cross-tabs to determine if there are disparities in discretionary, non-inventory searches by race/ethnicity. An inventory search is a warrantless search of a lawfully impounded vehicle by law enforcement for administrative purposes rather than to locate incriminating evidence. The purpose of an inventory search is for the law enforcement agency to inventory the contents of the vehicle to a) protect the owner's property located inside the vehicle; b) protect law enforcement from claims that property was lost, damaged or stolen and c) protect the police and public from dangerous items that may be located inside the vehicle (Massachusetts Chiefs of Police Association, 2019). Conversely, a non-inventory search is a search of a motor vehicle conducted with the purpose of locating incriminating evidence. For agencies with *at least* 100 searches, this is presented as a percentage. For agencies with *less than* 100 searches, this is presented as a count. Due to the

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<sup>27</sup>An alpha level of .05 was used for all statistical tests.



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

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

**CHARACTERISTICS OF STATEWIDE TRAFFIC STOP DATA****All Stops (Statewide)**

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

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

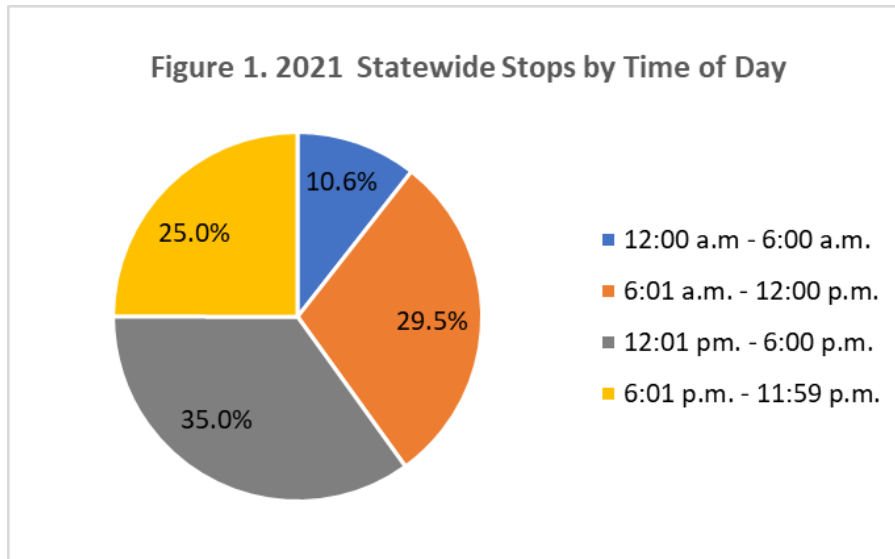
		2021 Stops		2022 Stops	
		All Stops (N = 594,213)	ITP Stops (N = 191,831)	All Stops (N = 675,916)	ITP Stops (N = 222, 111)
Mean Age		37.53	37.23	37.93	37.75
Zip Code Matching					
	Intown motorist	30.3%	30.1%	30.1%	30.3%
	Passing through	69.7%	69.9%	69.9%	69.7%
Gender	%				
	Female	36.0%	34.9%	36.1%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

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

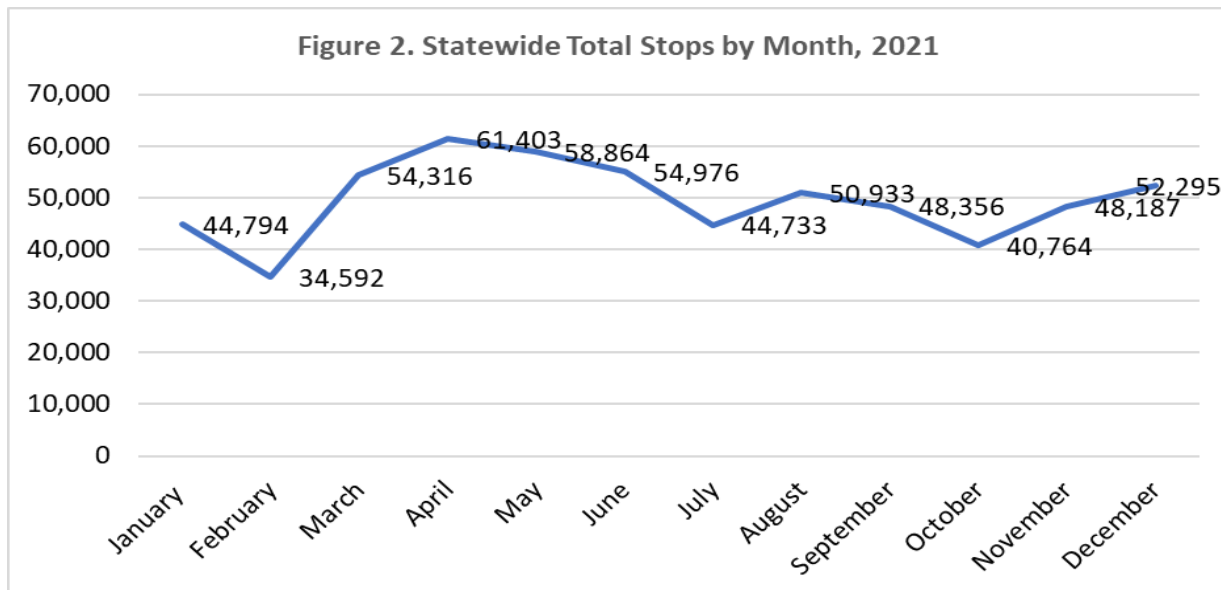
### ***Information About the Stops - 2021***

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

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



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



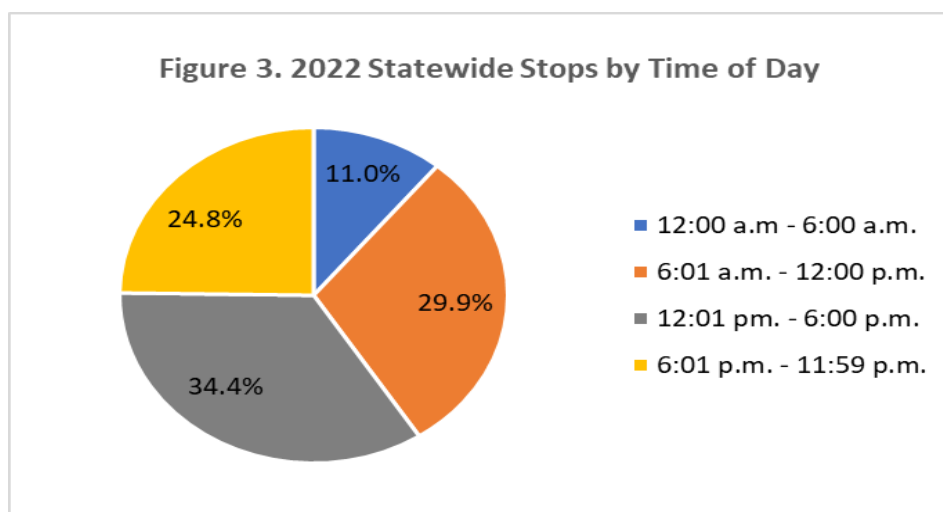
The volume of traffic stops also varied by season. The highest volume of traffic stops occurred in the spring while the lowest volume of traffic stops occurred in the winter.

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

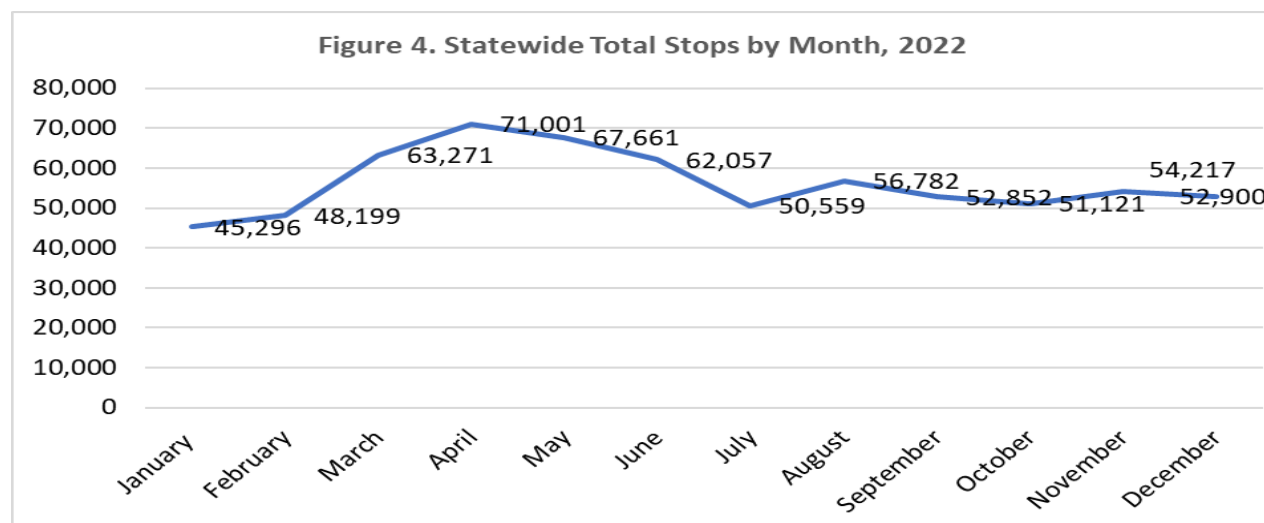
### ***Information About the Stops - 2022***

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

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



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



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

### ***Demographics of Stopped Motorists - 2021***

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

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

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

We were also interested in examining the percentage of stopped motorists who live in the community where the stop occurred versus the percentage of stopped motorists who do NOT live in the community where the stop occurred. This was accomplished by using the ZIP Code of the motorist's home address on file with the Massachusetts Registry of Motor Vehicles (RMV) and comparing it to the ZIP Code of the location where the stop occurred to see if the ZIP Codes are within the same city/town<sup>29</sup>. About 69.7% of stopped drivers were not residents of the jurisdiction in which the stop occurred. Additionally, 91.1% of stopped drivers were Massachusetts drivers while the remaining 8.9% of stopped drivers were not residents of Massachusetts.

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

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<sup>29</sup>Official United States Postal Service ZIP codes were identified for each community/police agency using the USPS "Find a ZIP Code" tool <https://tools.usps.com/zip-code-lookup.htm?bycitystate>. In some rare cases, particularly in smaller communities or those with multiple or overlapping ZIP codes, matches may be underestimated slightly.

### ***Demographics of Stopped Motorists - 2022***

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

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

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

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



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

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

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

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

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

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

**FINDINGS - 2021**

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

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

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

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

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

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

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

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

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

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

**2021 Test for Disparities in Outcomes of Traffic Stops**

As noted previously, this analytical tool is intended to test for disparities in the outcomes of traffic stops to determine whether Non-White motorists (a motorist who is African American/Black, Hispanic, or Other race) receive different penalties relative to their White counterparts. Possible outcomes include a warning, civil citation, criminal citation, or an arrest. These figures represent the percentage of outcome by race/ethnicity, based on total citations written. Results for 2021 are displayed in Table 3 below.

**Table 3. 2021 Statewide Stop Outcomes by Race/Ethnicity**

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

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

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

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

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

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

### **2021 Tests for Disparities in the Decision to Search**

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

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

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

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

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

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

**FINDINGS - 2022**

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

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

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

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

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

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



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

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

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

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

### **2022 Test for Disparities in Outcomes of Traffic Stops**

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

American/Black, Hispanic, or Other race) receive different penalties relative to their White counterparts. Possible outcomes include a warning, civil citation, criminal citation, or an arrest. These figures represent the percentage of outcome by race/ethnicity, based on total citations written. Results for 2022 are displayed in Table 6 below.

**Table 6. 2022 Statewide Stop Outcomes by Race/Ethnicity**

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

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

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

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

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

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

## 2022 Tests for Disparities in the Decision to Search

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

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

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

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

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

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

## DISCUSSION & CONCLUSION

### Limitations

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

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

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

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

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

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



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

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

### **Recommendations for the Future Study of Patterns of Disparity in Massachusetts Traffic Stops**

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

***Improving Data Collection and Analysis to Increase Study Validity***

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

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

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

### ***Improving Process and Relevance of Data Analysis Results***

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

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

starting point for reflection and discussion.

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

### **Strengths of Current Study**

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

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

## Conclusion

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

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

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## Appendix A Department-Level Analyses Explained

### Important Notes:

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

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

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

For the following analyses, the **unit of analysis** is the **unique stops**:<sup>32</sup>

**1. ZIP Code Matching Analysis** - This analysis examines the percentage of stopped motorists who live in the community where the stop occurred versus the percentage of stopped motorists who do NOT live in the community where the stop occurred. This was accomplished by using the ZIP Code of the home address of the stopped motorist recorded from the driver’s license and comparing it to the ZIP Code of the location where the stop occurred to determine if the ZIP Codes are within the same city/town<sup>33</sup>.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

For the following analyses, the **unit of analysis** is the **citation**:<sup>34</sup>

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

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

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

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

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

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

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

Appendix B **2021 Alphabetical Index of Departments Analyzed**

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<sup>36</sup> For a list of catchment areas for each Massachusetts State Police Troop, please see page 819

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**Appendix C 2021 Department-Level Analyses Tables**

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## **2021 MUNICIPAL POLICE DEPARTMENTS**



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ABINGTON POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ACTON POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ACUSHNET POLICE DEPARTMENT

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ADAMS POLICE DEPARTMENT

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AGAWAM POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AMESBURY POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AMHERST POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ARLINGTON POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ASHBURNHAM POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ASHLAND POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ATTLEBORO POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AUBURN POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AVON POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AYER POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BARNSTABLE POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BARRE POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BEDFORD POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BELCHERTOWN POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BELLINGHAM POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BERLIN POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BEVERLY POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BILLERICA POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOLTON POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOURNE POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

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

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



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOYLSTON POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BRAINTREE POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BREWSTER POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BRIDGEWATER POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BROCKTON POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BROOKLINE POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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



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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BURLINGTON POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CAMBRIDGE POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CANTON POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CHARLTON POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CHELMSFORD POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CHELSEA POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CHICOPEE POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### COHASSET POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CONCORD POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DANVERS POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DARTMOUTH POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DEDHAM POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DENNIS POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DOUGLAS POLICE DEPARTMENT

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

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

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

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

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

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

#### Comparative Analyses

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

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

#### VoD Analyses

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

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

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

#### Citation Outcomes by Race<sup>8</sup>

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

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

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

Total Citations <sup>1</sup> : <b>256</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>15.9%</b>	Citations per 1000		
	Passing through:		<b>84.1%</b>	18 + residents: <b>67.8</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 226)</b>				<b>ITP Stops<sup>3</sup> (N = 104)</b>		
Mean age				Mean age		
<b>36.5</b>				<b>37.02</b>		
Gender %				Gender %		
Female <b>38.5%</b>				Female <b>34.6%</b>		
Male <b>61.5%</b>				Male <b>65.4%</b>		
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>		
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>		
AA/Black <b>7.1%</b>				AA/Black <b>7.7%</b>		
Hispanic <b>4.9%</b>				Hispanic <b>3.8%</b>		
White <b>83.6%</b>				White <b>81.7%</b>		
Other <b>4.4%</b>				Other <b>6.7%</b>		
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	<b>7.1%</b>	<b>0.0%</b>	<b>7.1%</b>	AA/Black	<b>7.1%</b>	<b>14.4% -7.3%</b>
Hispanic	<b>4.9%</b>	<b>3.1%</b>	<b>1.8%</b>	Hispanic	<b>4.9%</b>	<b>14.5% -9.6%</b>
White	<b>83.6%</b>	<b>84.8%</b>	<b>-1.2%</b>	White	<b>83.6%</b>	<b>66.4% 17.2%</b>
Other	<b>4.4%</b>	<b>12.4%</b>	<b>-8.0%</b>	Other	<b>4.4%</b>	<b>4.6% -0.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	34	<b>14.7%</b>	<b>18.6%</b>	NW	N/A	<b>N/A N/A</b>
White	181	<b>85.3%</b>	<b>81.4%</b>	White	N/A	<b>N/A N/A</b>
Chi-square, X-tab <sup>6</sup> :		.484	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		.641	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>75.0%</b>	<b>18.8%</b>	<b>6.3%</b>	<b>0.0%</b>	NW	<b>0 N/A</b>
Hispanic	<b>41.7%</b>	<b>0.0%</b>	<b>58.3%</b>	<b>0.0%</b>	White	<b>0 N/A</b>
White	<b>70.6%</b>	<b>15.9%</b>	<b>9.3%</b>	<b>4.2%</b>		
Other	<b>90.9%</b>	<b>9.1%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> : .000* sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DRACUT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>366</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.1%</b>	Citations per 1000	
	Passing through:	<b>59.9%</b>	18 + residents:	<b>14.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 312)				ITP Stops <sup>3</sup> (N = 83)			
Mean age				Mean age			
<b>38.09</b>				<b>35.83</b>			
Gender %				Gender %			
Female <b>40.9%</b>				Female <b>38.3%</b>			
Male <b>59.1%</b>				Male <b>61.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>3.6%</b>			
AA/Black <b>9.6%</b>				AA/Black <b>8.8%</b>			
Hispanic <b>17.5%</b>				Hispanic <b>21.3%</b>			
White <b>68.9%</b>				White <b>65.0%</b>			
Other <b>4.0%</b>				Other <b>5.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.6%</b>	<b>4.5%</b>	<b>5.1%</b>	AA/Black	<b>9.6%</b>	<b>14.4%</b>	<b>-4.8%</b>
Hispanic	<b>17.5%</b>	<b>6.6%</b>	<b>10.9%</b>	Hispanic	<b>17.5%</b>	<b>14.5%</b>	<b>3.0%</b>
White	<b>68.9%</b>	<b>83.4%</b>	<b>-14.5%</b>	White	<b>68.9%</b>	<b>66.4%</b>	<b>2.5%</b>
Other	<b>4.0%</b>	<b>6.1%</b>	<b>-2.1%</b>	Other	<b>4.0%</b>	<b>4.6%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	85	<b>30.8%</b>	<b>30.8%</b>	NW	24	<b>46.2%</b>	<b>30.8%</b>
White	191	<b>69.2%</b>	<b>69.2%</b>	White	41	<b>53.8%</b>	<b>69.2%</b>
Chi-square, X-tab <sup>6</sup> : .995 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .208 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : 1.014 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.968 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.9%</b>	<b>16.7%</b>	<b>16.7%</b>	<b>2.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>62.1%</b>	<b>16.7%</b>	<b>16.7%</b>	<b>4.5%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>70.3%</b>	<b>13.8%</b>	<b>11.7%</b>	<b>4.2%</b>			
Other	<b>84.6%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>15.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .333 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DUDLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>606</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.1%</b>	Citations per 1000	
	Passing through:	<b>69.9%</b>	18 + residents:	<b>64.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 567)				ITP Stops <sup>3</sup> (N = 196)			
Mean age				Mean age			
<b>34.83</b>				<b>34.74</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>29.7%</b>			
Male <b>64.2%</b>				Male <b>70.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>7.2%</b>				AA/Black <b>6.8%</b>			
Hispanic <b>15.6%</b>				Hispanic <b>18.3%</b>			
White <b>76.3%</b>				White <b>73.3%</b>			
Other <b>0.9%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>2.0%</b>	<b>5.2%</b>	AA/Black	<b>7.2%</b>	<b>14.4%</b>	<b>-7.2%</b>
Hispanic	<b>15.6%</b>	<b>3.6%</b>	<b>12.0%</b>	Hispanic	<b>15.6%</b>	<b>14.5%</b>	<b>1.1%</b>
White	<b>76.3%</b>	<b>88.4%</b>	<b>-12.1%</b>	White	<b>76.3%</b>	<b>66.4%</b>	<b>9.9%</b>
Other	<b>0.9%</b>	<b>6.2%</b>	<b>-5.3%</b>	Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	125	<b>20.3%</b>	<b>30.2%</b>	NW	47	<b>26.1%</b>	<b>27.3%</b>
White	413	<b>79.7%</b>	<b>69.8%</b>	White	130	<b>73.9%</b>	<b>72.7%</b>
Chi-square, X-tab <sup>6</sup> : .013* sig.				Chi-square, X-tab <sup>6</sup> : .867 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .631* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.235 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>30.0%</b>	<b>25.0%</b>	<b>5.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>35.1%</b>	<b>34.0%</b>	<b>26.6%</b>	<b>4.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>51.2%</b>	<b>28.4%</b>	<b>11.6%</b>	<b>8.8%</b>			
Other	<b>40.0%</b>	<b>60.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .002* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DUNSTABLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>512</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.9%</b>	Citations per 1000	
	Passing through:	<b>94.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 505)				ITP Stops <sup>3</sup> (N = 230)			
Mean age				Mean age			
<b>33.94</b>				<b>34.23</b>			
Gender %				Gender %			
Female <b>28.3%</b>				Female <b>31.3%</b>			
Male <b>71.7%</b>				Male <b>68.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>3.2%</b>				AA/Black <b>2.2%</b>			
Hispanic <b>12.2%</b>				Hispanic <b>10.2%</b>			
White <b>80.2%</b>				White <b>82.7%</b>			
Other <b>4.4%</b>				Other <b>4.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.2%</b>	<b>14.4%</b>	<b>-11.2%</b>
Hispanic	<b>12.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>12.2%</b>	<b>14.5%</b>	<b>-2.3%</b>
White	<b>80.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>80.2%</b>	<b>66.4%</b>	<b>13.8%</b>
Other	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.4%</b>	<b>4.6%</b>	<b>-0.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	97	<b>18.9%</b>	<b>24.0%</b>	NW	37	<b>17.2%</b>	<b>19.6%</b>
White	381	<b>81.1%</b>	<b>76.0%</b>	White	170	<b>82.8%</b>	<b>80.4%</b>
Chi-square, X-tab <sup>6</sup> :		.217	not sig.	Chi-square, X-tab <sup>6</sup> :		.686	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.790	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.835	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>18.8%</b>	<b>25.0%</b>	<b>56.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>6.3%</b>	<b>14.3%</b>	<b>79.4%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>30.6%</b>	<b>34.1%</b>	<b>34.6%</b>	<b>0.7%</b>			
Other	<b>45.5%</b>	<b>27.3%</b>	<b>27.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT DUXBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>765</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>28.5%</b>			Citations per 1000			
	Passing through: <b>71.5%</b>			18 + residents: <b>64.3</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
All Stops <sup>2</sup> (N = 732)				ITP Stops <sup>3</sup> (N = 213)			
Mean age				Mean age			
<b>38.37</b>				<b>36.11</b>			
Gender %				Gender %			
Female <b>35.6%</b>				Female <b>28.9%</b>			
Male <b>64.3%</b>				Male <b>70.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>4.5%</b>				AA/Black <b>3.3%</b>			
Hispanic <b>2.5%</b>				Hispanic <b>3.3%</b>			
White <b>92.5%</b>				White <b>93.3%</b>			
Other <b>0.6%</b>				Other <b>0.0%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>4.5%</b>	<b>0.8%</b>	<b>3.7%</b>	AA/Black	<b>4.5%</b>	<b>14.4%</b>	<b>-9.9%</b>
Hispanic	<b>2.5%</b>	<b>0.9%</b>	<b>1.6%</b>	Hispanic	<b>2.5%</b>	<b>14.5%</b>	<b>-12.0%</b>
White	<b>92.5%</b>	<b>95.5%</b>	<b>-3.0%</b>	White	<b>92.5%</b>	<b>66.4%</b>	<b>26.1%</b>
Other	<b>0.6%</b>	<b>2.9%</b>	<b>-2.3%</b>	Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	<b>8.2%</b>	<b>6.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	630	<b>91.8%</b>	<b>93.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.439	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.231	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.4%</b>	<b>15.6%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>55.0%</b>	<b>5.0%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>70.8%</b>	<b>14.3%</b>	<b>12.7%</b>	<b>2.2%</b>			
Other	<b>50.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>25.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EAST BRIDGEWATER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,000</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.8%</b>	Citations per 1000	
	Passing through:	<b>83.2%</b>	18 + residents:	<b>184.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,972)				ITP Stops <sup>3</sup> (N = 657)			
Mean age				Mean age			
<b>36.39</b>				<b>35.76</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>32.8%</b>			
Male <b>63.2%</b>				Male <b>67.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>17.1%</b>				AA/Black <b>14.9%</b>			
Hispanic <b>4.2%</b>				Hispanic <b>5.3%</b>			
White <b>77.6%</b>				White <b>79.1%</b>			
Other <b>1.1%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.1%</b>	<b>3.9%</b>	<b>13.2%</b>	AA/Black	<b>17.1%</b>	<b>14.4%</b>	<b>2.7%</b>
Hispanic	<b>4.2%</b>	<b>2.1%</b>	<b>2.1%</b>	Hispanic	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
White	<b>77.6%</b>	<b>88.0%</b>	<b>-10.4%</b>	White	<b>77.6%</b>	<b>66.4%</b>	<b>11.2%</b>
Other	<b>1.1%</b>	<b>4.4%</b>	<b>-3.3%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	406	<b>21.1%</b>	<b>24.8%</b>	NW	117	<b>19.2%</b>	<b>21.7%</b>
White	1,423	<b>78.9%</b>	<b>75.2%</b>	White	459	<b>80.8%</b>	<b>78.3%</b>
Chi-square, X-tab <sup>6</sup> : .080 not sig.				Chi-square, X-tab <sup>6</sup> : .451 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .764* sig.				Odds ratio Exp(B) <sup>7</sup> : .527* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.6%</b>	<b>13.6%</b>	<b>17.5%</b>	<b>3.3%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>55.0%</b>	<b>10.0%</b>	<b>32.5%</b>	<b>2.5%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>76.6%</b>	<b>12.3%</b>	<b>9.0%</b>	<b>2.1%</b>			
Other	<b>85.0%</b>	<b>0.0%</b>	<b>15.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT EAST BROOKFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>957</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>8.5%</b>			Citations per 1000				
	Passing through: <b>91.5%</b>			18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 938)					ITP Stops <sup>3</sup> (N = 366)			
Mean age					Mean age			
<b>38.94</b>					<b>39.29</b>			
Gender %					Gender %			
Female <b>46.4%</b>					Female <b>47.0%</b>			
Male <b>53.4%</b>					Male <b>52.5%</b>			
Non-binary <b>0.2%</b>					Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.2%</b>					Race % Mis/Unk <sup>4</sup> <b>4.4%</b>			
AA/Black <b>3.3%</b>					AA/Black <b>1.7%</b>			
Hispanic <b>4.0%</b>					Hispanic <b>4.3%</b>			
White <b>92.1%</b>				White <b>93.1%</b>				
Other <b>0.6%</b>				Other <b>0.9%</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>3.3%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>3.3%</b>	<b>14.4%</b>	<b>-11.1%</b>
Hispanic	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
White	<b>92.1%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>92.1%</b>	<b>66.4%</b>	<b>25.7%</b>
Other	<b>0.6%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	68	<b>7.0%</b>	<b>10.7%</b>		NW	21	<b>7.2%</b>	<b>6.0%</b>
White	788	<b>93.0%</b>	<b>89.3%</b>		White	290	<b>92.8%</b>	<b>94.0%</b>
Chi-square, X-tab <sup>6</sup> :		.084	not sig.		Chi-square, X-tab <sup>6</sup> :		.697	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.511*	sig.		Odds ratio Exp(B) <sup>7</sup> :		.386	not sig.
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>78.1%</b>	<b>0.0%</b>	<b>6.3%</b>	<b>15.6%</b>	NW	<b>6</b>	<b>N/A</b>	
Hispanic	<b>65.8%</b>	<b>13.2%</b>	<b>10.5%</b>	<b>10.5%</b>	White	<b>28</b>	<b>N/A</b>	
White	<b>89.6%</b>	<b>4.4%</b>	<b>3.1%</b>	<b>3.0%</b>				
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :								
.000* sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT EAST LONGMEADOW POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>233</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>26.9%</b>	Citations per 1000				
	Passing through:		<b>73.1%</b>	18 + residents: <b>18.4</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 201)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>37.1</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>37.6%</b>				Female <b>N/A</b>				
Male <b>62.4%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>17.1%</b>				AA/Black <b>N/A</b>				
Hispanic <b>1.6%</b>				Hispanic <b>N/A</b>				
White <b>78.8%</b>			White <b>N/A</b>					
Other <b>2.6%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>17.1%</b>	<b>4.7%</b>	<b>12.4%</b>		AA/Black	<b>17.1%</b>	<b>14.4%</b>	<b>2.7%</b>
Hispanic	<b>1.6%</b>	<b>3.9%</b>	<b>-2.3%</b>		Hispanic	<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>
White	<b>78.8%</b>	<b>85.3%</b>	<b>-6.5%</b>		White	<b>78.8%</b>	<b>66.4%</b>	<b>12.4%</b>
Other	<b>2.6%</b>	<b>6.2%</b>	<b>-3.6%</b>		Other	<b>2.6%</b>	<b>4.6%</b>	<b>-2.0%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	37	<b>17.2%</b>	<b>30.8%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	137	<b>82.8%</b>	<b>69.2%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.045*	sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.632	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>48.7%</b>	<b>10.3%</b>	<b>35.9%</b>	<b>5.1%</b>	NW	<b>2</b>	<b>N/A</b>	
Hispanic	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>	
White	<b>61.2%</b>	<b>12.4%</b>	<b>19.1%</b>	<b>7.3%</b>				
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :								
.391				not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EASTHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>978</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.5%</b>	Citations per 1000	
	Passing through:	<b>89.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 927)				ITP Stops <sup>3</sup> (N = 376)			
Mean age				Mean age			
<b>40.85</b>				<b>37.13</b>			
Gender %				Gender %			
Female <b>40.2%</b>				Female <b>35.1%</b>			
Male <b>59.7%</b>				Male <b>64.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>7.4%</b>				AA/Black <b>8.1%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>5.4%</b>			
White <b>85.2%</b>				White <b>81.5%</b>			
Other <b>3.3%</b>				Other <b>5.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.4%</b>	<b>14.4%</b>	<b>-7.0%</b>
Hispanic	<b>4.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
White	<b>85.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.2%</b>	<b>66.4%</b>	<b>18.8%</b>
Other	<b>3.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.3%</b>	<b>4.6%</b>	<b>-1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	131	<b>13.6%</b>	<b>21.5%</b>	NW	64	<b>18.4%</b>	<b>21.0%</b>
White	747	<b>86.4%</b>	<b>78.5%</b>	White	273	<b>81.6%</b>	<b>79.0%</b>
Chi-square, X-tab <sup>6</sup> : .014* sig.				Chi-square, X-tab <sup>6</sup> : .599 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .585* sig.				Odds ratio Exp(B) <sup>7</sup> : .780 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>88.4%</b>	<b>8.7%</b>	<b>1.4%</b>	<b>1.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>5.0%</b>	<b>17.5%</b>	<b>2.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.7%</b>	<b>7.5%</b>	<b>3.6%</b>	<b>4.2%</b>			
Other	<b>96.8%</b>	<b>3.2%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .002* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EASTHAMPTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>466</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.9%</b>	Citations per 1000	
	Passing through:	<b>62.1%</b>	18 + residents:	<b>34.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 425)				ITP Stops <sup>3</sup> (N = 170)			
Mean age				Mean age			
<b>37.36</b>				<b>34.23</b>			
Gender %				Gender %			
Female <b>41.6%</b>				Female <b>37.3%</b>			
Male <b>58.4%</b>				Male <b>62.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>6.5%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>9.2%</b>				Hispanic <b>10.1%</b>			
White <b>81.9%</b>				White <b>81.5%</b>			
Other <b>2.4%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.5%</b>	<b>1.9%</b>	<b>4.6%</b>	AA/Black	<b>6.5%</b>	<b>14.4%</b>	<b>-7.9%</b>
Hispanic	<b>9.2%</b>	<b>4.5%</b>	<b>4.7%</b>	Hispanic	<b>9.2%</b>	<b>14.5%</b>	<b>-5.3%</b>
White	<b>81.9%</b>	<b>89.2%</b>	<b>-7.3%</b>	White	<b>81.9%</b>	<b>66.4%</b>	<b>15.5%</b>
Other	<b>2.4%</b>	<b>5.0%</b>	<b>-2.6%</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	72	<b>14.0%</b>	<b>27.8%</b>	NW	28	<b>14.6%</b>	<b>24.2%</b>
White	319	<b>86.0%</b>	<b>72.2%</b>	White	120	<b>85.4%</b>	<b>75.8%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .138 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .464* sig.				Odds ratio Exp(B) <sup>7</sup> : .393 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>34.5%</b>	<b>24.1%</b>	<b>34.5%</b>	<b>6.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>51.3%</b>	<b>23.1%</b>	<b>23.1%</b>	<b>2.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>57.4%</b>	<b>20.2%</b>	<b>15.7%</b>	<b>6.6%</b>			
Other	<b>80.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>20.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .037* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EASTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>831</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.0%</b>	Citations per 1000	
	Passing through:	<b>100.0%</b>	18 + residents:	<b>41.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 617)				ITP Stops <sup>3</sup> (N = 195)			
Mean age				Mean age			
<b>37.93</b>				<b>36.45</b>			
Gender %				Gender %			
Female <b>40.2%</b>				Female <b>37.4%</b>			
Male <b>59.8%</b>				Male <b>62.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>24.5%</b>				AA/Black <b>22.3%</b>			
Hispanic <b>4.0%</b>				Hispanic <b>2.1%</b>			
White <b>69.2%</b>				White <b>72.0%</b>			
Other <b>2.3%</b>				Other <b>3.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>24.5%</b>	<b>4.2%</b>	<b>20.3%</b>	AA/Black	<b>24.5%</b>	<b>14.4%</b>	<b>10.1%</b>
Hispanic	<b>4.0%</b>	<b>3.0%</b>	<b>1.0%</b>	Hispanic	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
White	<b>69.2%</b>	<b>88.1%</b>	<b>-18.9%</b>	White	<b>69.2%</b>	<b>66.4%</b>	<b>2.8%</b>
Other	<b>2.3%</b>	<b>3.8%</b>	<b>-1.5%</b>	Other	<b>2.3%</b>	<b>4.6%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	164	<b>28.1%</b>	<b>41.3%</b>	NW	46	<b>30.4%</b>	<b>16.7%</b>
White	370	<b>71.9%</b>	<b>58.7%</b>	White	119	<b>69.6%</b>	<b>83.3%</b>
Chi-square, X-tab <sup>6</sup> : .009* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .130 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .555* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 2.237 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>39.5%</b>	<b>28.1%</b>	<b>27.0%</b>	<b>5.4%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>25.8%</b>	<b>38.7%</b>	<b>32.3%</b>	<b>3.2%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>43.6%</b>	<b>35.7%</b>	<b>15.3%</b>	<b>5.3%</b>			
Other	<b>68.8%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .003* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT EDGARTOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>149</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>28.3%</b>			Citations per 1000				
	Passing through: <b>71.7%</b>			18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 99)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
35.67					N/A			
Gender %					Gender %			
Female 29.5%					Female N/A			
Male 70.5%					Male N/A			
Non-binary 0.0%					Non-binary N/A			
Race % Mis/Unk <sup>4</sup> 5.1%					Race % Mis/Unk <sup>4</sup> N/A			
AA/Black 9.6%					AA/Black N/A			
Hispanic 1.1%					Hispanic N/A			
White 87.2%				White N/A				
Other 2.1%				Other N/A				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	9.6%	N/A	N/A		AA/Black	9.6%	14.4%	-4.8%
Hispanic	1.1%	N/A	N/A		Hispanic	1.1%	14.5%	-13.4%
White	87.2%	N/A	N/A		White	87.2%	66.4%	20.8%
Other	2.1%	N/A	N/A		Other	2.1%	4.6%	-2.5%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	N/A	N/A	N/A		NW	N/A	N/A	N/A
White	N/A	N/A	N/A		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :	N/A	N/A			Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A			Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	33.3%	33.3%	22.2%	11.1%	NW	0	N/A	
Hispanic	0.0%	0.0%	0.0%	100.0%	White	4	N/A	
White	31.0%	20.2%	34.1%	14.7%				
Other	66.7%	0.0%	33.3%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .420 not sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT EGREMONT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>355</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>12.0%</b>			Citations per 1000				
	Passing through: <b>88.0%</b>			18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 350)					ITP Stops <sup>3</sup> (N = 161)			
Mean age					Mean age			
<b>36.71</b>					<b>36.68</b>			
Gender %					Gender %			
Female <b>36.2%</b>					Female <b>35.2%</b>			
Male <b>63.5%</b>					Male <b>64.2%</b>			
Non-binary <b>0.3%</b>					Non-binary <b>0.6%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>					Race % Mis/Unk <sup>4</sup> <b>3.7%</b>			
AA/Black <b>2.1%</b>					AA/Black <b>2.6%</b>			
Hispanic <b>2.6%</b>					Hispanic <b>0.0%</b>			
White <b>95.3%</b>				White <b>94.2%</b>				
Other <b>0.0%</b>				Other <b>3.2%</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>2.1%</b>	<b>14.4%</b>	<b>-12.3%</b>
Hispanic	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>2.6%</b>	<b>14.5%</b>	<b>-11.9%</b>
White	<b>95.3%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>95.3%</b>	<b>66.4%</b>	<b>28.9%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	15	<b>3.8%</b>	<b>6.0%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	294	<b>96.3%</b>	<b>94.0%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.349	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.499	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>14.3%</b>	<b>57.1%</b>	<b>14.3%</b>	<b>14.3%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>13.7%</b>	<b>60.5%</b>	<b>20.4%</b>	<b>5.5%</b>				
Other	<b>0.0%</b>	<b>88.9%</b>	<b>0.0%</b>	<b>11.1%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.454 not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ERVING POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>420</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>4.5%</b>	Citations per 1000	
	Passing through:	<b>95.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 402)				ITP Stops <sup>3</sup> (N = 186)			
Mean age				Mean age			
<b>37.93</b>				<b>38.59</b>			
Gender %				Gender %			
Female <b>28.4%</b>				Female <b>26.3%</b>			
Male <b>71.3%</b>				Male <b>73.7%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>9.2%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>9.5%</b>				Hispanic <b>6.0%</b>			
White <b>79.2%</b>				White <b>83.0%</b>			
Other <b>2.1%</b>				Other <b>3.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.2%</b>	<b>14.4%</b>	<b>-5.2%</b>
Hispanic	<b>9.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.5%</b>	<b>14.5%</b>	<b>-5.0%</b>
White	<b>79.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>79.2%</b>	<b>66.4%</b>	<b>12.8%</b>
Other	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.1%</b>	<b>4.6%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	75	<b>20.8%</b>	<b>22.1%</b>	NW	26	<b>16.4%</b>	<b>16.0%</b>
White	279	<b>79.2%</b>	<b>77.9%</b>	White	134	<b>83.6%</b>	<b>84.0%</b>
Chi-square, X-tab <sup>6</sup> :		.783	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.954	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		1.039	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.930	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>41.7%</b>	<b>30.6%</b>	<b>22.2%</b>	<b>5.6%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>35.9%</b>	<b>17.9%</b>	<b>12.8%</b>	White	<b>21</b>	<b>N/A</b>
White	<b>32.8%</b>	<b>39.0%</b>	<b>21.4%</b>	<b>6.8%</b>			
Other	<b>30.0%</b>	<b>30.0%</b>	<b>20.0%</b>	<b>20.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.767	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ESSEX POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>304</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>15.5%</b>			Citations per 1000			
	Passing through: <b>84.5%</b>			18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
All Stops <sup>2</sup> (N = 291)				ITP Stops <sup>3</sup> (N = 156)			
Mean age				Mean age			
<b>40.53</b>				<b>40.18</b>			
Gender %				Gender %			
Female <b>30.7%</b>				Female <b>28.2%</b>			
Male <b>69.0%</b>				Male <b>71.2%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.6%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>1.4%</b>				AA/Black <b>2.6%</b>			
Hispanic <b>3.9%</b>				Hispanic <b>3.9%</b>			
White <b>94.0%</b>				White <b>92.9%</b>			
Other <b>0.7%</b>				Other <b>0.6%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>1.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.4%</b>	<b>14.4%</b>	<b>-13.0%</b>
Hispanic	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.9%</b>	<b>14.5%</b>	<b>-10.6%</b>
White	<b>94.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>94.0%</b>	<b>66.4%</b>	<b>27.6%</b>
Other	<b>0.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	15	<b>5.6%</b>	<b>6.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	244	<b>94.4%</b>	<b>93.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.806	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.928	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>25.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>25.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>23.1%</b>	<b>15.4%</b>	<b>53.8%</b>	<b>7.7%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>48.9%</b>	<b>33.1%</b>	<b>12.9%</b>	<b>5.0%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .011* sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EVERETT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,628</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.3%</b>	Citations per 1000	
	Passing through:	<b>67.7%</b>	18 + residents:	<b>45.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,506)				ITP Stops <sup>3</sup> (N = 299)			
Mean age				Mean age			
<b>38.53</b>				<b>36.54</b>			
Gender %				Gender %			
Female <b>33.6%</b>				Female <b>28.9%</b>			
Male <b>66.4%</b>				Male <b>71.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>16.5%</b>				Race % Mis/Unk <sup>4</sup> <b>7.0%</b>			
AA/Black <b>19.6%</b>				AA/Black <b>15.8%</b>			
Hispanic <b>30.9%</b>				Hispanic <b>30.2%</b>			
White <b>40.5%</b>				White <b>45.0%</b>			
Other <b>9.0%</b>				Other <b>9.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.6%</b>	<b>18.0%</b>	<b>1.6%</b>	AA/Black	<b>19.6%</b>	<b>14.4%</b>	<b>5.2%</b>
Hispanic	<b>30.9%</b>	<b>28.3%</b>	<b>2.6%</b>	Hispanic	<b>30.9%</b>	<b>14.5%</b>	<b>16.4%</b>
White	<b>40.5%</b>	<b>43.6%</b>	<b>-3.1%</b>	White	<b>40.5%</b>	<b>66.4%</b>	<b>-25.9%</b>
Other	<b>9.0%</b>	<b>14.0%</b>	<b>-5.0%</b>	Other	<b>9.0%</b>	<b>4.6%</b>	<b>4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	703	<b>59.2%</b>	<b>62.7%</b>	NW	136	<b>53.5%</b>	<b>55.1%</b>
White	473	<b>40.8%</b>	<b>37.3%</b>	White	115	<b>46.5%</b>	<b>44.9%</b>
Chi-square, X-tab <sup>6</sup> :		.346	not sig.	Chi-square, X-tab <sup>6</sup> :		.793	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.943	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.520	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.3%</b>	<b>41.1%</b>	<b>17.1%</b>	<b>1.6%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>43.9%</b>	<b>27.9%</b>	<b>23.9%</b>	<b>4.2%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>48.6%</b>	<b>32.4%</b>	<b>16.4%</b>	<b>2.6%</b>			
Other	<b>73.7%</b>	<b>22.8%</b>	<b>3.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FAIRHAVEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>730</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.9%</b>	Citations per 1000	
	Passing through:	<b>79.1%</b>	18 + residents:	<b>55.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 657)				ITP Stops <sup>3</sup> (N = 211)			
Mean age				Mean age			
<b>35.4</b>				<b>33.98</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>34.3%</b>			
Male <b>63.3%</b>				Male <b>65.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>10.1%</b>				AA/Black <b>10.2%</b>			
Hispanic <b>12.8%</b>				Hispanic <b>12.1%</b>			
White <b>76.9%</b>				White <b>77.7%</b>			
Other <b>0.2%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.1%</b>	<b>0.7%</b>	<b>9.4%</b>	AA/Black	<b>10.1%</b>	<b>14.4%</b>	<b>-4.3%</b>
Hispanic	<b>12.8%</b>	<b>2.0%</b>	<b>10.8%</b>	Hispanic	<b>12.8%</b>	<b>14.5%</b>	<b>-1.7%</b>
White	<b>76.9%</b>	<b>90.6%</b>	<b>-13.7%</b>	White	<b>76.9%</b>	<b>66.4%</b>	<b>10.5%</b>
Other	<b>0.2%</b>	<b>4.7%</b>	<b>-4.5%</b>	Other	<b>0.2%</b>	<b>4.6%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	145	<b>23.9%</b>	<b>23.1%</b>	NW	43	<b>22.4%</b>	<b>25.0%</b>
White	469	<b>76.1%</b>	<b>76.9%</b>	White	139	<b>77.6%</b>	<b>75.0%</b>
Chi-square, X-tab <sup>6</sup> : .830 not sig.				Chi-square, X-tab <sup>6</sup> : .686 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.117 not sig.				Odds ratio Exp(B) <sup>7</sup> : .965 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>30.9%</b>	<b>7.4%</b>	<b>50.0%</b>	<b>11.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>30.7%</b>	<b>8.0%</b>	<b>46.6%</b>	<b>14.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>48.6%</b>	<b>15.7%</b>	<b>27.4%</b>	<b>8.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FALL RIVER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>4,006</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>66.7%</b>	Citations per 1000	
	Passing through:	<b>33.3%</b>	18 + residents:	<b>56.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,822)				ITP Stops <sup>3</sup> (N = 684)			
Mean age				Mean age			
<b>38.3</b>				<b>36.32</b>			
Gender %				Gender %			
Female <b>46.7%</b>				Female <b>44.7%</b>			
Male <b>53.2%</b>				Male <b>55.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>33.6%</b>				Race % Mis/Unk <sup>4</sup> <b>30.8%</b>			
AA/Black <b>12.3%</b>				AA/Black <b>12.3%</b>			
Hispanic <b>2.0%</b>				Hispanic <b>1.9%</b>			
White <b>85.0%</b>				White <b>85.2%</b>			
Other <b>0.7%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.3%</b>	<b>5.9%</b>	<b>6.4%</b>	AA/Black	<b>12.3%</b>	<b>14.4%</b>	<b>-2.1%</b>
Hispanic	<b>2.0%</b>	<b>10.5%</b>	<b>-8.5%</b>	Hispanic	<b>2.0%</b>	<b>14.5%</b>	<b>-12.5%</b>
White	<b>85.0%</b>	<b>77.2%</b>	<b>7.8%</b>	White	<b>85.0%</b>	<b>66.4%</b>	<b>18.6%</b>
Other	<b>0.7%</b>	<b>6.4%</b>	<b>-5.7%</b>	Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	232	<b>14.0%</b>	<b>17.5%</b>	NW	59	<b>12.9%</b>	<b>14.9%</b>
White	1,347	<b>86.0%</b>	<b>82.5%</b>	White	370	<b>87.1%</b>	<b>85.1%</b>
Chi-square, X-tab <sup>6</sup> :		.126	not sig.	Chi-square, X-tab <sup>6</sup> :		.555	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.775	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.522	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.9%</b>	<b>31.5%</b>	<b>14.6%</b>	<b>2.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>52.0%</b>	<b>28.0%</b>	<b>14.7%</b>	<b>5.3%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>51.1%</b>	<b>36.4%</b>	<b>11.0%</b>	<b>1.5%</b>			
Other	<b>47.8%</b>	<b>39.1%</b>	<b>13.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.092	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FALMOUTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,395</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.5%</b>	Citations per 1000	
	Passing through:	<b>87.5%</b>	18 + residents:	<b>53</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,125)				ITP Stops <sup>3</sup> (N = 313)			
Mean age				Mean age			
<b>42.09</b>				<b>39.33</b>			
Gender %				Gender %			
Female <b>40.2%</b>				Female <b>39.0%</b>			
Male <b>59.8%</b>				Male <b>61.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>9.8%</b>				AA/Black <b>13.0%</b>			
Hispanic <b>2.7%</b>				Hispanic <b>2.3%</b>			
White <b>86.4%</b>				White <b>84.4%</b>			
Other <b>1.1%</b>				Other <b>0.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>2.0%</b>	<b>7.8%</b>	AA/Black	<b>9.8%</b>	<b>14.4%</b>	<b>-4.6%</b>
Hispanic	<b>2.7%</b>	<b>2.5%</b>	<b>0.2%</b>	Hispanic	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
White	<b>86.4%</b>	<b>88.8%</b>	<b>-2.4%</b>	White	<b>86.4%</b>	<b>66.4%</b>	<b>20.0%</b>
Other	<b>1.1%</b>	<b>5.5%</b>	<b>-4.4%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	134	<b>10.5%</b>	<b>20.0%</b>	NW	43	<b>14.0%</b>	<b>17.2%</b>
White	859	<b>89.5%</b>	<b>80.0%</b>	White	235	<b>86.0%</b>	<b>82.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .464 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .445* sig.				Odds ratio Exp(B) <sup>7</sup> : .441 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>48.9%</b>	<b>9.8%</b>	<b>33.1%</b>	<b>8.3%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>39.4%</b>	<b>6.1%</b>	<b>51.5%</b>	<b>3.0%</b>	White	<b>15</b>	<b>N/A</b>
White	<b>68.9%</b>	<b>7.9%</b>	<b>16.6%</b>	<b>6.6%</b>			
Other	<b>53.8%</b>	<b>23.1%</b>	<b>7.7%</b>	<b>15.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FITCHBURG POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,359</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>58.0%</b>	Citations per 1000	
	Passing through:	<b>42.0%</b>	18 + residents:	<b>43.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 679)				ITP Stops <sup>3</sup> (N = 284)			
Mean age				Mean age			
<b>35.68</b>				<b>35.96</b>			
Gender %				Gender %			
Female <b>33.7%</b>				Female <b>35.5%</b>			
Male <b>66.0%</b>				Male <b>64.2%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>11.0%</b>				AA/Black <b>9.6%</b>			
Hispanic <b>22.6%</b>				Hispanic <b>22.0%</b>			
White <b>65.5%</b>				White <b>67.7%</b>			
Other <b>0.9%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.0%</b>	<b>5.0%</b>	<b>6.0%</b>	AA/Black	<b>11.0%</b>	<b>14.4%</b>	<b>-3.4%</b>
Hispanic	<b>22.6%</b>	<b>28.8%</b>	<b>-6.2%</b>	Hispanic	<b>22.6%</b>	<b>14.5%</b>	<b>8.1%</b>
White	<b>65.5%</b>	<b>62.3%</b>	<b>3.2%</b>	White	<b>65.5%</b>	<b>66.4%</b>	<b>-0.9%</b>
Other	<b>0.9%</b>	<b>7.5%</b>	<b>-6.6%</b>	Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	202	<b>31.3%</b>	<b>38.8%</b>	NW	81	<b>32.5%</b>	<b>30.5%</b>
White	383	<b>68.7%</b>	<b>61.2%</b>	White	176	<b>67.5%</b>	<b>69.5%</b>
Chi-square, X-tab <sup>6</sup> :		.061	not sig.	Chi-square, X-tab <sup>6</sup> :		.729	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.702	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.033	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.4%</b>	<b>4.3%</b>	<b>18.7%</b>	<b>3.6%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>70.9%</b>	<b>4.6%</b>	<b>22.8%</b>	<b>1.8%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>82.2%</b>	<b>3.4%</b>	<b>12.6%</b>	<b>1.8%</b>			
Other	<b>90.9%</b>	<b>9.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.002 *	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FOXBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,005</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.0%</b>	Citations per 1000	
	Passing through:	<b>75.0%</b>	18 + residents:	<b>139.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,882)				ITP Stops <sup>3</sup> (N = 529)			
Mean age				Mean age			
<b>39.39</b>				<b>38.69</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>37.2%</b>			
Male <b>64.2%</b>				Male <b>62.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.6%</b>			
AA/Black <b>7.2%</b>				AA/Black <b>8.2%</b>			
Hispanic <b>6.2%</b>				Hispanic <b>5.9%</b>			
White <b>83.3%</b>				White <b>82.4%</b>			
Other <b>3.3%</b>				Other <b>3.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>6.0%</b>	<b>1.2%</b>	AA/Black	<b>7.2%</b>	<b>14.4%</b>	<b>-7.2%</b>
Hispanic	<b>6.2%</b>	<b>5.3%</b>	<b>0.9%</b>	Hispanic	<b>6.2%</b>	<b>14.5%</b>	<b>-8.3%</b>
White	<b>83.3%</b>	<b>83.8%</b>	<b>-0.5%</b>	White	<b>83.3%</b>	<b>66.4%</b>	<b>16.9%</b>
Other	<b>3.3%</b>	<b>6.9%</b>	<b>-3.6%</b>	Other	<b>3.3%</b>	<b>4.6%</b>	<b>-1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	291	<b>14.9%</b>	<b>22.2%</b>	NW	78	<b>17.4%</b>	<b>16.9%</b>
White	1,458	<b>85.1%</b>	<b>77.8%</b>	White	375	<b>82.6%</b>	<b>83.1%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .898 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .587* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.018 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.1%</b>	<b>2.1%</b>	<b>16.4%</b>	<b>3.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>79.5%</b>	<b>2.5%</b>	<b>16.4%</b>	<b>1.6%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>87.5%</b>	<b>3.6%</b>	<b>6.6%</b>	<b>2.3%</b>			
Other	<b>93.5%</b>	<b>3.2%</b>	<b>3.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FRAMINGHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>5,391</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>46.0%</b>	Citations per 1000	
	Passing through:	<b>54.0%</b>	18 + residents:	<b>90.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,945)				ITP Stops <sup>3</sup> (N = 607)			
Mean age				Mean age			
<b>41.32</b>				<b>39.99</b>			
Gender %				Gender %			
Female <b>42.2%</b>				Female <b>37.6%</b>			
Male <b>57.8%</b>				Male <b>62.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>9.7%</b>				AA/Black <b>9.5%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>9.5%</b>			
White <b>77.0%</b>				White <b>77.9%</b>			
Other <b>4.8%</b>				Other <b>3.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>7.3%</b>	<b>2.4%</b>	AA/Black	<b>9.7%</b>	<b>14.4%</b>	<b>-4.7%</b>
Hispanic	<b>8.6%</b>	<b>16.1%</b>	<b>-7.5%</b>	Hispanic	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
White	<b>77.0%</b>	<b>63.0%</b>	<b>14.0%</b>	White	<b>77.0%</b>	<b>66.4%</b>	<b>10.6%</b>
Other	<b>4.8%</b>	<b>11.1%</b>	<b>-6.3%</b>	Other	<b>4.8%</b>	<b>4.6%</b>	<b>0.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,058	<b>23.4%</b>	<b>21.6%</b>	NW	113	<b>22.8%</b>	<b>18.2%</b>
White	3,506	<b>76.6%</b>	<b>78.4%</b>	White	413	<b>77.2%</b>	<b>81.8%</b>
Chi-square, X-tab <sup>6</sup> : .377 not sig.				Chi-square, X-tab <sup>6</sup> : .236 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.122 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.527 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.2%</b>	<b>9.0%</b>	<b>10.7%</b>	<b>2.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.5%</b>	<b>14.9%</b>	<b>22.8%</b>	<b>1.8%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>73.9%</b>	<b>11.3%</b>	<b>13.2%</b>	<b>1.6%</b>			
Other	<b>78.0%</b>	<b>18.2%</b>	<b>2.5%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT FRANKLIN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>258</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>43.1%</b>	Citations per 1000						
	Passing through:		<b>56.9%</b>	18 + residents:		<b>9.9</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 218)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>33.35</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>29.2%</b>				Female <b>N/A</b>						
Male <b>70.8%</b>				Male <b>N/A</b>						
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>10.6%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>4.6%</b>				AA/Black <b>N/A</b>						
Hispanic <b>10.8%</b>				Hispanic <b>N/A</b>						
White <b>80.5%</b>			White <b>N/A</b>							
Other <b>4.1%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>4.6%</b>	<b>0.9%</b>	<b>3.7%</b>		AA/Black	<b>4.6%</b>	<b>14.4%</b>	<b>-9.8%</b>		
Hispanic	<b>10.8%</b>	<b>1.6%</b>	<b>9.2%</b>		Hispanic	<b>10.8%</b>	<b>14.5%</b>	<b>-3.7%</b>		
White	<b>80.5%</b>	<b>89.2%</b>	<b>-8.7%</b>		White	<b>80.5%</b>	<b>66.4%</b>	<b>14.1%</b>		
Other	<b>4.1%</b>	<b>8.3%</b>	<b>-4.2%</b>		Other	<b>4.1%</b>	<b>4.6%</b>	<b>-0.5%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW		37	<b>19.9%</b>		<b>20.0%</b>	NW		N/A	<b>N/A</b>	<b>N/A</b>
White		149	<b>80.1%</b>		<b>80.0%</b>	White		N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.982	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		1.013	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>41.7%</b>	<b>8.3%</b>	<b>50.0%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>			
Hispanic	<b>3.8%</b>	<b>11.5%</b>	<b>76.9%</b>	<b>7.7%</b>	White	<b>3</b>	<b>N/A</b>			
White	<b>39.9%</b>	<b>13.8%</b>	<b>37.2%</b>	<b>9.0%</b>						
Other	<b>25.0%</b>	<b>37.5%</b>	<b>12.5%</b>	<b>25.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.002* sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT FREETOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>407</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>27.0%</b>	Citations per 1000		
	Passing through:		<b>73.0%</b>	18 + residents: <b>54.6</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 355)</b>				<b>ITP Stops<sup>3</sup> (N = 101)</b>		
Mean age				Mean age		
<b>34.95</b>				<b>34.15</b>		
Gender %				Gender %		
Female <b>38.2%</b>				Female <b>34.7%</b>		
Male <b>61.8%</b>				Male <b>65.3%</b>		
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>		
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>		
AA/Black <b>8.5%</b>				AA/Black <b>8.0%</b>		
Hispanic <b>1.4%</b>				Hispanic <b>1.0%</b>		
White <b>90.0%</b>				White <b>91.0%</b>		
Other <b>0.0%</b>				Other <b>0.0%</b>		
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	<b>8.5%</b>	<b>50.0%</b>	<b>-41.5%</b>	AA/Black	<b>8.5%</b>	<b>-5.9%</b>
Hispanic	<b>1.4%</b>	<b>3.0%</b>	<b>-1.6%</b>	Hispanic	<b>1.4%</b>	<b>-13.1%</b>
White	<b>90.0%</b>	<b>93.1%</b>	<b>-3.1%</b>	White	<b>90.0%</b>	<b>23.6%</b>
Other	<b>0.0%</b>	<b>3.8%</b>	<b>-3.8%</b>	Other	<b>0.0%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	30	<b>9.4%</b>	<b>11.8%</b>	NW	N/A	<b>N/A N/A</b>
White	276	<b>90.6%</b>	<b>88.2%</b>	White	N/A	<b>N/A N/A</b>
Chi-square, X-tab <sup>6</sup> :		.606	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		.932	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>31.4%</b>	<b>14.3%</b>	<b>54.3%</b>	<b>0.0%</b>	NW	<b>0 N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	White	<b>2 N/A</b>
White	<b>46.1%</b>	<b>25.7%</b>	<b>27.6%</b>	<b>0.6%</b>		
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts Percent
Chi-square, X-tab <sup>6</sup> :				.001* sig.		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GARDNER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>693</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.4%</b>	Citations per 1000	
	Passing through:	<b>59.6%</b>	18 + residents:	<b>41.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 604)				ITP Stops <sup>3</sup> (N = 192)			
Mean age				Mean age			
<b>36.48</b>				<b>34.64</b>			
Gender %				Gender %			
Female <b>38.3%</b>				Female <b>39.7%</b>			
Male <b>61.7%</b>				Male <b>60.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>3.6%</b>		Race %	Mis/Unk <sup>4</sup>	<b>3.1%</b>	
AA/Black	<b>5.3%</b>			AA/Black	<b>5.4%</b>		
Hispanic	<b>6.4%</b>			Hispanic	<b>6.5%</b>		
White	<b>85.6%</b>			White	<b>85.5%</b>		
Other	<b>2.7%</b>			Other	<b>2.7%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.3%</b>	<b>2.8%</b>	<b>2.5%</b>	AA/Black	<b>5.3%</b>	<b>14.4%</b>	<b>-9.1%</b>
Hispanic	<b>6.4%</b>	<b>9.3%</b>	<b>-2.9%</b>	Hispanic	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
White	<b>85.6%</b>	<b>81.2%</b>	<b>4.4%</b>	White	<b>85.6%</b>	<b>66.4%</b>	<b>19.2%</b>
Other	<b>2.7%</b>	<b>7.5%</b>	<b>-4.8%</b>	Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	81	<b>13.0%</b>	<b>19.1%</b>	NW	25	<b>14.7%</b>	<b>15.3%</b>
White	452	<b>87.0%</b>	<b>80.9%</b>	White	142	<b>85.3%</b>	<b>84.7%</b>
Chi-square, X-tab <sup>6</sup> : .061 not sig.				Chi-square, X-tab <sup>6</sup> : .923 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .720 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.261 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>25.0%</b>	<b>11.1%</b>	<b>44.4%</b>	<b>19.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>32.6%</b>	<b>13.0%</b>	<b>28.3%</b>	<b>26.1%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>44.5%</b>	<b>21.5%</b>	<b>23.8%</b>	<b>10.2%</b>			
Other	<b>31.3%</b>	<b>50.0%</b>	<b>12.5%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GEORGETOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>765</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.8%</b>	Citations per 1000	
	Passing through:	<b>77.2%</b>	18 + residents:	<b>112.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 756)				ITP Stops <sup>3</sup> (N = 204)			
Mean age				Mean age			
<b>37.33</b>				<b>37.52</b>			
Gender %				Gender %			
Female <b>41.8%</b>				Female <b>32.8%</b>			
Male <b>58.2%</b>				Male <b>67.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>4.9%</b>			
Hispanic <b>9.8%</b>				Hispanic <b>5.9%</b>			
White <b>81.7%</b>				White <b>86.8%</b>			
Other <b>2.9%</b>				Other <b>2.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>0.8%</b>	<b>4.8%</b>	AA/Black	<b>5.6%</b>	<b>14.4%</b>	<b>-8.8%</b>
Hispanic	<b>9.8%</b>	<b>3.5%</b>	<b>6.3%</b>	Hispanic	<b>9.8%</b>	<b>14.5%</b>	<b>-4.7%</b>
White	<b>81.7%</b>	<b>93.2%</b>	<b>-11.5%</b>	White	<b>81.7%</b>	<b>66.4%</b>	<b>15.3%</b>
Other	<b>2.9%</b>	<b>2.8%</b>	<b>0.1%</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	133	<b>9.3%</b>	<b>25.8%</b>	NW	22	<b>12.7%</b>	<b>10.1%</b>
White	610	<b>90.7%</b>	<b>74.2%</b>	White	169	<b>87.3%</b>	<b>89.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .570 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .243* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 2.114 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.8%</b>	<b>16.7%</b>	<b>7.1%</b>	<b>2.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>74.7%</b>	<b>8.0%</b>	<b>12.0%</b>	<b>5.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>83.5%</b>	<b>10.9%</b>	<b>4.2%</b>	<b>1.4%</b>			
Other	<b>86.4%</b>	<b>13.6%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .026* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT GLOUCESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>776</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>65.8%</b>	Citations per 1000						
	Passing through:		<b>34.2%</b>	18 + residents: <b>30.5</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 688)				ITP Stops <sup>3</sup> (N = 165)						
Mean age				Mean age						
<b>42.13</b>				<b>41.82</b>						
Gender %				Gender %						
Female <b>36.4%</b>				Female <b>37.8%</b>						
Male <b>63.6%</b>				Male <b>62.2%</b>						
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>						
Race % Mis/Unk <sup>4</sup> <b>9.4%</b>				Race % Mis/Unk <sup>4</sup> <b>13.3%</b>						
AA/Black <b>2.2%</b>				AA/Black <b>1.4%</b>						
Hispanic <b>5.8%</b>				Hispanic <b>3.5%</b>						
White <b>91.2%</b>			White <b>95.1%</b>							
Other <b>0.8%</b>			Other <b>0.0%</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>2.2%</b>	<b>1.7%</b>	<b>0.5%</b>		AA/Black	<b>2.2%</b>	<b>14.4%</b>	<b>-12.2%</b>		
Hispanic	<b>5.8%</b>	<b>2.4%</b>	<b>3.4%</b>		Hispanic	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>		
White	<b>91.2%</b>	<b>91.9%</b>	<b>-0.7%</b>		White	<b>91.2%</b>	<b>66.4%</b>	<b>24.8%</b>		
Other	<b>0.8%</b>	<b>4.2%</b>	<b>-3.4%</b>		Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	54	<b>7.9%</b>	<b>13.2%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	536	<b>92.1%</b>	<b>86.8%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		.060	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.586	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>47.4%</b>	<b>5.3%</b>	<b>31.6%</b>	<b>15.8%</b>	NW	<b>2</b>	<b>N/A</b>			
Hispanic	<b>17.5%</b>	<b>5.0%</b>	<b>60.0%</b>	<b>17.5%</b>	White	<b>6</b>	<b>N/A</b>			
White	<b>61.2%</b>	<b>11.7%</b>	<b>21.6%</b>	<b>5.5%</b>						
Other	<b>60.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.000* sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GRAFTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,364</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>14.7%</b>	Citations per 1000	
	Passing through:	<b>85.3%</b>	18 + residents:	<b>95.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,310)				ITP Stops <sup>3</sup> (N = 417)			
Mean age				Mean age			
<b>39.26</b>				<b>38.29</b>			
Gender %				Gender %			
Female <b>41.4%</b>				Female <b>37.3%</b>			
Male <b>58.6%</b>				Male <b>62.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>4.5%</b>				AA/Black <b>4.1%</b>			
Hispanic <b>7.3%</b>				Hispanic <b>9.6%</b>			
White <b>83.3%</b>				White <b>81.0%</b>			
Other <b>4.9%</b>				Other <b>5.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.5%</b>	<b>3.1%</b>	<b>1.4%</b>	AA/Black	<b>4.5%</b>	<b>14.4%</b>	<b>-9.9%</b>
Hispanic	<b>7.3%</b>	<b>6.3%</b>	<b>1.0%</b>	Hispanic	<b>7.3%</b>	<b>14.5%</b>	<b>-7.2%</b>
White	<b>83.3%</b>	<b>78.9%</b>	<b>4.4%</b>	White	<b>83.3%</b>	<b>66.4%</b>	<b>16.9%</b>
Other	<b>4.9%</b>	<b>11.7%</b>	<b>-6.8%</b>	Other	<b>4.9%</b>	<b>4.6%</b>	<b>0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	196	<b>14.3%</b>	<b>21.9%</b>	NW	60	<b>14.5%</b>	<b>20.9%</b>
White	1,030	<b>85.7%</b>	<b>78.1%</b>	White	288	<b>85.5%</b>	<b>79.1%</b>
Chi-square, X-tab <sup>6</sup> : .003* sig.				Chi-square, X-tab <sup>6</sup> : .116 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .597* sig.				Odds ratio Exp(B) <sup>7</sup> : .741 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.1%</b>	<b>4.9%</b>	<b>16.4%</b>	<b>6.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>67.7%</b>	<b>3.0%</b>	<b>25.3%</b>	<b>4.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>87.1%</b>	<b>7.7%</b>	<b>4.4%</b>	<b>0.9%</b>			
Other	<b>89.7%</b>	<b>7.4%</b>	<b>0.0%</b>	<b>2.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GRANBY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>777</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.2%</b>	Citations per 1000	
	Passing through:	<b>90.8%</b>	18 + residents:	<b>148.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 759)				ITP Stops <sup>3</sup> (N = 395)			
Mean age				Mean age			
<b>36.09</b>				<b>36.7</b>			
Gender %				Gender %			
Female <b>37.9%</b>				Female <b>37.8%</b>			
Male <b>62.1%</b>				Male <b>62.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.3%</b>			
AA/Black <b>10.2%</b>				AA/Black <b>11.7%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>6.0%</b>			
White <b>79.9%</b>				White <b>80.1%</b>			
Other <b>2.4%</b>				Other <b>2.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.2%</b>	<b>1.0%</b>	<b>9.2%</b>	AA/Black	<b>10.2%</b>	<b>14.4%</b>	<b>-4.2%</b>
Hispanic	<b>7.5%</b>	<b>3.9%</b>	<b>3.6%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>79.9%</b>	<b>92.2%</b>	<b>-12.3%</b>	White	<b>79.9%</b>	<b>66.4%</b>	<b>13.5%</b>
Other	<b>2.4%</b>	<b>2.1%</b>	<b>0.3%</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	143	<b>18.1%</b>	<b>23.0%</b>	NW	73	<b>21.0%</b>	<b>19.6%</b>
White	558	<b>81.9%</b>	<b>77.0%</b>	White	288	<b>79.0%</b>	<b>80.4%</b>
Chi-square, X-tab <sup>6</sup> : .111 not sig.				Chi-square, X-tab <sup>6</sup> : .741 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .619* sig.				Odds ratio Exp(B) <sup>7</sup> : .876 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.9%</b>	<b>11.7%</b>	<b>9.1%</b>	<b>1.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>78.6%</b>	<b>8.9%</b>	<b>5.4%</b>	<b>7.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>84.8%</b>	<b>9.7%</b>	<b>3.7%</b>	<b>1.8%</b>			
Other	<b>94.4%</b>	<b>5.6%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .103 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GRANVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>338</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.4%</b>	Citations per 1000	
	Passing through:	<b>78.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 337)				ITP Stops <sup>3</sup> (N = 211)			
Mean age				Mean age			
<b>38.35</b>				<b>37.14</b>			
Gender %				Gender %			
Female <b>33.6%</b>				Female <b>31.1%</b>			
Male <b>66.1%</b>				Male <b>68.9%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>5.0%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>4.0%</b>			
White <b>90.6%</b>				White <b>91.5%</b>			
Other <b>0.3%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.0%</b>	<b>14.4%</b>	<b>-9.4%</b>
Hispanic	<b>4.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
White	<b>90.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>90.6%</b>	<b>66.4%</b>	<b>24.2%</b>
Other	<b>0.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.3%</b>	<b>4.6%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	<b>9.4%</b>	<b>7.5%</b>	NW	14	<b>8.0%</b>	<b>7.1%</b>
White	272	<b>90.6%</b>	<b>92.5%</b>	White	170	<b>92.0%</b>	<b>92.9%</b>
Chi-square, X-tab <sup>6</sup> : .592 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .827 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : 1.701 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .938 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>25.0%</b>	<b>56.3%</b>	<b>18.8%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>30.8%</b>	<b>38.5%</b>	<b>30.8%</b>	<b>0.0%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>29.8%</b>	<b>56.4%</b>	<b>13.1%</b>	<b>0.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .699 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT GREAT BARRINGTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>139</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>30.9%</b>	Citations per 1000						
	Passing through:		<b>69.1%</b>	18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 123)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
42.7				N/A						
Gender %				Gender %						
Female 36.1%				Female N/A						
Male 63.1%				Male N/A						
Non-binary 0.8%				Non-binary N/A						
Race % Mis/Unk <sup>4</sup> 3.3%				Race % Mis/Unk <sup>4</sup> N/A						
AA/Black 4.2%				AA/Black N/A						
Hispanic 8.4%				Hispanic N/A						
White 86.6%			White N/A							
Other 0.8%			Other N/A							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	4.2%	2.0%	2.2%		AA/Black	4.2%	14.4%	-10.2%		
Hispanic	8.4%	3.5%	4.9%		Hispanic	8.4%	14.5%	-6.1%		
White	86.6%	87.7%	-1.1%		White	86.6%	66.4%	20.2%		
Other	0.8%	7.1%	-6.3%		Other	0.8%	4.6%	-3.8%		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	16	11.1%	21.9%		NW	N/A	N/A	N/A		
White	97	88.9%	78.1%		White	N/A	N/A	N/A		
Chi-square, X-tab <sup>6</sup> :		.139	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.418	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	28.6%	0.0%	57.1%	14.3%	NW	0	N/A			
Hispanic	14.3%	14.3%	42.9%	28.6%	White	1	N/A			
White	47.8%	19.5%	25.7%	7.1%						
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent			
Chi-square, X-tab <sup>6</sup> : .051				not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GREENFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>998</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.9%</b>	Citations per 1000	
	Passing through:	<b>54.1%</b>	18 + residents:	<b>70.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 823)				ITP Stops <sup>3</sup> (N = 309)			
Mean age				Mean age			
<b>41.54</b>				<b>40.22</b>			
Gender %				Gender %			
Female <b>42.8%</b>				Female <b>36.7%</b>			
Male <b>57.0%</b>				Male <b>63.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>4.8%</b>				AA/Black <b>3.0%</b>			
Hispanic <b>3.1%</b>				Hispanic <b>4.3%</b>			
White <b>91.0%</b>				White <b>91.8%</b>			
Other <b>1.1%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>2.3%</b>	<b>2.5%</b>	AA/Black	<b>4.8%</b>	<b>14.4%</b>	<b>-9.6%</b>
Hispanic	<b>3.1%</b>	<b>7.7%</b>	<b>-4.6%</b>	Hispanic	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
White	<b>91.0%</b>	<b>86.9%</b>	<b>4.1%</b>	White	<b>91.0%</b>	<b>66.4%</b>	<b>24.6%</b>
Other	<b>1.1%</b>	<b>3.9%</b>	<b>-2.8%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	<b>7.9%</b>	<b>10.8%</b>	NW	22	<b>5.9%</b>	<b>10.8%</b>
White	678	<b>92.1%</b>	<b>89.2%</b>	White	244	<b>94.1%</b>	<b>89.2%</b>
Chi-square, X-tab <sup>6</sup> :		.172	not sig.	Chi-square, X-tab <sup>6</sup> :		.148	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.655	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.367	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.9%</b>	<b>4.4%</b>	<b>22.2%</b>	<b>4.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>13.3%</b>	<b>23.3%</b>	<b>3.3%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>79.7%</b>	<b>5.1%</b>	<b>10.1%</b>	<b>5.1%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.027*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GROTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,247</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.7%</b>	Citations per 1000	
	Passing through:	<b>79.3%</b>	18 + residents:	<b>258.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,222)				ITP Stops <sup>3</sup> (N = 1,115)			
Mean age				Mean age			
<b>40.17</b>				<b>39.74</b>			
Gender %				Gender %			
Female <b>40.0%</b>				Female <b>37.7%</b>			
Male <b>59.9%</b>				Male <b>62.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>1.7%</b>		Race %	Mis/Unk <sup>4</sup>	<b>2.2%</b>	
AA/Black	<b>2.6%</b>			AA/Black	<b>2.4%</b>		
Hispanic	<b>4.4%</b>			Hispanic	<b>4.7%</b>		
White	<b>88.8%</b>			White	<b>89.4%</b>		
Other	<b>4.2%</b>			Other	<b>3.6%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.6%</b>	<b>0.2%</b>	<b>2.4%</b>	AA/Black	<b>2.6%</b>	<b>14.4%</b>	<b>-11.8%</b>
Hispanic	<b>4.4%</b>	<b>1.4%</b>	<b>3.0%</b>	Hispanic	<b>4.4%</b>	<b>14.5%</b>	<b>-10.1%</b>
White	<b>88.8%</b>	<b>91.0%</b>	<b>-2.2%</b>	White	<b>88.8%</b>	<b>66.4%</b>	<b>22.4%</b>
Other	<b>4.2%</b>	<b>7.5%</b>	<b>-3.3%</b>	Other	<b>4.2%</b>	<b>4.6%</b>	<b>-0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	234	<b>10.7%</b>	<b>13.3%</b>	NW	107	<b>11.1%</b>	<b>10.8%</b>
White	1,826	<b>89.3%</b>	<b>86.7%</b>	White	867	<b>88.9%</b>	<b>89.2%</b>
Chi-square, X-tab <sup>6</sup> : .111 not sig.				Chi-square, X-tab <sup>6</sup> : .905 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .746 not sig.				Odds ratio Exp(B) <sup>7</sup> : .981 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.6%</b>	<b>8.6%</b>	<b>12.1%</b>	<b>1.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>70.8%</b>	<b>8.3%</b>	<b>19.8%</b>	<b>1.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.8%</b>	<b>10.4%</b>	<b>4.0%</b>	<b>0.8%</b>			
Other	<b>78.5%</b>	<b>14.0%</b>	<b>5.4%</b>	<b>2.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GROVELAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>413</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.2%</b>	Citations per 1000	
	Passing through:	<b>86.8%</b>	18 + residents:	<b>75.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 403)				ITP Stops <sup>3</sup> (N = 160)			
Mean age				Mean age			
<b>35.28</b>				<b>35.12</b>			
Gender %				Gender %			
Female <b>33.8%</b>				Female <b>30.4%</b>			
Male <b>66.2%</b>				Male <b>69.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>5.0%</b>			
AA/Black <b>3.9%</b>				AA/Black <b>2.6%</b>			
Hispanic <b>14.3%</b>				Hispanic <b>16.4%</b>			
White <b>80.7%</b>				White <b>80.3%</b>			
Other <b>1.0%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.9%</b>	<b>0.0%</b>	<b>3.9%</b>	AA/Black	<b>3.9%</b>	<b>14.4%</b>	<b>-10.5%</b>
Hispanic	<b>14.3%</b>	<b>3.2%</b>	<b>11.1%</b>	Hispanic	<b>14.3%</b>	<b>14.5%</b>	<b>-0.2%</b>
White	<b>80.7%</b>	<b>95.9%</b>	<b>-15.2%</b>	White	<b>80.7%</b>	<b>66.4%</b>	<b>14.3%</b>
Other	<b>1.0%</b>	<b>1.3%</b>	<b>-0.3%</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	70	<b>17.0%</b>	<b>24.7%</b>	NW	28	<b>18.8%</b>	<b>22.0%</b>
White	300	<b>83.0%</b>	<b>75.3%</b>	White	114	<b>81.2%</b>	<b>78.0%</b>
Chi-square, X-tab <sup>6</sup> :		.098	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.670	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.679	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.796	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>13.3%</b>	<b>40.0%</b>	<b>6.7%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>39.7%</b>	<b>24.1%</b>	<b>36.2%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>45.4%</b>	<b>32.2%</b>	<b>19.9%</b>	<b>2.5%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.081	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HADLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,458</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.7%</b>	Citations per 1000	
	Passing through:	<b>94.3%</b>	18 + residents:	<b>325.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,380)				ITP Stops <sup>3</sup> (N = 540)			
Mean age				Mean age			
<b>33.15</b>				<b>34.51</b>			
Gender %				Gender %			
Female <b>39.0%</b>				Female <b>39.4%</b>			
Male <b>60.9%</b>				Male <b>60.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>12.0%</b>				AA/Black <b>9.7%</b>			
Hispanic <b>10.3%</b>				Hispanic <b>11.8%</b>			
White <b>73.5%</b>				White <b>74.4%</b>			
Other <b>4.2%</b>				Other <b>4.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.0%</b>	<b>7.9%</b>	<b>4.1%</b>	AA/Black	<b>12.0%</b>	<b>14.4%</b>	<b>-2.4%</b>
Hispanic	<b>10.3%</b>	<b>2.3%</b>	<b>8.0%</b>	Hispanic	<b>10.3%</b>	<b>14.5%</b>	<b>-4.2%</b>
White	<b>73.5%</b>	<b>84.6%</b>	<b>-11.1%</b>	White	<b>73.5%</b>	<b>66.4%</b>	<b>7.1%</b>
Other	<b>4.2%</b>	<b>5.7%</b>	<b>-1.5%</b>	Other	<b>4.2%</b>	<b>4.6%</b>	<b>-0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	338	<b>23.7%</b>	<b>30.5%</b>	NW	125	<b>28.6%</b>	<b>23.7%</b>
White	900	<b>76.3%</b>	<b>69.5%</b>	White	345	<b>71.4%</b>	<b>76.3%</b>
Chi-square, X-tab <sup>6</sup> : .007* sig.				Chi-square, X-tab <sup>6</sup> : .235 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .650* sig.				Odds ratio Exp(B) <sup>7</sup> : .966 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.0%</b>	<b>17.5%</b>	<b>18.7%</b>	<b>7.8%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>44.6%</b>	<b>20.3%</b>	<b>25.7%</b>	<b>9.5%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>61.6%</b>	<b>19.7%</b>	<b>12.9%</b>	<b>5.8%</b>			
Other	<b>63.3%</b>	<b>20.0%</b>	<b>11.7%</b>	<b>5.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HALIFAX POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>114</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>22.1%</b>			Citations per 1000				
	Passing through: <b>77.9%</b>			18 + residents: <b>18.3</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 95)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
34					N/A			
Gender %					Gender %			
Female 26.3%					Female N/A			
Male 73.7%					Male N/A			
Non-binary 0.0%					Non-binary N/A			
Race % Mis/Unk <sup>4</sup> 3.2%					Race % Mis/Unk <sup>4</sup> N/A			
AA/Black 3.3%					AA/Black N/A			
Hispanic 6.5%					Hispanic N/A			
White 89.1%				White N/A				
Other 1.1%				Other N/A				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	3.3%	2.3%	1.0%		AA/Black	3.3%	14.4%	-11.1%
Hispanic	6.5%	0.7%	5.8%		Hispanic	6.5%	14.5%	-8.0%
White	89.1%	96.2%	-7.1%		White	89.1%	66.4%	22.7%
Other	1.1%	0.9%	0.2%		Other	1.1%	4.6%	-3.5%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	N/A	N/A	N/A		NW	N/A	N/A	N/A
White	N/A	N/A	N/A		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	40.0%	0.0%	40.0%	20.0%	NW	2	N/A	
Hispanic	33.3%	33.3%	33.3%	0.0%	White	26	N/A	
White	48.5%	25.3%	25.3%	1.0%				
Other	0.0%	0.0%	100.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .101				not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HAMILTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>246</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>0.9%</b>	Citations per 1000				
	Passing through:		<b>99.1%</b>	18 + residents: <b>41.2</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 233)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>38.24</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>37.0%</b>				Female <b>N/A</b>				
Male <b>63.0%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>3.5%</b>				AA/Black <b>N/A</b>				
Hispanic <b>7.9%</b>				Hispanic <b>N/A</b>				
White <b>85.5%</b>			White <b>N/A</b>					
Other <b>3.1%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>3.5%</b>	<b>0.3%</b>	<b>3.2%</b>		AA/Black	<b>3.5%</b>	<b>14.4%</b>	<b>-10.9%</b>
Hispanic	<b>7.9%</b>	<b>1.5%</b>	<b>6.4%</b>		Hispanic	<b>7.9%</b>	<b>14.5%</b>	<b>-6.6%</b>
White	<b>85.5%</b>	<b>91.0%</b>	<b>-5.5%</b>		White	<b>85.5%</b>	<b>66.4%</b>	<b>19.1%</b>
Other	<b>3.1%</b>	<b>7.3%</b>	<b>-4.2%</b>		Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	33	<b>15.8%</b>	<b>14.3%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	180	<b>84.2%</b>	<b>85.7%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.809	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.344	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>35.0%</b>	<b>15.0%</b>	<b>45.0%</b>	<b>5.0%</b>	White	<b>2</b>	<b>N/A</b>	
White	<b>72.3%</b>	<b>12.1%</b>	<b>15.5%</b>	<b>0.0%</b>				
Other	<b>85.7%</b>	<b>0.0%</b>	<b>14.3%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.002* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HAMPDEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>249</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>22.6%</b>			Citations per 1000				
	Passing through: <b>77.4%</b>			18 + residents: <b>57.6</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 234)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
33.12					N/A			
Gender %					Gender %			
Female 41.6%					Female N/A			
Male 58.4%					Male N/A			
Non-binary 0.0%					Non-binary N/A			
Race % Mis/Unk <sup>4</sup> 3.0%					Race % Mis/Unk <sup>4</sup> N/A			
AA/Black 4.8%					AA/Black N/A			
Hispanic 3.5%					Hispanic N/A			
White 91.2%				White N/A				
Other 0.4%				Other N/A				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	4.8%	0.2%	4.6%		AA/Black	4.8%	14.4%	-9.6%
Hispanic	3.5%	3.7%	-0.2%		Hispanic	3.5%	14.5%	-11.0%
White	91.2%	93.9%	-2.7%		White	91.2%	66.4%	24.8%
Other	0.4%	5.5%	-5.1%		Other	0.4%	4.6%	-4.2%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	N/A	N/A	N/A		NW	N/A	N/A	N/A
White	N/A	N/A	N/A		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	50.0%	21.4%	28.6%	0.0%	NW	2	N/A	
Hispanic	60.0%	40.0%	0.0%	0.0%	White	10	N/A	
White	75.5%	13.4%	9.3%	1.9%				
Other	50.0%	50.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .101 not sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HANOVER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>928</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>86.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 828)				ITP Stops <sup>3</sup> (N = 289)			
Mean age				Mean age			
<b>37.28</b>				<b>36.51</b>			
Gender %				Gender %			
Female <b>34.9%</b>				Female <b>29.8%</b>			
Male <b>65.1%</b>				Male <b>70.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.5%</b>			
AA/Black <b>7.1%</b>				AA/Black <b>7.2%</b>			
Hispanic <b>4.7%</b>				Hispanic <b>4.3%</b>			
White <b>86.8%</b>				White <b>87.1%</b>			
Other <b>1.4%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.1%</b>	<b>1.0%</b>	<b>6.1%</b>	AA/Black	<b>7.1%</b>	<b>14.4%</b>	<b>-7.3%</b>
Hispanic	<b>4.7%</b>	<b>0.6%</b>	<b>4.1%</b>	Hispanic	<b>4.7%</b>	<b>14.5%</b>	<b>-9.8%</b>
White	<b>86.8%</b>	<b>96.5%</b>	<b>-9.7%</b>	White	<b>86.8%</b>	<b>66.4%</b>	<b>20.4%</b>
Other	<b>1.4%</b>	<b>1.2%</b>	<b>0.2%</b>	Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	99	<b>11.8%</b>	<b>16.4%</b>	NW	32	<b>11.2%</b>	<b>16.7%</b>
White	657	<b>88.2%</b>	<b>83.6%</b>	White	216	<b>88.8%</b>	<b>83.3%</b>
Chi-square, X-tab <sup>6</sup> : .088 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .231 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .770 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .676 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>24.6%</b>	<b>29.2%</b>	<b>6.2%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>28.6%</b>	<b>23.8%</b>	<b>42.9%</b>	<b>4.8%</b>	White	<b>20</b>	<b>N/A</b>
White	<b>59.3%</b>	<b>29.5%</b>	<b>8.3%</b>	<b>2.9%</b>			
Other	<b>54.5%</b>	<b>27.3%</b>	<b>9.1%</b>	<b>9.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HANSON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>452</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.1%</b>	Citations per 1000	
	Passing through:	<b>79.9%</b>	18 + residents:	<b>51.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 423)				ITP Stops <sup>3</sup> (N = 206)			
Mean age				Mean age			
<b>36.81</b>				<b>37.71</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>33.5%</b>			
Male <b>62.1%</b>				Male <b>65.5%</b>			
Non-binary <b>0.5%</b>				Non-binary <b>1.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>9.8%</b>				AA/Black <b>8.8%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>7.8%</b>			
White <b>83.0%</b>				White <b>83.3%</b>			
Other <b>0.5%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>0.3%</b>	<b>9.5%</b>	AA/Black	<b>9.8%</b>	<b>14.4%</b>	<b>-4.6%</b>
Hispanic	<b>6.7%</b>	<b>0.9%</b>	<b>5.8%</b>	Hispanic	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
White	<b>83.0%</b>	<b>93.3%</b>	<b>-10.3%</b>	White	<b>83.0%</b>	<b>66.4%</b>	<b>16.6%</b>
Other	<b>0.5%</b>	<b>4.8%</b>	<b>-4.3%</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	<b>12.7%</b>	<b>22.1%</b>	NW	31	<b>14.5%</b>	<b>17.9%</b>
White	333	<b>87.3%</b>	<b>77.9%</b>	White	163	<b>85.5%</b>	<b>82.1%</b>
Chi-square, X-tab <sup>6</sup> : .013* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .533 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .575 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .576 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.3%</b>	<b>14.3%</b>	<b>19.0%</b>	<b>2.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>65.5%</b>	<b>6.9%</b>	<b>24.1%</b>	<b>3.4%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>69.9%</b>	<b>11.0%</b>	<b>13.7%</b>	<b>5.4%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .806 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HARDWICK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>244</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>22.1%</b>			Citations per 1000				
	Passing through: <b>77.9%</b>			18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 231)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
<b>38.53</b>					<b>N/A</b>			
Gender %					Gender %			
Female <b>36.4%</b>					Female <b>N/A</b>			
Male <b>63.5%</b>					Male <b>N/A</b>			
Non-binary <b>0.0%</b>					Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>					Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.0%</b>					AA/Black <b>N/A</b>			
Hispanic <b>3.5%</b>					Hispanic <b>N/A</b>			
White <b>93.0%</b>				White <b>N/A</b>				
Other <b>0.4%</b>				Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>3.0%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>3.0%</b>	<b>14.4%</b>	<b>-11.4%</b>
Hispanic	<b>3.5%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
White	<b>93.0%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>93.0%</b>	<b>66.4%</b>	<b>26.6%</b>
Other	<b>0.4%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>0.4%</b>	<b>4.6%</b>	<b>-4.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>50.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>25.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>50.0%</b>	<b>37.5%</b>	<b>12.5%</b>	<b>0.0%</b>	White	<b>10</b>	<b>N/A</b>	
White	<b>64.2%</b>	<b>18.6%</b>	<b>13.7%</b>	<b>3.5%</b>				
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .042* sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HARVARD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>137</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>16.1%</b>	Citations per 1000						
	Passing through:		<b>83.9%</b>	18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 118)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>39.83</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>34.2%</b>				Female <b>N/A</b>						
Male <b>65.8%</b>				Male <b>N/A</b>						
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>4.2%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>4.4%</b>				AA/Black <b>N/A</b>						
Hispanic <b>12.4%</b>				Hispanic <b>N/A</b>						
White <b>78.8%</b>			White <b>N/A</b>							
Other <b>4.4%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>4.4%</b>	<b>14.4%</b>	<b>-10.0%</b>		
Hispanic	<b>12.4%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>12.4%</b>	<b>14.5%</b>	<b>-2.1%</b>		
White	<b>78.8%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>78.8%</b>	<b>66.4%</b>	<b>12.4%</b>		
Other	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>4.4%</b>	<b>4.6%</b>	<b>-0.2%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	22	<b>19.7%</b>	<b>22.7%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	83	<b>80.3%</b>	<b>77.3%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		.704	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.692	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>			
Hispanic	<b>50.0%</b>	<b>35.7%</b>	<b>0.0%</b>	<b>14.3%</b>	White	<b>4</b>	<b>N/A</b>			
White	<b>64.5%</b>	<b>23.4%</b>	<b>10.3%</b>	<b>1.9%</b>						
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.168	not sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HARWICH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>330</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>27.2%</b>	Citations per 1000				
	Passing through:		<b>72.8%</b>	18 + residents: <b>31.6</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 283)				ITP Stops <sup>3</sup> (N = 109)				
Mean age				Mean age				
36.76				36.26				
Gender %				Gender %				
Female 33.5%				Female 30.5%				
Male 66.5%				Male 69.5%				
Non-binary 0.0%				Non-binary 0.0%				
Race % Mis/Unk <sup>4</sup> 3.9%				Race % Mis/Unk <sup>4</sup> 3.7%				
AA/Black 12.1%				AA/Black 10.5%				
Hispanic 1.5%				Hispanic 1.0%				
White 85.7%			White 86.7%					
Other 0.7%			Other 1.9%					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	12.1%	3.2%	8.9%		AA/Black	12.1%	14.4%	-2.3%
Hispanic	1.5%	2.2%	-0.7%		Hispanic	1.5%	14.5%	-13.0%
White	85.7%	91.8%	-6.1%		White	85.7%	66.4%	19.3%
Other	0.7%	2.0%	-1.3%		Other	0.7%	4.6%	-3.9%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	34	11.2%	17.6%		NW	N/A	N/A	N/A
White	221	88.8%	82.4%		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.152	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.514	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	43.2%	21.6%	21.6%	13.5%	NW	0	N/A	
Hispanic	40.0%	0.0%	60.0%	0.0%	White	6	N/A	
White	61.3%	6.6%	27.4%	4.7%				
Other	33.3%	33.3%	33.3%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.012* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HATFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>138</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>18.3%</b>	Citations per 1000				
	Passing through:		<b>81.7%</b>	18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 131)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>38.46</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>36.2%</b>				Female <b>N/A</b>				
Male <b>63.8%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>5.4%</b>				AA/Black <b>N/A</b>				
Hispanic <b>12.3%</b>				Hispanic <b>N/A</b>				
White <b>81.5%</b>			White <b>N/A</b>					
Other <b>0.8%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>5.4%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>5.4%</b>	<b>14.4%</b>	<b>-9.0%</b>
Hispanic	<b>12.3%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>12.3%</b>	<b>14.5%</b>	<b>-2.2%</b>
White	<b>81.5%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>81.5%</b>	<b>66.4%</b>	<b>15.1%</b>
Other	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	22	<b>18.4%</b>	<b>18.2%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	98	<b>81.6%</b>	<b>81.8%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.979	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.335	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>57.1%</b>	<b>0.0%</b>	<b>42.9%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>55.6%</b>	<b>11.1%</b>	<b>33.3%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>	
White	<b>74.8%</b>	<b>18.9%</b>	<b>3.6%</b>	<b>2.7%</b>				
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.001* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HAVERHILL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>5,210</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>55.9%</b>	Citations per 1000	
	Passing through:	<b>44.1%</b>	18 + residents:	<b>105.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,937)				ITP Stops <sup>3</sup> (N = 2,243)			
Mean age				Mean age			
<b>36.58</b>				<b>36.4</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>35.9%</b>			
Male <b>64.1%</b>				Male <b>63.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>4.8%</b>			
Hispanic <b>22.3%</b>				Hispanic <b>21.2%</b>			
White <b>71.2%</b>				White <b>73.0%</b>			
Other <b>1.0%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>3.6%</b>	<b>2.0%</b>	AA/Black	<b>5.6%</b>	<b>14.4%</b>	<b>-8.8%</b>
Hispanic	<b>22.3%</b>	<b>23.2%</b>	<b>-0.9%</b>	Hispanic	<b>22.3%</b>	<b>14.5%</b>	<b>7.8%</b>
White	<b>71.2%</b>	<b>69.7%</b>	<b>1.5%</b>	White	<b>71.2%</b>	<b>66.4%</b>	<b>4.8%</b>
Other	<b>1.0%</b>	<b>6.2%</b>	<b>-5.2%</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,286	<b>25.1%</b>	<b>34.6%</b>	NW	531	<b>22.3%</b>	<b>32.8%</b>
White	3,173	<b>74.9%</b>	<b>65.4%</b>	White	1,474	<b>77.7%</b>	<b>67.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.000*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.630*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.505*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.3%</b>	<b>17.2%</b>	<b>19.6%</b>	<b>3.9%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>61.2%</b>	<b>13.7%</b>	<b>21.2%</b>	<b>3.8%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>58.7%</b>	<b>25.4%</b>	<b>13.3%</b>	<b>2.6%</b>			
Other	<b>68.1%</b>	<b>19.1%</b>	<b>8.5%</b>	<b>4.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HINGHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,307</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.2%</b>	Citations per 1000	
	Passing through:	<b>73.8%</b>	18 + residents:	<b>181.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,180)				ITP Stops <sup>3</sup> (N = 1,056)			
Mean age				Mean age			
<b>41.21</b>				<b>40.2</b>			
Gender %				Gender %			
Female <b>41.4%</b>				Female <b>42.1%</b>			
Male <b>58.6%</b>				Male <b>57.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>4.7%</b>				AA/Black <b>4.8%</b>			
Hispanic <b>3.2%</b>				Hispanic <b>3.4%</b>			
White <b>89.5%</b>				White <b>89.0%</b>			
Other <b>2.6%</b>				Other <b>2.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.7%</b>	<b>0.5%</b>	<b>4.2%</b>	AA/Black	<b>4.7%</b>	<b>14.4%</b>	<b>-9.7%</b>
Hispanic	<b>3.2%</b>	<b>1.1%</b>	<b>2.1%</b>	Hispanic	<b>3.2%</b>	<b>14.5%</b>	<b>-11.3%</b>
White	<b>89.5%</b>	<b>95.2%</b>	<b>-5.7%</b>	White	<b>89.5%</b>	<b>66.4%</b>	<b>23.1%</b>
Other	<b>2.6%</b>	<b>3.3%</b>	<b>-0.7%</b>	Other	<b>2.6%</b>	<b>4.6%</b>	<b>-2.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	313	<b>9.0%</b>	<b>15.0%</b>	NW	101	<b>9.8%</b>	<b>13.7%</b>
White	2,683	<b>91.0%</b>	<b>85.0%</b>	White	811	<b>90.2%</b>	<b>86.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .081 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .561* sig.				Odds ratio Exp(B) <sup>7</sup> : .633 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.7%</b>	<b>7.1%</b>	<b>11.0%</b>	<b>3.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>76.7%</b>	<b>6.0%</b>	<b>16.4%</b>	<b>0.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>86.8%</b>	<b>9.5%</b>	<b>2.9%</b>	<b>0.8%</b>			
Other	<b>87.1%</b>	<b>8.2%</b>	<b>3.5%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HOLBROOK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>258</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>24.5%</b>	Citations per 1000				
	Passing through:		<b>75.5%</b>	18 + residents: <b>39.6</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 299)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>43</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>31.9%</b>				Female <b>N/A</b>				
Male <b>68.1%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>0.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>28.2%</b>				AA/Black <b>N/A</b>				
Hispanic <b>10.4%</b>				Hispanic <b>N/A</b>				
White <b>57.7%</b>			White <b>N/A</b>					
Other <b>3.7%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>28.2%</b>	<b>16.8%</b>	<b>N/A</b>		AA/Black	<b>28.2%</b>	<b>14.4%</b>	<b>13.8%</b>
Hispanic	<b>10.4%</b>	<b>6.7%</b>	<b>N/A</b>		Hispanic	<b>10.4%</b>	<b>14.5%</b>	<b>-4.1%</b>
White	<b>57.7%</b>	<b>72.1%</b>	<b>N/A</b>		White	<b>57.7%</b>	<b>66.4%</b>	<b>-8.7%</b>
Other	<b>3.7%</b>	<b>7.0%</b>	<b>N/A</b>		Other	<b>3.7%</b>	<b>4.6%</b>	<b>-0.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	120	<b>38.1%</b>	<b>50.6%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	167	<b>61.9%</b>	<b>49.4%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.051	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.717	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>63.7%</b>	<b>6.9%</b>	<b>25.5%</b>	<b>3.9%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>62.5%</b>	<b>2.5%</b>	<b>32.5%</b>	<b>2.5%</b>	White	<b>8</b>	<b>N/A</b>	
White	<b>70.0%</b>	<b>5.5%</b>	<b>18.0%</b>	<b>6.5%</b>				
Other	<b>69.2%</b>	<b>0.0%</b>	<b>30.8%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :								
.440				not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOLDEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,029</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.2%</b>	Citations per 1000	
	Passing through:	<b>74.8%</b>	18 + residents:	<b>205.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,014)				ITP Stops <sup>3</sup> (N = 979)			
Mean age				Mean age			
<b>39.91</b>				<b>39.8</b>			
Gender %				Gender %			
Female <b>45.0%</b>				Female <b>42.5%</b>			
Male <b>55.0%</b>				Male <b>57.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.9%</b>			
AA/Black <b>5.2%</b>				AA/Black <b>4.7%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>4.8%</b>			
White <b>87.9%</b>				White <b>89.1%</b>			
Other <b>1.7%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.2%</b>	<b>0.9%</b>	<b>4.3%</b>	AA/Black	<b>5.2%</b>	<b>14.4%</b>	<b>-9.2%</b>
Hispanic	<b>5.2%</b>	<b>4.3%</b>	<b>0.9%</b>	Hispanic	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
White	<b>87.9%</b>	<b>91.5%</b>	<b>-3.6%</b>	White	<b>87.9%</b>	<b>66.4%</b>	<b>21.5%</b>
Other	<b>1.7%</b>	<b>3.8%</b>	<b>-2.1%</b>	Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	341	<b>10.9%</b>	<b>16.0%</b>	NW	97	<b>9.9%</b>	<b>14.2%</b>
White	2,486	<b>89.1%</b>	<b>84.0%</b>	White	770	<b>90.1%</b>	<b>85.8%</b>
Chi-square, X-tab <sup>6</sup> :		.001*	sig.	Chi-square, X-tab <sup>6</sup> :		.068	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.659*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.472*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>87.7%</b>	<b>5.8%</b>	<b>5.8%</b>	<b>0.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>90.8%</b>	<b>6.6%</b>	<b>2.6%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>87.8%</b>	<b>10.4%</b>	<b>1.2%</b>	<b>0.6%</b>			
Other	<b>90.2%</b>	<b>7.8%</b>	<b>2.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HOLLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>199</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>39.7%</b>			Citations per 1000				
	Passing through: <b>60.3%</b>			18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 199)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
<b>40.03</b>					<b>N/A</b>			
Gender %					Gender %			
Female <b>37.1%</b>					Female <b>N/A</b>			
Male <b>62.9%</b>					Male <b>N/A</b>			
Non-binary <b>0.0%</b>					Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>					Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>1.5%</b>					AA/Black <b>N/A</b>			
Hispanic <b>3.6%</b>				Hispanic <b>N/A</b>				
White <b>90.8%</b>				White <b>N/A</b>				
Other <b>4.1%</b>				Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>1.5%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>1.5%</b>	<b>14.4%</b>	<b>-12.9%</b>
Hispanic	<b>3.6%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>3.6%</b>	<b>14.5%</b>	<b>-10.9%</b>
White	<b>90.8%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>90.8%</b>	<b>66.4%</b>	<b>24.4%</b>
Other	<b>4.1%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>4.1%</b>	<b>4.6%</b>	<b>-0.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>71.4%</b>	<b>28.6%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>72.5%</b>	<b>22.5%</b>	<b>5.1%</b>	<b>0.0%</b>				
Other	<b>37.5%</b>	<b>50.0%</b>	<b>12.5%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .131				not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOLLISTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,051</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.5%</b>	Citations per 1000	
	Passing through:	<b>80.5%</b>	18 + residents:	<b>184.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,020)				ITP Stops <sup>3</sup> (N = 1,102)			
Mean age				Mean age			
<b>38.26</b>				<b>38.41</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>35.6%</b>			
Male <b>63.7%</b>				Male <b>64.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>3.7%</b>			
AA/Black <b>6.7%</b>				AA/Black <b>6.6%</b>			
Hispanic <b>7.1%</b>				Hispanic <b>6.5%</b>			
White <b>84.2%</b>				White <b>85.0%</b>			
Other <b>2.0%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.7%</b>	<b>1.2%</b>	<b>5.5%</b>	AA/Black	<b>6.7%</b>	<b>14.4%</b>	<b>-7.7%</b>
Hispanic	<b>7.1%</b>	<b>3.9%</b>	<b>3.2%</b>	Hispanic	<b>7.1%</b>	<b>14.5%</b>	<b>-7.4%</b>
White	<b>84.2%</b>	<b>87.4%</b>	<b>-3.2%</b>	White	<b>84.2%</b>	<b>66.4%</b>	<b>17.8%</b>
Other	<b>2.0%</b>	<b>7.8%</b>	<b>-5.8%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	292	<b>14.4%</b>	<b>18.7%</b>	NW	141	<b>14.1%</b>	<b>16.3%</b>
White	1,557	<b>85.6%</b>	<b>81.3%</b>	White	808	<b>85.9%</b>	<b>83.7%</b>
Chi-square, X-tab <sup>6</sup> : .018* sig.				Chi-square, X-tab <sup>6</sup> : .347 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .860 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.487 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.7%</b>	<b>14.4%</b>	<b>11.4%</b>	<b>1.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>45.1%</b>	<b>12.5%</b>	<b>36.8%</b>	<b>5.6%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>80.5%</b>	<b>8.2%</b>	<b>9.5%</b>	<b>1.7%</b>			
Other	<b>89.7%</b>	<b>10.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOLYOKE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>867</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>42.1%</b>	Citations per 1000	
	Passing through:	<b>57.9%</b>	18 + residents:	<b>28.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 773)				ITP Stops <sup>3</sup> (N = 190)			
Mean age				Mean age			
<b>35.52</b>				<b>35.38</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>34.0%</b>			
Male <b>63.7%</b>				Male <b>66.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>17.7%</b>				Hispanic <b>30.6%</b>			
White <b>74.6%</b>				White <b>64.5%</b>			
Other <b>0.8%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>4.5%</b>	<b>2.4%</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b>	<b>-7.5%</b>
Hispanic	<b>17.7%</b>	<b>53.9%</b>	<b>-36.2%</b>	Hispanic	<b>17.7%</b>	<b>14.5%</b>	<b>3.2%</b>
White	<b>74.6%</b>	<b>41.3%</b>	<b>33.3%</b>	White	<b>74.6%</b>	<b>66.4%</b>	<b>8.2%</b>
Other	<b>0.8%</b>	<b>3.7%</b>	<b>-2.9%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	150	<b>25.6%</b>	<b>30.2%</b>	NW	60	<b>37.4%</b>	<b>38.5%</b>
White	401	<b>74.4%</b>	<b>69.8%</b>	White	99	<b>62.6%</b>	<b>61.5%</b>
Chi-square, X-tab <sup>6</sup> :		.250	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.895	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.883	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.957	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.5%</b>	<b>8.9%</b>	<b>30.4%</b>	<b>23.2%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>56.0%</b>	<b>14.0%</b>	<b>14.0%</b>	<b>16.0%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>39.0%</b>	<b>12.6%</b>	<b>25.3%</b>	<b>23.1%</b>			
Other	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.007*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOPEDALE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>273</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.7%</b>	Citations per 1000	
	Passing through:	<b>83.3%</b>	18 + residents:	<b>60.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 258)				ITP Stops <sup>3</sup> (N = 146)			
Mean age				Mean age			
<b>35.26</b>				<b>33.24</b>			
Gender %				Gender %			
Female <b>28.7%</b>				Female <b>28.0%</b>			
Male <b>71.3%</b>				Male <b>72.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>4.4%</b>				AA/Black <b>3.6%</b>			
Hispanic <b>14.8%</b>				Hispanic <b>15.7%</b>			
White <b>79.2%</b>				White <b>78.6%</b>			
Other <b>1.6%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.4%</b>	<b>0.3%</b>	<b>4.1%</b>	AA/Black	<b>4.4%</b>	<b>14.4%</b>	<b>-10.0%</b>
Hispanic	<b>14.8%</b>	<b>1.0%</b>	<b>13.8%</b>	Hispanic	<b>14.8%</b>	<b>14.5%</b>	<b>0.3%</b>
White	<b>79.2%</b>	<b>96.1%</b>	<b>-16.9%</b>	White	<b>79.2%</b>	<b>66.4%</b>	<b>12.8%</b>
Other	<b>1.6%</b>	<b>2.7%</b>	<b>-1.1%</b>	Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>19.1%</b>	<b>25.4%</b>	NW	28	<b>21.4%</b>	<b>22.2%</b>
White	184	<b>80.9%</b>	<b>74.6%</b>	White	102	<b>78.6%</b>	<b>77.8%</b>
Chi-square, X-tab <sup>6</sup> :		.299	not sig.	Chi-square, X-tab <sup>6</sup> :		.923	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.713	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.273	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>16.7%</b>	<b>8.3%</b>	<b>58.3%</b>	<b>16.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>12.2%</b>	<b>2.4%</b>	<b>82.9%</b>	<b>2.4%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>54.8%</b>	<b>18.8%</b>	<b>23.6%</b>	<b>2.9%</b>			
Other	<b>25.0%</b>	<b>0.0%</b>	<b>75.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOPKINTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,260</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.6%</b>	Citations per 1000	
	Passing through:	<b>70.4%</b>	18 + residents:	<b>92.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,229)				ITP Stops <sup>3</sup> (N = 498)			
Mean age				Mean age			
<b>37.62</b>				<b>38.72</b>			
Gender %				Gender %			
Female <b>33.1%</b>				Female <b>29.5%</b>			
Male <b>66.9%</b>				Male <b>70.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>4.7%</b>			
Hispanic <b>17.1%</b>				Hispanic <b>15.6%</b>			
White <b>66.8%</b>				White <b>69.2%</b>			
Other <b>10.5%</b>				Other <b>10.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>1.9%</b>	<b>3.7%</b>	AA/Black	<b>5.6%</b>	<b>14.4%</b>	<b>-8.8%</b>
Hispanic	<b>17.1%</b>	<b>3.2%</b>	<b>13.9%</b>	Hispanic	<b>17.1%</b>	<b>14.5%</b>	<b>2.6%</b>
White	<b>66.8%</b>	<b>81.6%</b>	<b>-14.8%</b>	White	<b>66.8%</b>	<b>66.4%</b>	<b>0.4%</b>
Other	<b>10.5%</b>	<b>13.3%</b>	<b>-2.8%</b>	Other	<b>10.5%</b>	<b>4.6%</b>	<b>5.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	379	<b>30.1%</b>	<b>39.3%</b>	NW	128	<b>30.0%</b>	<b>32.9%</b>
White	751	<b>69.9%</b>	<b>60.7%</b>	White	285	<b>70.0%</b>	<b>67.1%</b>
Chi-square, X-tab <sup>6</sup> :		.002*	sig.	Chi-square, X-tab <sup>6</sup> :		.557	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.690*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.112	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.3%</b>	<b>5.7%</b>	<b>18.6%</b>	<b>1.4%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>46.2%</b>	<b>12.9%</b>	<b>35.7%</b>	<b>5.2%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>75.8%</b>	<b>13.1%</b>	<b>8.7%</b>	<b>2.4%</b>			
Other	<b>79.5%</b>	<b>13.4%</b>	<b>5.5%</b>	<b>1.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HUBBARDSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>372</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 347)				ITP Stops <sup>3</sup> (N = 160)			
Mean age				Mean age			
<b>35.94</b>				<b>35.06</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>34.4%</b>			
Male <b>64.7%</b>				Male <b>65.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>5.9%</b>				AA/Black <b>4.4%</b>			
Hispanic <b>10.9%</b>				Hispanic <b>9.4%</b>			
White <b>82.4%</b>				White <b>85.6%</b>			
Other <b>0.9%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.9%</b>	<b>14.4%</b>	<b>-8.5%</b>
Hispanic	<b>10.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>10.9%</b>	<b>14.5%</b>	<b>-3.6%</b>
White	<b>82.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.4%</b>	<b>66.4%</b>	<b>16.0%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	60	<b>15.5%</b>	<b>29.9%</b>	NW	23	<b>12.1%</b>	<b>25.7%</b>
White	256	<b>84.5%</b>	<b>70.1%</b>	White	128	<b>87.9%</b>	<b>74.3%</b>
Chi-square, X-tab <sup>6</sup> : .005* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .049* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .429* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .604 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>19.0%</b>	<b>47.6%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>21.6%</b>	<b>8.1%</b>	<b>67.6%</b>	<b>2.7%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>34.9%</b>	<b>14.5%</b>	<b>49.7%</b>	<b>1.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .424 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HUDSON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,000</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.6%</b>	Citations per 1000	
	Passing through:	<b>63.4%</b>	18 + residents:	<b>62.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 958)				ITP Stops <sup>3</sup> (N = 466)			
Mean age				Mean age			
<b>38.55</b>				<b>38.27</b>			
Gender %				Gender %			
Female <b>36.9%</b>				Female <b>32.9%</b>			
Male <b>63.0%</b>				Male <b>66.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>9.2%</b>				Race % Mis/Unk <sup>4</sup> <b>11.6%</b>			
AA/Black <b>3.4%</b>				AA/Black <b>3.2%</b>			
Hispanic <b>7.4%</b>				Hispanic <b>7.0%</b>			
White <b>87.1%</b>				White <b>87.1%</b>			
Other <b>2.1%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.4%</b>	<b>1.2%</b>	<b>2.2%</b>	AA/Black	<b>3.4%</b>	<b>14.4%</b>	<b>-11.0%</b>
Hispanic	<b>7.4%</b>	<b>5.8%</b>	<b>1.6%</b>	Hispanic	<b>7.4%</b>	<b>14.5%</b>	<b>-7.1%</b>
White	<b>87.1%</b>	<b>89.2%</b>	<b>-2.1%</b>	White	<b>87.1%</b>	<b>66.4%</b>	<b>20.7%</b>
Other	<b>2.1%</b>	<b>3.5%</b>	<b>-1.4%</b>	Other	<b>2.1%</b>	<b>4.6%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	105	<b>11.5%</b>	<b>15.7%</b>	NW	46	<b>11.7%</b>	<b>12.9%</b>
White	725	<b>88.5%</b>	<b>84.3%</b>	White	334	<b>88.3%</b>	<b>87.1%</b>
Chi-square, X-tab <sup>6</sup> : .107 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .740 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .735 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .696 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.1%</b>	<b>6.3%</b>	<b>12.5%</b>	<b>3.1%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>50.7%</b>	<b>15.9%</b>	<b>29.0%</b>	<b>4.3%</b>	White	<b>51</b>	<b>N/A</b>
White	<b>78.9%</b>	<b>9.0%</b>	<b>9.1%</b>	<b>3.0%</b>			
Other	<b>88.9%</b>	<b>11.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HULL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>747</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.9%</b>	Citations per 1000	
	Passing through:	<b>68.1%</b>	18 + residents:	<b>82</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 700)				ITP Stops <sup>3</sup> (N = 319)			
Mean age				Mean age			
<b>38.23</b>				<b>38.6</b>			
Gender %				Gender %			
Female <b>35.4%</b>				Female <b>37.3%</b>			
Male <b>64.6%</b>				Male <b>62.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.1%</b>				Race % Mis/Unk <sup>4</sup> <b>6.0%</b>			
AA/Black <b>7.6%</b>				AA/Black <b>6.7%</b>			
Hispanic <b>3.3%</b>				Hispanic <b>4.0%</b>			
White <b>87.1%</b>				White <b>86.3%</b>			
Other <b>2.0%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>0.5%</b>	<b>7.1%</b>	AA/Black	<b>7.6%</b>	<b>14.4%</b>	<b>-6.8%</b>
Hispanic	<b>3.3%</b>	<b>1.7%</b>	<b>1.6%</b>	Hispanic	<b>3.3%</b>	<b>14.5%</b>	<b>-11.2%</b>
White	<b>87.1%</b>	<b>94.6%</b>	<b>-7.5%</b>	White	<b>87.1%</b>	<b>66.4%</b>	<b>20.7%</b>
Other	<b>2.0%</b>	<b>3.1%</b>	<b>-1.1%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	75	<b>12.9%</b>	<b>12.5%</b>	NW	35	<b>16.1%</b>	<b>10.2%</b>
White	515	<b>87.1%</b>	<b>87.5%</b>	White	226	<b>83.9%</b>	<b>89.8%</b>
Chi-square, X-tab <sup>6</sup> : .884 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .163 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : 1.151 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.706 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>53.8%</b>	<b>19.2%</b>	<b>21.2%</b>	<b>5.8%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>18.2%</b>	<b>31.8%</b>	<b>0.0%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>61.9%</b>	<b>17.3%</b>	<b>16.4%</b>	<b>4.4%</b>			
Other	<b>84.6%</b>	<b>15.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .367 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### IPSWICH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>221</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.7%</b>	Citations per 1000	
	Passing through:	<b>62.3%</b>	18 + residents:	<b>19.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 183)				ITP Stops <sup>3</sup> (N = 96)			
Mean age				Mean age			
<b>35.98</b>				<b>38.27</b>			
Gender %				Gender %			
Female <b>37.2%</b>				Female <b>41.7%</b>			
Male <b>62.8%</b>				Male <b>58.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>1.7%</b>				AA/Black <b>1.1%</b>			
Hispanic <b>8.9%</b>				Hispanic <b>9.5%</b>			
White <b>87.8%</b>				White <b>86.3%</b>			
Other <b>1.7%</b>				Other <b>3.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.7%</b>	<b>2.2%</b>	<b>-0.5%</b>	AA/Black	<b>1.7%</b>	<b>14.4%</b>	<b>-12.7%</b>
Hispanic	<b>8.9%</b>	<b>4.2%</b>	<b>4.7%</b>	Hispanic	<b>8.9%</b>	<b>14.5%</b>	<b>-5.6%</b>
White	<b>87.8%</b>	<b>92.0%</b>	<b>-4.2%</b>	White	<b>87.8%</b>	<b>66.4%</b>	<b>21.4%</b>
Other	<b>1.7%</b>	<b>2.0%</b>	<b>-0.3%</b>	Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	<b>11.3%</b>	<b>15.0%</b>	NW	13	<b>12.5%</b>	<b>18.5%</b>
White	153	<b>88.7%</b>	<b>85.0%</b>	White	78	<b>87.5%</b>	<b>81.5%</b>
Chi-square, X-tab <sup>6</sup> : .484 not sig.				Chi-square, X-tab <sup>6</sup> : .454 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .659 not sig.				Odds ratio Exp(B) <sup>7</sup> : .098 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>27.8%</b>	<b>27.8%</b>	<b>33.3%</b>	<b>11.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>42.3%</b>	<b>29.4%</b>	<b>17.0%</b>	<b>11.3%</b>			
Other	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .362 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT KINGSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>174</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>28.1%</b>			Citations per 1000				
	Passing through: <b>71.9%</b>			18 + residents: <b>38.4</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 153)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
<b>32.43</b>					<b>N/A</b>			
Gender %					Gender %			
Female <b>38.6%</b>					Female <b>N/A</b>			
Male <b>60.8%</b>					Male <b>N/A</b>			
Non-binary <b>0.7%</b>					Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>5.9%</b>					Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.2%</b>					AA/Black <b>N/A</b>			
Hispanic <b>2.8%</b>					Hispanic <b>N/A</b>			
White <b>92.4%</b>				White <b>N/A</b>				
Other <b>0.7%</b>				Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>4.2%</b>	<b>0.6%</b>	<b>3.6%</b>		AA/Black	<b>4.2%</b>	<b>14.4%</b>	<b>-10.2%</b>
Hispanic	<b>2.8%</b>	<b>3.8%</b>	<b>-1.0%</b>		Hispanic	<b>2.8%</b>	<b>14.5%</b>	<b>-11.7%</b>
White	<b>92.4%</b>	<b>93.6%</b>	<b>-1.2%</b>		White	<b>92.4%</b>	<b>66.4%</b>	<b>26.0%</b>
Other	<b>0.7%</b>	<b>2.0%</b>	<b>-1.3%</b>		Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>3</b>	<b>N/A</b>	
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>	
White	<b>71.2%</b>	<b>8.5%</b>	<b>15.7%</b>	<b>4.6%</b>				
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .015* sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LAKEVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>508</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>24.3%</b>	Citations per 1000				
	Passing through:		<b>75.7%</b>	18 + residents: <b>55.6</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 452)				ITP Stops <sup>3</sup> (N = 109)				
Mean age				Mean age				
<b>34.35</b>				<b>34.77</b>				
Gender %				Gender %				
Female <b>29.6%</b>				Female <b>35.8%</b>				
Male <b>70.4%</b>				Male <b>64.2%</b>				
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>4.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				
AA/Black <b>6.7%</b>				AA/Black <b>6.5%</b>				
Hispanic <b>4.0%</b>				Hispanic <b>4.7%</b>				
White <b>87.9%</b>			White <b>87.9%</b>					
Other <b>1.4%</b>			Other <b>0.9%</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>6.7%</b>	<b>2.0%</b>	<b>4.7%</b>		AA/Black	<b>6.7%</b>	<b>14.4%</b>	<b>-7.7%</b>
Hispanic	<b>4.0%</b>	<b>2.8%</b>	<b>1.2%</b>		Hispanic	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
White	<b>87.9%</b>	<b>92.4%</b>	<b>-4.5%</b>		White	<b>87.9%</b>	<b>66.4%</b>	<b>21.5%</b>
Other	<b>1.4%</b>	<b>3.0%</b>	<b>-1.6%</b>		Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	49	<b>10.1%</b>	<b>19.6%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	350	<b>89.9%</b>	<b>80.4%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.015*	sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.386*	sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>25.0%</b>	<b>46.9%</b>	<b>12.5%</b>	<b>15.6%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>15.8%</b>	<b>15.8%</b>	<b>68.4%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>	
White	<b>35.0%</b>	<b>27.7%</b>	<b>32.9%</b>	<b>4.5%</b>				
Other	<b>57.1%</b>	<b>14.3%</b>	<b>28.6%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :								
.001* sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LANCASTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>463</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.5%</b>	Citations per 1000	
	Passing through:	<b>93.5%</b>	18 + residents:	<b>70.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 445)				ITP Stops <sup>3</sup> (N = 94)			
Mean age				Mean age			
<b>34.8</b>				<b>33.7</b>			
Gender %				Gender %			
Female <b>43.6%</b>				Female <b>31.2%</b>			
Male <b>56.4%</b>				Male <b>68.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>7.2%</b>				AA/Black <b>3.3%</b>			
Hispanic <b>17.2%</b>				Hispanic <b>23.9%</b>			
White <b>73.0%</b>				White <b>71.7%</b>			
Other <b>2.6%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>7.4%</b>	<b>-0.2%</b>	AA/Black	<b>7.2%</b>	<b>14.4%</b>	<b>-7.2%</b>
Hispanic	<b>17.2%</b>	<b>7.3%</b>	<b>9.9%</b>	Hispanic	<b>17.2%</b>	<b>14.5%</b>	<b>2.7%</b>
White	<b>73.0%</b>	<b>81.4%</b>	<b>-8.4%</b>	White	<b>73.0%</b>	<b>66.4%</b>	<b>6.6%</b>
Other	<b>2.6%</b>	<b>4.8%</b>	<b>-2.2%</b>	Other	<b>2.6%</b>	<b>4.6%</b>	<b>-2.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	113	<b>25.8%</b>	<b>33.9%</b>	NW	26	<b>26.7%</b>	<b>28.0%</b>
White	307	<b>74.2%</b>	<b>66.1%</b>	White	62	<b>73.3%</b>	<b>72.0%</b>
Chi-square, X-tab <sup>6</sup> :		.191	not sig.	Chi-square, X-tab <sup>6</sup> :		.900	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.592	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.046	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>17.6%</b>	<b>70.6%</b>	<b>11.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>32.4%</b>	<b>55.4%</b>	<b>12.2%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>29.0%</b>	<b>59.1%</b>	<b>11.0%</b>	<b>0.9%</b>			
Other	<b>9.1%</b>	<b>81.8%</b>	<b>9.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.706	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LAWRENCE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>8,310</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>61.9%</b>	Citations per 1000	
	Passing through:	<b>38.1%</b>	18 + residents:	<b>140.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,943)				ITP Stops <sup>3</sup> (N = 1,132)			
Mean age				Mean age			
<b>38.14</b>				<b>35.94</b>			
Gender %				Gender %			
Female <b>35.9%</b>				Female <b>31.5%</b>			
Male <b>64.0%</b>				Male <b>68.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>5.9%</b>			
AA/Black <b>4.9%</b>				AA/Black <b>3.4%</b>			
Hispanic <b>71.6%</b>				Hispanic <b>72.6%</b>			
White <b>22.3%</b>				White <b>22.3%</b>			
Other <b>1.3%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.9%</b>	<b>5.7%</b>	<b>-0.8%</b>	AA/Black	<b>4.9%</b>	<b>14.4%</b>	<b>-9.5%</b>
Hispanic	<b>71.6%</b>	<b>80.6%</b>	<b>-9.0%</b>	Hispanic	<b>71.6%</b>	<b>14.5%</b>	<b>57.1%</b>
White	<b>22.3%</b>	<b>14.8%</b>	<b>7.5%</b>	White	<b>22.3%</b>	<b>66.4%</b>	<b>-44.1%</b>
Other	<b>1.3%</b>	<b>5.1%</b>	<b>-3.8%</b>	Other	<b>1.3%</b>	<b>4.6%</b>	<b>-3.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	5,620	<b>77.4%</b>	<b>80.6%</b>	NW	730	<b>76.7%</b>	<b>78.6%</b>
White	1,602	<b>22.6%</b>	<b>19.4%</b>	White	215	<b>23.3%</b>	<b>21.4%</b>
Chi-square, X-tab <sup>6</sup> : 0.32* sig.				Chi-square, X-tab <sup>6</sup> : .517 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .848 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.192 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.8%</b>	<b>13.3%</b>	<b>10.4%</b>	<b>0.5%</b>	NW	<b>29</b>	<b>N/A</b>
Hispanic	<b>77.8%</b>	<b>15.6%</b>	<b>5.6%</b>	<b>1.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>79.6%</b>	<b>12.3%</b>	<b>7.1%</b>	<b>1.0%</b>			
Other	<b>85.3%</b>	<b>7.8%</b>	<b>5.9%</b>	<b>1.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LEE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>127</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>21.8%</b>	Citations per 1000		
	Passing through:		<b>78.2%</b>	18 + residents: <b>26.7</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
All Stops <sup>2</sup> (N = 87)				ITP Stops <sup>3</sup> (N = N/A)		
Mean age				Mean age		
<b>42.73</b>				<b>N/A</b>		
Gender %				Gender %		
Female <b>36.8%</b>				Female <b>N/A</b>		
Male <b>63.2%</b>				Male <b>N/A</b>		
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>		
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>		
AA/Black <b>6.9%</b>				AA/Black <b>N/A</b>		
Hispanic <b>1.1%</b>				Hispanic <b>N/A</b>		
White <b>92.0%</b>				White <b>N/A</b>		
Other <b>0.0%</b>				Other <b>N/A</b>		
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	<b>6.9%</b>	<b>0.3%</b>	<b>6.6%</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b> <b>-7.5%</b>
Hispanic	<b>1.1%</b>	<b>2.5%</b>	<b>-1.4%</b>	Hispanic	<b>1.1%</b>	<b>14.5%</b> <b>-13.4%</b>
White	<b>92.0%</b>	<b>90.9%</b>	<b>1.1%</b>	White	<b>92.0%</b>	<b>66.4%</b> <b>25.6%</b>
Other	<b>0.0%</b>	<b>3.6%</b>	<b>-3.6%</b>	Other	<b>0.0%</b>	<b>4.6%</b> <b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b> <b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b> <b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone						
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race <sup>8</sup>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>37.5%</b>	<b>12.5%</b>	<b>50.0%</b>	<b>0.0%</b>	NW	<b>0</b> <b>N/A</b>
Hispanic	<b>33.3%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>33.3%</b>	White	<b>2</b> <b>N/A</b>
White	<b>53.0%</b>	<b>12.2%</b>	<b>27.8%</b>	<b>7.0%</b>		
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> : .302				not sig.		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LEICESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>975</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.3%</b>	Citations per 1000	
	Passing through:	<b>87.7%</b>	18 + residents:	<b>105.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 949)				ITP Stops <sup>3</sup> (N = 297)			
Mean age				Mean age			
<b>36.23</b>				<b>35.37</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>32.3%</b>			
Male <b>62.4%</b>				Male <b>67.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.3%</b>			
AA/Black <b>10.8%</b>				AA/Black <b>11.8%</b>			
Hispanic <b>19.7%</b>				Hispanic <b>23.3%</b>			
White <b>66.6%</b>				White <b>63.5%</b>			
Other <b>2.9%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.8%</b>	<b>3.2%</b>	<b>7.6%</b>	AA/Black	<b>10.8%</b>	<b>14.4%</b>	<b>-3.6%</b>
Hispanic	<b>19.7%</b>	<b>3.8%</b>	<b>15.9%</b>	Hispanic	<b>19.7%</b>	<b>14.5%</b>	<b>5.2%</b>
White	<b>66.6%</b>	<b>91.0%</b>	<b>-24.4%</b>	White	<b>66.6%</b>	<b>66.4%</b>	<b>0.2%</b>
Other	<b>2.9%</b>	<b>2.5%</b>	<b>0.4%</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	298	<b>27.7%</b>	<b>43.5%</b>	NW	94	<b>33.3%</b>	<b>40.2%</b>
White	600	<b>72.3%</b>	<b>56.5%</b>	White	171	<b>66.7%</b>	<b>59.8%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.277	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.540*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.714	not sig.

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.3%</b>	<b>8.5%</b>	<b>28.3%</b>	<b>0.9%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>50.3%</b>	<b>18.2%</b>	<b>25.7%</b>	<b>5.9%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>62.6%</b>	<b>18.4%</b>	<b>14.7%</b>	<b>4.3%</b>			
Other	<b>66.7%</b>	<b>18.5%</b>	<b>14.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LENOX POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>487</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>7.4%</b>			Citations per 1000				
	Passing through: <b>92.6%</b>			18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 476)					ITP Stops <sup>3</sup> (N = 175)			
Mean age					Mean age			
39.47					38.4			
Gender %					Gender %			
Female 41.9%					Female 43.4%			
Male 57.7%					Male 56.0%			
Non-binary 0.4%					Non-binary 0.6%			
Race % Mis/Unk <sup>4</sup> 2.7%					Race % Mis/Unk <sup>4</sup> 2.3%			
AA/Black 8.0%					AA/Black 6.4%			
Hispanic 3.5%				Hispanic 2.3%				
White 87.3%				White 90.6%				
Other 1.3%				Other 0.6%				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	8.0%	N/A	N/A		AA/Black	8.0%	14.4%	-6.4%
Hispanic	3.5%	N/A	N/A		Hispanic	3.5%	14.5%	-11.0%
White	87.3%	N/A	N/A		White	87.3%	66.4%	20.9%
Other	1.3%	N/A	N/A		Other	1.3%	4.6%	-3.3%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	55	10.8%	22.0%		NW	N/A	N/A	N/A
White	359	89.2%	78.0%		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.006*	sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.478*	sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	67.6%	13.5%	18.9%	0.0%	NW	0	N/A	
Hispanic	62.5%	6.3%	31.3%	0.0%	White	1	N/A	
White	79.3%	12.5%	7.5%	0.7%				
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.041* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LEOMINSTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,340</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.1%</b>	Citations per 1000	
	Passing through:	<b>54.9%</b>	18 + residents:	<b>71.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,211)				ITP Stops <sup>3</sup> (N = 245)			
Mean age				Mean age			
<b>42.17</b>				<b>38.06</b>			
Gender %				Gender %			
Female <b>49.3%</b>				Female <b>40.5%</b>			
Male <b>50.7%</b>				Male <b>59.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>8.2%</b>				AA/Black <b>7.5%</b>			
Hispanic <b>19.4%</b>				Hispanic <b>25.7%</b>			
White <b>69.7%</b>				White <b>63.5%</b>			
Other <b>2.7%</b>				Other <b>3.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.2%</b>	<b>6.7%</b>	<b>1.5%</b>	AA/Black	<b>8.2%</b>	<b>14.4%</b>	<b>-6.2%</b>
Hispanic	<b>19.4%</b>	<b>18.4%</b>	<b>1.0%</b>	Hispanic	<b>19.4%</b>	<b>14.5%</b>	<b>4.9%</b>
White	<b>69.7%</b>	<b>69.3%</b>	<b>0.4%</b>	White	<b>69.7%</b>	<b>66.4%</b>	<b>3.3%</b>
Other	<b>2.7%</b>	<b>6.8%</b>	<b>-4.1%</b>	Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	647	<b>28.6%</b>	<b>44.8%</b>	NW	78	<b>29.6%</b>	<b>41.1%</b>
White	1,505	<b>71.4%</b>	<b>55.2%</b>	White	144	<b>70.4%</b>	<b>58.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .072 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .507* sig.				Odds ratio Exp(B) <sup>7</sup> : .463 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.6%</b>	<b>5.8%</b>	<b>11.0%</b>	<b>2.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>76.0%</b>	<b>7.2%</b>	<b>15.3%</b>	<b>1.5%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>86.4%</b>	<b>5.1%</b>	<b>6.7%</b>	<b>1.8%</b>			
Other	<b>81.7%</b>	<b>5.0%</b>	<b>13.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LEVERETT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>279</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>14.9%</b>	Citations per 1000	
	Passing through:	<b>85.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 275)				ITP Stops <sup>3</sup> (N = 136)			
Mean age				Mean age			
<b>41.53</b>				<b>39.02</b>			
Gender %				Gender %			
Female <b>45.0%</b>				Female <b>43.3%</b>			
Male <b>55.0%</b>				Male <b>56.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
<b>1.8%</b>				<b>2.9%</b>			
AA/Black <b>7.0%</b>				AA/Black <b>6.8%</b>			
Hispanic <b>1.5%</b>				Hispanic <b>2.3%</b>			
White <b>90.4%</b>				White <b>89.4%</b>			
Other <b>1.1%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.0%</b>	<b>14.4%</b>	<b>-7.4%</b>
Hispanic	<b>1.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>1.5%</b>	<b>14.5%</b>	<b>-13.0%</b>
White	<b>90.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>90.4%</b>	<b>66.4%</b>	<b>24.0%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	<b>8.6%</b>	<b>13.4%</b>	NW	14	<b>12.1%</b>	<b>11.3%</b>
White	227	<b>91.4%</b>	<b>86.6%</b>	White	105	<b>87.9%</b>	<b>88.7%</b>
Chi-square, X-tab <sup>6</sup> :		.262	not sig.	Chi-square, X-tab <sup>6</sup> :		.893	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.861	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.804	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>10.0%</b>	<b>30.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>85.8%</b>	<b>6.1%</b>	<b>6.9%</b>	<b>1.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.002* sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LEXINGTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,291</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.4%</b>	Citations per 1000	
	Passing through:	<b>71.6%</b>	18 + residents:	<b>53.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,114)				ITP Stops <sup>3</sup> (N = 238)			
Mean age				Mean age			
<b>41.94</b>				<b>41.07</b>			
Gender %				Gender %			
Female <b>43.8%</b>				Female <b>40.3%</b>			
Male <b>56.1%</b>				Male <b>59.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>7.3%</b>				AA/Black <b>9.8%</b>			
Hispanic <b>8.3%</b>				Hispanic <b>6.0%</b>			
White <b>63.6%</b>				White <b>60.0%</b>			
Other <b>20.8%</b>				Other <b>24.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.3%</b>	<b>1.3%</b>	<b>6.0%</b>	AA/Black	<b>7.3%</b>	<b>14.4%</b>	<b>-7.1%</b>
Hispanic	<b>8.3%</b>	<b>2.1%</b>	<b>6.2%</b>	Hispanic	<b>8.3%</b>	<b>14.5%</b>	<b>-6.2%</b>
White	<b>63.6%</b>	<b>62.7%</b>	<b>0.9%</b>	White	<b>63.6%</b>	<b>66.4%</b>	<b>-2.8%</b>
Other	<b>20.8%</b>	<b>34.0%</b>	<b>-13.2%</b>	Other	<b>20.8%</b>	<b>4.6%</b>	<b>16.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	392	<b>35.0%</b>	<b>46.3%</b>	NW	84	<b>38.3%</b>	<b>43.7%</b>
White	676	<b>65.0%</b>	<b>53.7%</b>	White	123	<b>61.7%</b>	<b>56.3%</b>
Chi-square, X-tab <sup>6</sup> : .006* sig.				Chi-square, X-tab <sup>6</sup> : .440 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .625* sig.				Odds ratio Exp(B) <sup>7</sup> : .603 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.4%</b>	<b>29.7%</b>	<b>13.9%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>33.0%</b>	<b>41.5%</b>	<b>21.7%</b>	<b>3.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>54.2%</b>	<b>37.1%</b>	<b>6.6%</b>	<b>2.1%</b>			
Other	<b>50.0%</b>	<b>46.9%</b>	<b>2.4%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LEYDEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>137</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>40.3%</b>	Citations per 1000						
	Passing through:		<b>59.7%</b>	18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 134)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
39.4				N/A						
Gender %				Gender %						
Female 28.4%				Female N/A						
Male 71.6%				Male N/A						
Non-binary 0.0%				Non-binary N/A						
Race % Mis/Unk <sup>4</sup> 6.7%				Race % Mis/Unk <sup>4</sup> N/A						
AA/Black 2.4%				AA/Black N/A						
Hispanic 0.0%				Hispanic N/A						
White 97.6%			White N/A							
Other 0.0%			Other N/A							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	2.4%	N/A	N/A		AA/Black	2.4%	14.4%	-12.0%		
Hispanic	0.0%	N/A	N/a		Hispanic	0.0%	14.5%	-14.5%		
White	97.6%	N/A	N/A		White	97.6%	66.4%	31.2%		
Other	0.0%	N/A	N/A		Other	0.0%	4.6%	-4.6%		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	N/A	N/A	N/A		NW	N/A	N/A	N/A		
White	N/A	N/A	N/A		White	N/A	N/A	N/A		
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	33.3%	0.0%	66.7%	0.0%	NW	0	N/A			
Hispanic	0.0%	0.0%	0.0%	0.0%	White	1	N/A			
White	10.4%	80.0%	9.6%	0.0%						
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent			
Chi-square, X-tab <sup>6</sup> : .002* sig.										
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LINCOLN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>779</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.5%</b>	Citations per 1000	
	Passing through:	<b>92.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 745)				ITP Stops <sup>3</sup> (N = 288)			
Mean age				Mean age			
<b>39.43</b>				<b>43.22</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>31.6%</b>			
Male <b>68.4%</b>				Male <b>68.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>13.7%</b>				AA/Black <b>7.6%</b>			
Hispanic <b>13.5%</b>				Hispanic <b>9.4%</b>			
White <b>63.9%</b>				White <b>71.5%</b>			
Other <b>8.9%</b>				Other <b>11.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.7%</b>	<b>14.4%</b>	<b>-0.7%</b>
Hispanic	<b>13.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>13.5%</b>	<b>14.5%</b>	<b>-1.0%</b>
White	<b>63.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.9%</b>	<b>66.4%</b>	<b>-2.5%</b>
Other	<b>8.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.9%</b>	<b>4.6%</b>	<b>4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	261	<b>25.6%</b>	<b>45.3%</b>	NW	75	<b>27.3%</b>	<b>31.6%</b>
White	453	<b>74.4%</b>	<b>54.7%</b>	White	185	<b>72.7%</b>	<b>68.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .461 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .419* sig.				Odds ratio Exp(B) <sup>7</sup> : .795 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.9%</b>	<b>17.3%</b>	<b>3.8%</b>	<b>1.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>52.5%</b>	<b>21.8%</b>	<b>21.8%</b>	<b>4.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>76.9%</b>	<b>17.5%</b>	<b>3.6%</b>	<b>2.0%</b>			
Other	<b>81.8%</b>	<b>16.7%</b>	<b>1.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LITTLETON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>684</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.3%</b>	Citations per 1000	
	Passing through:	<b>87.7%</b>	18 + residents:	<b>87.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 649)				ITP Stops <sup>3</sup> (N = 253)			
Mean age				Mean age			
<b>36.86</b>				<b>37.81</b>			
Gender %				Gender %			
Female <b>28.0%</b>				Female <b>31.3%</b>			
Male <b>72.0%</b>				Male <b>68.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>9.2%</b>				AA/Black <b>8.1%</b>			
Hispanic <b>10.0%</b>				Hispanic <b>6.9%</b>			
White <b>71.5%</b>				White <b>71.5%</b>			
Other <b>9.2%</b>				Other <b>13.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.2%</b>	<b>0.6%</b>	<b>8.6%</b>	AA/Black	<b>9.2%</b>	<b>14.4%</b>	<b>-5.2%</b>
Hispanic	<b>10.0%</b>	<b>1.3%</b>	<b>8.7%</b>	Hispanic	<b>10.0%</b>	<b>14.5%</b>	<b>-4.5%</b>
White	<b>71.5%</b>	<b>89.0%</b>	<b>-17.5%</b>	White	<b>71.5%</b>	<b>66.4%</b>	<b>5.1%</b>
Other	<b>9.2%</b>	<b>8.8%</b>	<b>0.4%</b>	Other	<b>9.2%</b>	<b>4.6%</b>	<b>4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	171	<b>26.8%</b>	<b>31.4%</b>	NW	63	<b>27.1%</b>	<b>31.1%</b>
White	418	<b>73.2%</b>	<b>68.6%</b>	White	156	<b>72.9%</b>	<b>68.9%</b>
Chi-square, X-tab <sup>6</sup> :		.217	not sig.	Chi-square, X-tab <sup>6</sup> :		.522	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.817	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.907	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.3%</b>	<b>8.3%</b>	<b>18.3%</b>	<b>10.0%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>62.5%</b>	<b>6.3%</b>	<b>26.6%</b>	<b>4.7%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>71.3%</b>	<b>11.9%</b>	<b>12.1%</b>	<b>4.8%</b>			
Other	<b>67.8%</b>	<b>18.6%</b>	<b>8.5%</b>	<b>5.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.023*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LONGMEADOW POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>464</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.5%</b>	Citations per 1000	
	Passing through:	<b>70.5%</b>	18 + residents:	<b>38.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 396)				ITP Stops <sup>3</sup> (N = 119)			
Mean age				Mean age			
<b>36.83</b>				<b>37.65</b>			
Gender %				Gender %			
Female <b>39.0%</b>				Female <b>38.1%</b>			
Male <b>61.0%</b>				Male <b>61.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>11.5%</b>				AA/Black <b>7.6%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>5.1%</b>			
White <b>81.3%</b>				White <b>83.1%</b>			
Other <b>3.1%</b>				Other <b>4.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.5%</b>	<b>0.9%</b>	<b>10.6%</b>	AA/Black	<b>11.5%</b>	<b>14.4%</b>	<b>-2.9%</b>
Hispanic	<b>4.1%</b>	<b>6.8%</b>	<b>-2.7%</b>	Hispanic	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
White	<b>81.3%</b>	<b>84.4%</b>	<b>-3.1%</b>	White	<b>81.3%</b>	<b>66.4%</b>	<b>14.9%</b>
Other	<b>3.1%</b>	<b>8.5%</b>	<b>-5.4%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	<b>14.3%</b>	<b>21.7%</b>	NW	18	<b>12.1%</b>	<b>23.4%</b>
White	274	<b>85.7%</b>	<b>78.3%</b>	White	87	<b>87.9%</b>	<b>76.6%</b>
Chi-square, X-tab <sup>6</sup> :		.079	not sig.	Chi-square, X-tab <sup>6</sup> :		.125	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.648	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.801	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.3%</b>	<b>10.2%</b>	<b>24.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.6%</b>	<b>7.4%</b>	<b>8.0%</b>	<b>0.0%</b>			
Other	<b>66.7%</b>	<b>26.7%</b>	<b>6.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LOWELL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>10,582</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>48.0%</b>	Citations per 1000	
	Passing through:	<b>52.0%</b>	18 + residents:	<b>121</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 10,303)				ITP Stops <sup>3</sup> (N = 3,470)			
Mean age				Mean age			
<b>36.37</b>				<b>34.28</b>			
Gender %				Gender %			
Female <b>38.8%</b>				Female <b>33.0%</b>			
Male <b>61.2%</b>				Male <b>67.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>3.5%</b>			
AA/Black <b>12.3%</b>				AA/Black <b>12.0%</b>			
Hispanic <b>26.4%</b>				Hispanic <b>29.2%</b>			
White <b>49.2%</b>				White <b>46.3%</b>			
Other <b>12.2%</b>				Other <b>12.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.3%</b>	<b>8.0%</b>	<b>4.3%</b>	AA/Black	<b>12.3%</b>	<b>14.4%</b>	<b>-2.1%</b>
Hispanic	<b>26.4%</b>	<b>18.1%</b>	<b>8.3%</b>	Hispanic	<b>26.4%</b>	<b>14.5%</b>	<b>11.9%</b>
White	<b>49.2%</b>	<b>48.7%</b>	<b>0.5%</b>	White	<b>49.2%</b>	<b>66.4%</b>	<b>-17.2%</b>
Other	<b>12.2%</b>	<b>26.4%</b>	<b>-14.2%</b>	Other	<b>12.2%</b>	<b>4.6%</b>	<b>7.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,799	<b>48.7%</b>	<b>59.7%</b>	NW	1,612	<b>51.1%</b>	<b>57.2%</b>
White	4,654	<b>51.3%</b>	<b>40.3%</b>	White	1,425	<b>48.9%</b>	<b>42.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .002* sig.			
Odds ratio Exp(B) <sup>7</sup> : .652* sig.				Odds ratio Exp(B) <sup>7</sup> : .857 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>22.2%</b>	<b>71.7%</b>	<b>5.2%</b>	<b>0.9%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>18.6%</b>	<b>70.4%</b>	<b>9.3%</b>	<b>1.8%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>18.2%</b>	<b>76.0%</b>	<b>5.1%</b>	<b>0.7%</b>			
Other	<b>22.4%</b>	<b>72.4%</b>	<b>4.4%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LUDLOW POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>993</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.6%</b>	Citations per 1000	
	Passing through:	<b>61.4%</b>	18 + residents:	<b>57.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 846)				ITP Stops <sup>3</sup> (N = 442)			
Mean age				Mean age			
<b>36.33</b>				<b>37.85</b>			
Gender %				Gender %			
Female <b>36.2%</b>				Female <b>36.7%</b>			
Male <b>63.8%</b>				Male <b>63.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>8.8%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>5.9%</b>				Hispanic <b>4.5%</b>			
White <b>84.2%</b>				White <b>88.7%</b>			
Other <b>1.1%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.8%</b>	<b>1.4%</b>	<b>7.4%</b>	AA/Black	<b>8.8%</b>	<b>14.4%</b>	<b>-5.6%</b>
Hispanic	<b>5.9%</b>	<b>8.6%</b>	<b>-2.7%</b>	Hispanic	<b>5.9%</b>	<b>14.5%</b>	<b>-8.6%</b>
White	<b>84.2%</b>	<b>87.3%</b>	<b>-3.1%</b>	White	<b>84.2%</b>	<b>66.4%</b>	<b>17.8%</b>
Other	<b>1.1%</b>	<b>3.8%</b>	<b>-2.7%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	106	<b>12.1%</b>	<b>18.4%</b>	NW	43	<b>9.4%</b>	<b>13.7%</b>
White	595	<b>87.9%</b>	<b>81.6%</b>	White	348	<b>90.6%</b>	<b>86.3%</b>
Chi-square, X-tab <sup>6</sup> : .020* sig.				Chi-square, X-tab <sup>6</sup> : .188 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .592* sig.				Odds ratio Exp(B) <sup>7</sup> : .769 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.6%</b>	<b>7.1%</b>	<b>29.4%</b>	<b>5.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>35.6%</b>	<b>22.0%</b>	<b>28.8%</b>	<b>13.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>63.7%</b>	<b>14.8%</b>	<b>15.8%</b>	<b>5.7%</b>			
Other	<b>70.0%</b>	<b>20.0%</b>	<b>10.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LUNENBERG POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,850</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.8%</b>	Citations per 1000	
	Passing through:	<b>77.2%</b>	18 + residents:	<b>204.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,786)				ITP Stops <sup>3</sup> (N = 559)			
Mean age				Mean age			
<b>37.37</b>				<b>37.5</b>			
Gender %				Gender %			
Female <b>41.5%</b>				Female <b>39.3%</b>			
Male <b>58.5%</b>				Male <b>60.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>6.9%</b>			
Hispanic <b>14.6%</b>				Hispanic <b>14.6%</b>			
White <b>76.8%</b>				White <b>76.6%</b>			
Other <b>1.8%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>1.7%</b>	<b>5.1%</b>	AA/Black	<b>6.8%</b>	<b>14.4%</b>	<b>-7.6%</b>
Hispanic	<b>14.6%</b>	<b>5.9%</b>	<b>8.7%</b>	Hispanic	<b>14.6%</b>	<b>14.5%</b>	<b>0.1%</b>
White	<b>76.8%</b>	<b>88.4%</b>	<b>-11.6%</b>	White	<b>76.8%</b>	<b>66.4%</b>	<b>10.4%</b>
Other	<b>1.8%</b>	<b>4.0%</b>	<b>-2.2%</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	378	<b>19.2%</b>	<b>32.3%</b>	NW	106	<b>18.2%</b>	<b>31.0%</b>
White	1,255	<b>80.8%</b>	<b>67.7%</b>	White	353	<b>81.8%</b>	<b>69.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .002* sig.			
Odds ratio Exp(B) <sup>7</sup> : .511* sig.				Odds ratio Exp(B) <sup>7</sup> : .496* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.2%</b>	<b>5.7%</b>	<b>17.9%</b>	<b>3.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>69.9%</b>	<b>8.3%</b>	<b>18.0%</b>	<b>3.8%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>83.5%</b>	<b>6.5%</b>	<b>8.2%</b>	<b>1.8%</b>			
Other	<b>84.8%</b>	<b>6.1%</b>	<b>9.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LYNN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,822</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>60.7%</b>	Citations per 1000	
	Passing through:	<b>39.3%</b>	18 + residents:	<b>53.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,256)				ITP Stops <sup>3</sup> (N = 868)			
Mean age				Mean age			
<b>36.92</b>				<b>35.44</b>			
Gender %				Gender %			
Female <b>34.2%</b>				Female <b>31.8%</b>			
Male <b>65.6%</b>				Male <b>68.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.8%</b>				Race % Mis/Unk <sup>4</sup> <b>5.6%</b>			
AA/Black <b>13.4%</b>				AA/Black <b>12.7%</b>			
Hispanic <b>42.1%</b>				Hispanic <b>44.4%</b>			
White <b>40.9%</b>				White <b>39.3%</b>			
Other <b>3.6%</b>				Other <b>3.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.4%</b>	<b>13.7%</b>	<b>-0.3%</b>	AA/Black	<b>13.4%</b>	<b>14.4%</b>	<b>-1.0%</b>
Hispanic	<b>42.1%</b>	<b>42.8%</b>	<b>-0.7%</b>	Hispanic	<b>42.1%</b>	<b>14.5%</b>	<b>27.6%</b>
White	<b>40.9%</b>	<b>35.9%</b>	<b>5.0%</b>	White	<b>40.9%</b>	<b>66.4%</b>	<b>-25.5%</b>
Other	<b>3.6%</b>	<b>14.4%</b>	<b>-10.8%</b>	Other	<b>3.6%</b>	<b>4.6%</b>	<b>-1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,601	<b>58.1%</b>	<b>62.8%</b>	NW	447	<b>57.5%</b>	<b>62.5%</b>
White	1,096	<b>41.9%</b>	<b>37.2%</b>	White	298	<b>42.5%</b>	<b>37.5%</b>
Chi-square, X-tab <sup>6</sup> :		.025*	sig.	Chi-square, X-tab <sup>6</sup> :		.160	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.863	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.630	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.5%</b>	<b>22.1%</b>	<b>21.6%</b>	<b>3.8%</b>	NW	<b>31</b>	<b>N/A</b>
Hispanic	<b>35.6%</b>	<b>26.1%</b>	<b>33.6%</b>	<b>4.7%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>54.5%</b>	<b>24.8%</b>	<b>18.3%</b>	<b>2.4%</b>			
Other	<b>51.3%</b>	<b>34.2%</b>	<b>12.0%</b>	<b>2.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LYNNFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>145</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>24.0%</b>	Citations per 1000				
	Passing through:		<b>76.0%</b>	18 + residents: <b>14.8</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 130)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>34.77</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>41.3%</b>				Female <b>N/A</b>				
Male <b>58.7%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>8.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>6.7%</b>				AA/Black <b>N/A</b>				
Hispanic <b>16.0%</b>				Hispanic <b>N/A</b>				
White <b>75.6%</b>			White <b>N/A</b>					
Other <b>1.7%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>6.7%</b>	<b>1.2%</b>	<b>N/A</b>		AA/Black	<b>6.7%</b>	<b>14.4%</b>	<b>-7.7%</b>
Hispanic	<b>16.0%</b>	<b>2.4%</b>	<b>N/A</b>		Hispanic	<b>16.0%</b>	<b>14.5%</b>	<b>1.5%</b>
White	<b>75.6%</b>	<b>90.7%</b>	<b>N/A</b>		White	<b>75.6%</b>	<b>66.4%</b>	<b>9.2%</b>
Other	<b>1.7%</b>	<b>6.3%</b>	<b>N/A</b>		Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	26	<b>23.9%</b>	<b>29.0%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	76	<b>76.1%</b>	<b>71.0%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.588	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.899	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>44.4%</b>	<b>22.2%</b>	<b>22.2%</b>	<b>11.1%</b>	NW	<b>1</b>	<b>N/A</b>	
Hispanic	<b>38.1%</b>	<b>38.1%</b>	<b>23.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>48.5%</b>	<b>35.4%</b>	<b>11.1%</b>	<b>5.1%</b>				
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.764		not sig.		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MALDEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>460</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.6%</b>	Citations per 1000	
	Passing through:	<b>64.4%</b>	18 + residents:	<b>9.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 351)				ITP Stops <sup>3</sup> (N = 79)			
Mean age				Mean age			
<b>36.96</b>				<b>37.4</b>			
Gender %				Gender %			
Female <b>28.6%</b>				Female <b>25.6%</b>			
Male <b>71.4%</b>				Male <b>74.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.5%</b>				Race % Mis/Unk <sup>4</sup> <b>5.1%</b>			
AA/Black <b>24.6%</b>				AA/Black <b>24.0%</b>			
Hispanic <b>6.9%</b>				Hispanic <b>4.0%</b>			
White <b>59.2%</b>				White <b>66.7%</b>			
Other <b>9.3%</b>				Other <b>5.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>24.6%</b>	<b>18.5%</b>	<b>6.1%</b>	AA/Black	<b>24.6%</b>	<b>14.4%</b>	<b>10.2%</b>
Hispanic	<b>6.9%</b>	<b>8.5%</b>	<b>-1.6%</b>	Hispanic	<b>6.9%</b>	<b>14.5%</b>	<b>-7.6%</b>
White	<b>59.2%</b>	<b>47.0%</b>	<b>12.2%</b>	White	<b>59.2%</b>	<b>66.4%</b>	<b>-7.2%</b>
Other	<b>9.3%</b>	<b>25.7%</b>	<b>-16.4%</b>	Other	<b>9.3%</b>	<b>4.6%</b>	<b>4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	120	<b>41.4%</b>	<b>38.0%</b>	NW	25	<b>30.2%</b>	<b>40.0%</b>
White	174	<b>58.6%</b>	<b>62.0%</b>	White	48	<b>69.8%</b>	<b>60.0%</b>
Chi-square, X-tab <sup>6</sup> : .656 not sig.				Chi-square, X-tab <sup>6</sup> : .387 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.283 not sig.				Odds ratio Exp(B) <sup>7</sup> : .773 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>44.2%</b>	<b>29.5%</b>	<b>24.2%</b>	<b>2.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>46.4%</b>	<b>17.9%</b>	<b>35.7%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>45.9%</b>	<b>24.2%</b>	<b>27.9%</b>	<b>2.0%</b>			
Other	<b>61.3%</b>	<b>29.0%</b>	<b>9.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .441 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MANCHESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>450</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.8%</b>	Citations per 1000	
	Passing through:	<b>76.2%</b>	18 + residents:	<b>107</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 446)				ITP Stops <sup>3</sup> (N = 150)			
Mean age				Mean age			
<b>40.86</b>				<b>39.62</b>			
Gender %				Gender %			
Female <b>39.9%</b>				Female <b>36.9%</b>			
Male <b>60.1%</b>				Male <b>63.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>6.0%</b>			
AA/Black <b>1.9%</b>				AA/Black <b>2.8%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>9.9%</b>			
White <b>88.5%</b>				White <b>85.1%</b>			
Other <b>3.1%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.9%</b>	<b>0.0%</b>	<b>1.9%</b>	AA/Black	<b>1.9%</b>	<b>14.4%</b>	<b>-12.5%</b>
Hispanic	<b>6.6%</b>	<b>1.5%</b>	<b>5.1%</b>	Hispanic	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
White	<b>88.5%</b>	<b>97.1%</b>	<b>-8.6%</b>	White	<b>88.5%</b>	<b>66.4%</b>	<b>22.1%</b>
Other	<b>3.1%</b>	<b>1.3%</b>	<b>1.8%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>10.6%</b>	<b>13.4%</b>	NW	20	<b>16.4%</b>	<b>14.5%</b>
White	365	<b>89.4%</b>	<b>86.6%</b>	White	110	<b>83.6%</b>	<b>85.5%</b>
Chi-square, X-tab <sup>6</sup> : .391 not sig.				Chi-square, X-tab <sup>6</sup> : .764 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .730 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.053 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>12.5%</b>	<b>37.5%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>14.3%</b>	<b>32.1%</b>	<b>3.6%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>85.3%</b>	<b>5.5%</b>	<b>4.5%</b>	<b>4.7%</b>			
Other	<b>84.6%</b>	<b>15.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MANSFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,715</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.4%</b>	Citations per 1000	
	Passing through:	<b>67.6%</b>	18 + residents:	<b>143.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,624)				ITP Stops <sup>3</sup> (N = 871)			
Mean age				Mean age			
<b>40.3</b>				<b>38.79</b>			
Gender %				Gender %			
Female <b>42.9%</b>				Female <b>39.2%</b>			
Male <b>57.1%</b>				Male <b>60.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>10.1%</b>				AA/Black <b>8.4%</b>			
Hispanic <b>4.6%</b>				Hispanic <b>4.4%</b>			
White <b>79.7%</b>				White <b>81.7%</b>			
Other <b>5.7%</b>				Other <b>5.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.1%</b>	<b>2.3%</b>	<b>7.8%</b>	AA/Black	<b>10.1%</b>	<b>14.4%</b>	<b>-4.3%</b>
Hispanic	<b>4.6%</b>	<b>4.1%</b>	<b>0.5%</b>	Hispanic	<b>4.6%</b>	<b>14.5%</b>	<b>-9.9%</b>
White	<b>79.7%</b>	<b>86.4%</b>	<b>-6.7%</b>	White	<b>79.7%</b>	<b>66.4%</b>	<b>13.3%</b>
Other	<b>5.7%</b>	<b>7.5%</b>	<b>-1.8%</b>	Other	<b>5.7%</b>	<b>4.6%</b>	<b>1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	512	<b>18.2%</b>	<b>29.8%</b>	NW	144	<b>19.4%</b>	<b>18.7%</b>
White	1,959	<b>81.8%</b>	<b>70.2%</b>	White	607	<b>80.6%</b>	<b>81.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .825 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .534* sig.				Odds ratio Exp(B) <sup>7</sup> : .634 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.5%</b>	<b>5.5%</b>	<b>13.2%</b>	<b>0.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>80.0%</b>	<b>4.0%</b>	<b>13.6%</b>	<b>2.4%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>92.8%</b>	<b>2.0%</b>	<b>3.7%</b>	<b>1.5%</b>			
Other	<b>94.0%</b>	<b>4.0%</b>	<b>1.3%</b>	<b>0.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MARBLEHEAD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>134</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>56.4%</b>	Citations per 1000						
	Passing through:		<b>43.6%</b>	18 + residents: <b>8.5</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 94)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>34.23</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>23.7%</b>				Female <b>N/A</b>						
Male <b>76.3%</b>				Male <b>N/A</b>						
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>2.2%</b>				AA/Black <b>N/A</b>						
Hispanic <b>6.6%</b>				Hispanic <b>N/A</b>						
White <b>91.2%</b>			White <b>N/A</b>							
Other <b>0.0%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>2.2%</b>	<b>1.6%</b>	<b>0.6%</b>		AA/Black	<b>2.2%</b>	<b>14.4%</b>	<b>-12.2%</b>		
Hispanic	<b>6.6%</b>	<b>5.0%</b>	<b>1.6%</b>		Hispanic	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>		
White	<b>91.2%</b>	<b>91.1%</b>	<b>0.1%</b>		White	<b>91.2%</b>	<b>66.4%</b>	<b>24.8%</b>		
Other	<b>0.0%</b>	<b>2.3%</b>	<b>-2.3%</b>		Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>0.0%</b>	<b>25.0%</b>	<b>75.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>			
Hispanic	<b>0.0%</b>	<b>42.9%</b>	<b>28.6%</b>	<b>28.6%</b>	White	<b>1</b>	<b>N/A</b>			
White	<b>20.0%</b>	<b>31.3%</b>	<b>42.6%</b>	<b>6.1%</b>						
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> : .185				not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MARION POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>277</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>14.4%</b>	Citations per 1000				
	Passing through:		<b>85.6%</b>	18 + residents: <b>68.6</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 264)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>35.32</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>40.0%</b>				Female <b>N/A</b>				
Male <b>60.0%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>6.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>14.6%</b>				AA/Black <b>N/A</b>				
Hispanic <b>1.6%</b>				Hispanic <b>N/A</b>				
White <b>83.7%</b>			White <b>N/A</b>					
Other <b>0.0%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>14.6%</b>	<b>1.4%</b>	<b>N/A</b>		AA/Black	<b>14.6%</b>	<b>14.4%</b>	<b>0.2%</b>
Hispanic	<b>1.6%</b>	<b>4.4%</b>	<b>N/A</b>		Hispanic	<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>
White	<b>83.7%</b>	<b>84.7%</b>	<b>N/A</b>		White	<b>83.7%</b>	<b>66.4%</b>	<b>17.3%</b>
Other	<b>0.0%</b>	<b>5.3%</b>	<b>N/A</b>		Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	35	<b>14.6%</b>	<b>18.8%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	186	<b>85.4%</b>	<b>81.3%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.449	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.777	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>40.0%</b>	<b>10.0%</b>	<b>47.5%</b>	<b>2.5%</b>	NW	<b>4</b>	<b>N/A</b>	
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>50.0%</b>	White	<b>2</b>	<b>N/A</b>	
White	<b>67.8%</b>	<b>8.4%</b>	<b>21.5%</b>	<b>2.3%</b>				
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .000* sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MARLBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,055</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>46.8%</b>	Citations per 1000	
	Passing through:	<b>53.2%</b>	18 + residents:	<b>65.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,704)				ITP Stops <sup>3</sup> (N = 610)			
Mean age				Mean age			
<b>37.09</b>				<b>37.52</b>			
Gender %				Gender %			
Female <b>34.2%</b>				Female <b>30.1%</b>			
Male <b>65.7%</b>				Male <b>69.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>7.4%</b>				AA/Black <b>6.2%</b>			
Hispanic <b>14.9%</b>				Hispanic <b>16.5%</b>			
White <b>74.6%</b>				White <b>73.2%</b>			
Other <b>3.1%</b>				Other <b>4.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.4%</b>	<b>3.8%</b>	<b>3.6%</b>	AA/Black	<b>7.4%</b>	<b>14.4%</b>	<b>-7.0%</b>
Hispanic	<b>14.9%</b>	<b>15.1%</b>	<b>-0.2%</b>	Hispanic	<b>14.9%</b>	<b>14.5%</b>	<b>0.4%</b>
White	<b>74.6%</b>	<b>69.2%</b>	<b>5.4%</b>	White	<b>74.6%</b>	<b>66.4%</b>	<b>8.2%</b>
Other	<b>3.1%</b>	<b>9.8%</b>	<b>-6.7%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	397	<b>26.0%</b>	<b>26.0%</b>	NW	144	<b>29.4%</b>	<b>24.7%</b>
White	1,131	<b>74.0%</b>	<b>74.0%</b>	White	381	<b>70.6%</b>	<b>75.3%</b>
Chi-square, X-tab <sup>6</sup> : .989 not sig.				Chi-square, X-tab <sup>6</sup> : .229 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.004 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.029 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>49.6%</b>	<b>19.1%</b>	<b>26.2%</b>	<b>5.0%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>39.1%</b>	<b>18.3%</b>	<b>33.7%</b>	<b>9.0%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>53.3%</b>	<b>22.4%</b>	<b>21.2%</b>	<b>3.0%</b>			
Other	<b>69.0%</b>	<b>24.1%</b>	<b>5.2%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MARSHFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>279</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>47.6%</b>	Citations per 1000						
	Passing through:		<b>52.4%</b>	18 + residents: <b>10.7</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 246)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>36.71</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>28.6%</b>				Female <b>N/A</b>						
Male <b>71.4%</b>				Male <b>N/A</b>						
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>5.0%</b>				AA/Black <b>N/A</b>						
Hispanic <b>1.3%</b>				Hispanic <b>N/A</b>						
White <b>93.7%</b>			White <b>N/A</b>							
Other <b>0.0%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>5.0%</b>	<b>0.6%</b>	<b>4.4%</b>		AA/Black	<b>5.0%</b>	<b>14.4%</b>	<b>-9.4%</b>		
Hispanic	<b>1.3%</b>	<b>2.1%</b>	<b>-0.8%</b>		Hispanic	<b>1.3%</b>	<b>14.5%</b>	<b>-13.2%</b>		
White	<b>93.7%</b>	<b>96.3%</b>	<b>-2.6%</b>		White	<b>93.7%</b>	<b>66.4%</b>	<b>27.3%</b>		
Other	<b>0.0%</b>	<b>1.6%</b>	<b>-1.6%</b>		Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>6.3%</b>	<b>12.5%</b>	<b>50.0%</b>	<b>31.3%</b>	NW	<b>1</b>	<b>N/A</b>			
Hispanic	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>			
White	<b>33.9%</b>	<b>25.0%</b>	<b>34.3%</b>	<b>6.9%</b>						
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				<b>.005* sig.</b>						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASHPEE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>432</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>25.1%</b>	Citations per 1000				
	Passing through:		<b>74.9%</b>	18 + residents: <b>36.1</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 383)				ITP Stops <sup>3</sup> (N = 132)				
Mean age				Mean age				
<b>37.43</b>				<b>36.68</b>				
Gender %				Gender %				
Female <b>30.2%</b>				Female <b>31.1%</b>				
Male <b>69.8%</b>				Male <b>68.9%</b>				
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				
AA/Black <b>11.0%</b>				AA/Black <b>6.2%</b>				
Hispanic <b>3.8%</b>				Hispanic <b>0.8%</b>				
White <b>84.2%</b>			White <b>91.5%</b>					
Other <b>1.1%</b>			Other <b>1.5%</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>11.0%</b>	<b>3.2%</b>	<b>7.8%</b>		AA/Black	<b>11.0%</b>	<b>14.4%</b>	<b>-3.4%</b>
Hispanic	<b>3.8%</b>	<b>0.6%</b>	<b>3.2%</b>		Hispanic	<b>3.8%</b>	<b>14.5%</b>	<b>-10.7%</b>
White	<b>84.2%</b>	<b>85.7%</b>	<b>-1.5%</b>		White	<b>84.2%</b>	<b>66.4%</b>	<b>17.8%</b>
Other	<b>1.1%</b>	<b>9.6%</b>	<b>-8.5%</b>		Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	55	<b>17.9%</b>	<b>12.9%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	284	<b>82.1%</b>	<b>87.1%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.236	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.477	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>14.0%</b>	<b>16.0%</b>	<b>60.0%</b>	<b>10.0%</b>	NW	<b>1</b>	<b>N/A</b>	
Hispanic	<b>17.6%</b>	<b>11.8%</b>	<b>58.8%</b>	<b>11.8%</b>	White	<b>7</b>	<b>N/A</b>	
White	<b>24.8%</b>	<b>22.2%</b>	<b>42.5%</b>	<b>10.5%</b>				
Other	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.374		not sig.		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MATTAPOISETT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,004</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.5%</b>	Citations per 1000	
	Passing through:	<b>75.5%</b>	18 + residents:	<b>183.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 970)				ITP Stops <sup>3</sup> (N = 439)			
Mean age				Mean age			
<b>37.08</b>				<b>36.88</b>			
Gender %				Gender %			
Female <b>41.5%</b>				Female <b>37.4%</b>			
Male <b>58.4%</b>				Male <b>62.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>6.3%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>3.4%</b>				Hispanic <b>3.3%</b>			
White <b>90.1%</b>				White <b>91.0%</b>			
Other <b>0.2%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.3%</b>	<b>0.0%</b>	<b>6.3%</b>	AA/Black	<b>6.3%</b>	<b>14.4%</b>	<b>-8.1%</b>
Hispanic	<b>3.4%</b>	<b>2.4%</b>	<b>1.0%</b>	Hispanic	<b>3.4%</b>	<b>14.5%</b>	<b>-11.1%</b>
White	<b>90.1%</b>	<b>95.2%</b>	<b>-5.1%</b>	White	<b>90.1%</b>	<b>66.4%</b>	<b>23.7%</b>
Other	<b>0.2%</b>	<b>1.5%</b>	<b>-1.3%</b>	Other	<b>0.2%</b>	<b>4.6%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	89	<b>9.3%</b>	<b>11.0%</b>	NW	33	<b>8.9%</b>	<b>8.8%</b>
White	811	<b>90.7%</b>	<b>89.0%</b>	White	339	<b>91.1%</b>	<b>91.2%</b>
Chi-square, X-tab <sup>6</sup> :		.432	not sig.	Chi-square, X-tab <sup>6</sup> :		.973	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.586	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.158	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.1%</b>	<b>7.7%</b>	<b>21.5%</b>	<b>7.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>55.9%</b>	<b>8.8%</b>	<b>26.5%</b>	<b>8.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.6%</b>	<b>4.4%</b>	<b>7.7%</b>	<b>3.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000* sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MAYNARD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>752</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.5%</b>	Citations per 1000	
	Passing through:	<b>78.5%</b>	18 + residents:	<b>84.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 730)				ITP Stops <sup>3</sup> (N = 266)			
Mean age				Mean age			
<b>37.91</b>				<b>37.67</b>			
Gender %				Gender %			
Female <b>35.5%</b>				Female <b>34.2%</b>			
Male <b>64.4%</b>				Male <b>65.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.3%</b>			
AA/Black <b>6.1%</b>				AA/Black <b>5.0%</b>			
Hispanic <b>3.5%</b>				Hispanic <b>4.6%</b>			
White <b>87.4%</b>				White <b>86.5%</b>			
Other <b>0.0%</b>				Other <b>3.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.1%</b>	<b>1.3%</b>	<b>4.8%</b>	AA/Black	<b>6.1%</b>	<b>14.4%</b>	<b>-8.3%</b>
Hispanic	<b>3.5%</b>	<b>3.4%</b>	<b>0.1%</b>	Hispanic	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
White	<b>87.4%</b>	<b>91.9%</b>	<b>-4.5%</b>	White	<b>87.4%</b>	<b>66.4%</b>	<b>21.0%</b>
Other	<b>0.0%</b>	<b>3.4%</b>	<b>-3.4%</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	79	<b>9.4%</b>	<b>17.4%</b>	NW	30	<b>8.0%</b>	<b>16.4%</b>
White	575	<b>90.6%</b>	<b>82.6%</b>	White	211	<b>92.0%</b>	<b>83.6%</b>
Chi-square, X-tab <sup>6</sup> : .003* sig.				Chi-square, X-tab <sup>6</sup> : .048* sig.			
Odds ratio Exp(B) <sup>7</sup> : .516* sig.				Odds ratio Exp(B) <sup>7</sup> : .349* sig.			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.4%</b>	<b>11.4%</b>	<b>25.0%</b>	<b>2.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>38.5%</b>	<b>19.2%</b>	<b>30.8%</b>	<b>11.5%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>60.1%</b>	<b>22.0%</b>	<b>16.2%</b>	<b>1.7%</b>			
Other	<b>81.0%</b>	<b>4.8%</b>	<b>14.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .003* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MEDFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>594</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.8%</b>	Citations per 1000	
	Passing through:	<b>72.2%</b>	18 + residents:	<b>65.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 577)				ITP Stops <sup>3</sup> (N = 278)			
Mean age				Mean age			
<b>40.36</b>				<b>28.97</b>			
Gender %				Gender %			
Female <b>44.5%</b>				Female <b>42.0%</b>			
Male <b>55.5%</b>				Male <b>58.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>4.0%</b>			
AA/Black <b>3.6%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>1.3%</b>				Hispanic <b>1.1%</b>			
White <b>93.3%</b>				White <b>92.1%</b>			
Other <b>1.8%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.6%</b>	<b>0.9%</b>	<b>2.7%</b>	AA/Black	<b>3.6%</b>	<b>14.4%</b>	<b>-10.8%</b>
Hispanic	<b>1.3%</b>	<b>2.0%</b>	<b>-0.7%</b>	Hispanic	<b>1.3%</b>	<b>14.5%</b>	<b>-13.2%</b>
White	<b>93.3%</b>	<b>91.1%</b>	<b>2.2%</b>	White	<b>93.3%</b>	<b>66.4%</b>	<b>26.9%</b>
Other	<b>1.8%</b>	<b>6.1%</b>	<b>-4.3%</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	<b>5.6%</b>	<b>8.4%</b>	NW	20	<b>6.7%</b>	<b>9.6%</b>
White	483	<b>94.4%</b>	<b>91.6%</b>	White	230	<b>93.3%</b>	<b>90.4%</b>
Chi-square, X-tab <sup>6</sup> :		.219	not sig.	Chi-square, X-tab <sup>6</sup> :		.400	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.764	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.798	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>19.0%</b>	<b>4.8%</b>	<b>9.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>71.4%</b>	<b>0.0%</b>	<b>14.3%</b>	<b>14.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>75.2%</b>	<b>17.7%</b>	<b>6.0%</b>	<b>1.1%</b>			
Other	<b>70.0%</b>	<b>30.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.017*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MEDFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>710</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.5%</b>	Citations per 1000	
	Passing through:	<b>64.5%</b>	18 + residents:	<b>14.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 641)				ITP Stops <sup>3</sup> (N = 255)			
Mean age				Mean age			
<b>39.5</b>				<b>39.66</b>			
Gender %				Gender %			
Female <b>33.9%</b>				Female <b>30.4%</b>			
Male <b>66.0%</b>				Male <b>69.2%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.5%</b>			
AA/Black <b>14.4%</b>				AA/Black <b>14.6%</b>			
Hispanic <b>9.3%</b>				Hispanic <b>12.2%</b>			
White <b>68.7%</b>				White <b>67.0%</b>			
Other <b>7.5%</b>				Other <b>6.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.4%</b>	<b>9.2%</b>	<b>5.2%</b>	AA/Black	<b>14.4%</b>	<b>14.4%</b>	<b>0.0%</b>
Hispanic	<b>9.3%</b>	<b>0.5%</b>	<b>8.8%</b>	Hispanic	<b>9.3%</b>	<b>14.5%</b>	<b>-5.2%</b>
White	<b>68.7%</b>	<b>71.1%</b>	<b>-2.4%</b>	White	<b>68.7%</b>	<b>66.4%</b>	<b>2.3%</b>
Other	<b>7.5%</b>	<b>14.3%</b>	<b>-6.8%</b>	Other	<b>7.5%</b>	<b>4.6%</b>	<b>2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	167	<b>26.4%</b>	<b>40.4%</b>	NW	70	<b>29.2%</b>	<b>37.0%</b>
White	374	<b>73.6%</b>	<b>59.6%</b>	White	148	<b>70.8%</b>	<b>63.0%</b>
Chi-square, X-tab <sup>6</sup> : .001* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .231 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .497* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .497 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.6%</b>	<b>19.2%</b>	<b>16.2%</b>	<b>3.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>46.2%</b>	<b>18.5%</b>	<b>33.8%</b>	<b>1.5%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>54.6%</b>	<b>30.2%</b>	<b>12.7%</b>	<b>2.4%</b>			
Other	<b>60.0%</b>	<b>32.0%</b>	<b>8.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MEDWAY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,720</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.8%</b>	Citations per 1000	
	Passing through:	<b>74.2%</b>	18 + residents:	<b>169.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,689)				ITP Stops <sup>3</sup> (N = 402)			
Mean age				Mean age			
<b>42.29</b>				<b>39.6</b>			
Gender %				Gender %			
Female <b>46.7%</b>				Female <b>40.4%</b>			
Male <b>53.3%</b>				Male <b>59.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>2.1%</b>				AA/Black <b>2.2%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>6.7%</b>			
White <b>89.7%</b>				White <b>87.8%</b>			
Other <b>3.2%</b>				Other <b>3.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.1%</b>	<b>2.8%</b>	<b>-0.7%</b>	AA/Black	<b>2.1%</b>	<b>14.4%</b>	<b>-12.3%</b>
Hispanic	<b>5.0%</b>	<b>2.6%</b>	<b>2.4%</b>	Hispanic	<b>5.0%</b>	<b>14.5%</b>	<b>-9.5%</b>
White	<b>89.7%</b>	<b>90.0%</b>	<b>-0.3%</b>	White	<b>89.7%</b>	<b>66.4%</b>	<b>23.3%</b>
Other	<b>3.2%</b>	<b>6.1%</b>	<b>-2.9%</b>	Other	<b>3.2%</b>	<b>4.6%</b>	<b>-1.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	165	<b>9.8%</b>	<b>13.7%</b>	NW	41	<b>11.2%</b>	<b>12.9%</b>
White	1,470	<b>90.2%</b>	<b>86.3%</b>	White	312	<b>88.8%</b>	<b>87.1%</b>
Chi-square, X-tab <sup>6</sup> :		.148	not sig.	Chi-square, X-tab <sup>6</sup> :		.661	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.673	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.834	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>91.4%</b>	<b>2.9%</b>	<b>5.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>74.7%</b>	<b>4.6%</b>	<b>18.4%</b>	<b>2.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>93.9%</b>	<b>2.2%</b>	<b>3.4%</b>	<b>0.4%</b>			
Other	<b>94.4%</b>	<b>1.9%</b>	<b>3.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MELROSE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>265</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>18.7%</b>	Citations per 1000				
	Passing through:		<b>81.3%</b>	18 + residents: <b>11.1</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 219)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>39.11</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>38.8%</b>				Female <b>N/A</b>				
Male <b>61.2%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>12.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>7.8%</b>				AA/Black <b>N/A</b>				
Hispanic <b>4.2%</b>				Hispanic <b>N/A</b>				
White <b>83.3%</b>			White <b>N/A</b>					
Other <b>4.7%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>7.8%</b>	<b>3.4%</b>	<b>N/A</b>		AA/Black	<b>7.8%</b>	<b>14.4%</b>	<b>-6.6%</b>
Hispanic	<b>4.2%</b>	<b>3.5%</b>	<b>N/A</b>		Hispanic	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
White	<b>83.3%</b>	<b>80.8%</b>	<b>N/A</b>		White	<b>83.3%</b>	<b>66.4%</b>	<b>16.9%</b>
Other	<b>4.7%</b>	<b>12.8%</b>	<b>N/A</b>		Other	<b>4.7%</b>	<b>4.6%</b>	<b>0.1%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	30	<b>17.1%</b>	<b>15.7%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	150	<b>82.9%</b>	<b>84.3%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.824	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.920	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>61.9%</b>	<b>4.8%</b>	<b>28.6%</b>	<b>4.8%</b>	NW	<b>1</b>	<b>N/A</b>	
Hispanic	<b>33.3%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>	
White	<b>68.6%</b>	<b>14.1%</b>	<b>16.2%</b>	<b>1.0%</b>				
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.003* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MENDON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>411</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.2%</b>	Citations per 1000	
	Passing through:	<b>86.8%</b>	18 + residents:	<b>86.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 381)				ITP Stops <sup>3</sup> (N = 149)			
Mean age				Mean age			
<b>35.46</b>				<b>35.48</b>			
Gender %				Gender %			
Female <b>33.2%</b>				Female <b>30.6%</b>			
Male <b>66.8%</b>				Male <b>69.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>			
AA/Black <b>5.1%</b>				AA/Black <b>6.9%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>6.9%</b>			
White <b>86.8%</b>				White <b>86.2%</b>			
Other <b>0.5%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.1%</b>	<b>0.1%</b>	<b>5.0%</b>	AA/Black	<b>5.1%</b>	<b>14.4%</b>	<b>-9.3%</b>
Hispanic	<b>7.5%</b>	<b>2.3%</b>	<b>5.2%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>86.8%</b>	<b>92.3%</b>	<b>-5.5%</b>	White	<b>86.8%</b>	<b>66.4%</b>	<b>20.4%</b>
Other	<b>0.5%</b>	<b>5.3%</b>	<b>-4.8%</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>12.6%</b>	<b>16.7%</b>	NW	19	<b>10.8%</b>	<b>29.6%</b>
White	306	<b>87.4%</b>	<b>83.3%</b>	White	110	<b>89.2%</b>	<b>70.4%</b>
Chi-square, X-tab <sup>6</sup> : .341 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .014* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .862 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .755 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.6%</b>	<b>21.1%</b>	<b>26.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>35.3%</b>	<b>17.6%</b>	<b>44.1%</b>	<b>2.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>63.9%</b>	<b>18.5%</b>	<b>15.9%</b>	<b>1.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .017* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MERRIMAC POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>372</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>26.3%</b>	Citations per 1000				
	Passing through:		<b>73.7%</b>	18 + residents: <b>69</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 366)				ITP Stops <sup>3</sup> (N = 140)				
Mean age				Mean age				
<b>40.15</b>				<b>40.04</b>				
Gender %				Gender %				
Female <b>45.2%</b>				Female <b>48.6%</b>				
Male <b>54.5%</b>				Male <b>51.4%</b>				
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				
AA/Black <b>3.4%</b>				AA/Black <b>3.6%</b>				
Hispanic <b>6.7%</b>				Hispanic <b>5.1%</b>				
White <b>89.1%</b>			White <b>90.6%</b>					
Other <b>0.8%</b>			Other <b>0.7%</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>3.4%</b>	<b>0.0%</b>	<b>3.4%</b>		AA/Black	<b>3.4%</b>	<b>14.4%</b>	<b>-11.0%</b>
Hispanic	<b>6.7%</b>	<b>1.4%</b>	<b>5.3%</b>		Hispanic	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
White	<b>89.1%</b>	<b>92.4%</b>	<b>-3.3%</b>		White	<b>89.1%</b>	<b>66.4%</b>	<b>22.7%</b>
Other	<b>0.8%</b>	<b>6.2%</b>	<b>-5.4%</b>		Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	35	<b>10.5%</b>	<b>11.0%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	291	<b>89.5%</b>	<b>89.0%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.867	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.079	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>91.7%</b>	<b>0.0%</b>	<b>8.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>58.3%</b>	<b>16.7%</b>	<b>20.8%</b>	<b>4.2%</b>	White	<b>3</b>	<b>N/A</b>	
White	<b>84.9%</b>	<b>4.6%</b>	<b>9.0%</b>	<b>1.5%</b>				
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :		.127	not sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### METHUEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,762</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.7%</b>	Citations per 1000	
	Passing through:	<b>71.3%</b>	18 + residents:	<b>43.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,554)				ITP Stops <sup>3</sup> (N = 800)			
Mean age				Mean age			
<b>35.32</b>				<b>34.74</b>			
Gender %				Gender %			
Female <b>35.0%</b>				Female <b>32.2%</b>			
Male <b>65.0%</b>				Male <b>67.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>22.8%</b>				Race % Mis/Unk <sup>4</sup> <b>31.4%</b>			
AA/Black <b>3.4%</b>				AA/Black <b>3.3%</b>			
Hispanic <b>52.4%</b>				Hispanic <b>48.5%</b>			
White <b>42.8%</b>				White <b>46.6%</b>			
Other <b>1.4%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.4%</b>	<b>4.3%</b>	<b>-0.9%</b>	AA/Black	<b>3.4%</b>	<b>14.4%</b>	<b>-11.0%</b>
Hispanic	<b>52.4%</b>	<b>29.5%</b>	<b>22.9%</b>	Hispanic	<b>52.4%</b>	<b>14.5%</b>	<b>37.9%</b>
White	<b>42.8%</b>	<b>60.9%</b>	<b>-18.1%</b>	White	<b>42.8%</b>	<b>66.4%</b>	<b>-23.6%</b>
Other	<b>1.4%</b>	<b>8.3%</b>	<b>-6.9%</b>	Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	647	<b>56.1%</b>	<b>61.7%</b>	NW	263	<b>52.7%</b>	<b>56.6%</b>
White	471	<b>43.9%</b>	<b>38.3%</b>	White	223	<b>47.3%</b>	<b>43.4%</b>
Chi-square, X-tab <sup>6</sup> :		.080	not sig.	Chi-square, X-tab <sup>6</sup> :		.405	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.778	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.902	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.0%</b>	<b>10.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>55.0%</b>	<b>33.9%</b>	<b>9.5%</b>	<b>1.6%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>71.1%</b>	<b>20.2%</b>	<b>7.0%</b>	<b>1.7%</b>			
Other	<b>63.2%</b>	<b>26.3%</b>	<b>10.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MIDDLEBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>462</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.2%</b>	Citations per 1000	
	Passing through:	<b>65.8%</b>	18 + residents:	<b>22.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 326)				ITP Stops <sup>3</sup> (N = 92)			
Mean age				Mean age			
<b>36.02</b>				<b>34.68</b>			
Gender %				Gender %			
Female <b>29.0%</b>				Female <b>24.4%</b>			
Male <b>71.0%</b>				Male <b>75.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>10.0%</b>				AA/Black <b>14.4%</b>			
Hispanic <b>0.9%</b>				Hispanic <b>1.1%</b>			
White <b>88.4%</b>				White <b>83.3%</b>			
Other <b>0.6%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.0%</b>	<b>2.1%</b>	<b>7.9%</b>	AA/Black	<b>10.0%</b>	<b>14.4%</b>	<b>-4.4%</b>
Hispanic	<b>0.9%</b>	<b>3.0%</b>	<b>-2.1%</b>	Hispanic	<b>0.9%</b>	<b>14.5%</b>	<b>-13.6%</b>
White	<b>88.4%</b>	<b>92.2%</b>	<b>-3.8%</b>	White	<b>88.4%</b>	<b>66.4%</b>	<b>22.0%</b>
Other	<b>0.6%</b>	<b>2.0%</b>	<b>-1.4%</b>	Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	<b>11.6%</b>	<b>12.1%</b>	NW	14	<b>15.4%</b>	<b>21.4%</b>
White	246	<b>88.4%</b>	<b>87.9%</b>	White	66	<b>84.6%</b>	<b>78.6%</b>
Chi-square, X-tab <sup>6</sup> :		.901	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.497	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.934	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.621	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>32.6%</b>	<b>14.0%</b>	<b>44.2%</b>	<b>9.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>50.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>35.5%</b>	<b>18.4%</b>	<b>33.3%</b>	<b>12.9%</b>			
Other	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.358	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MIDDLETON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>201</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>11.8%</b>	Citations per 1000				
	Passing through:		<b>88.2%</b>	18 + residents: <b>24.5</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 170)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>33.83</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>25.6%</b>				Female <b>N/A</b>				
Male <b>74.4%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>6.0%</b>				AA/Black <b>N/A</b>				
Hispanic <b>12.7%</b>				Hispanic <b>N/A</b>				
White <b>78.3%</b>			White <b>N/A</b>					
Other <b>3.0%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>6.0%</b>	<b>1.5%</b>	<b>N/A</b>		AA/Black	<b>6.0%</b>	<b>14.4%</b>	<b>-8.4%</b>
Hispanic	<b>12.7%</b>	<b>6.2%</b>	<b>N/A</b>		Hispanic	<b>12.7%</b>	<b>14.5%</b>	<b>-1.8%</b>
White	<b>78.3%</b>	<b>90.3%</b>	<b>N/A</b>		White	<b>78.3%</b>	<b>66.4%</b>	<b>11.9%</b>
Other	<b>3.0%</b>	<b>4.7%</b>	<b>N/A</b>		Other	<b>3.0%</b>	<b>4.6%</b>	<b>-1.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	34	<b>21.4%</b>	<b>23.5%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	117	<b>78.6%</b>	<b>76.5%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.766	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.980	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>72.7%</b>	<b>18.2%</b>	<b>9.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>40.7%</b>	<b>11.1%</b>	<b>37.0%</b>	<b>11.1%</b>	White	<b>2</b>	<b>N/A</b>	
White	<b>57.5%</b>	<b>26.8%</b>	<b>13.1%</b>	<b>2.6%</b>				
Other	<b>83.3%</b>	<b>0.0%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .016* sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MILFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,879</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>47.1%</b>	Citations per 1000	
	Passing through:	<b>52.9%</b>	18 + residents:	<b>84</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,657)				ITP Stops <sup>3</sup> (N = 401)			
Mean age				Mean age			
<b>36.82</b>				<b>34.98</b>			
Gender %				Gender %			
Female <b>32.0%</b>				Female <b>20.1%</b>			
Male <b>68.0%</b>				Male <b>79.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>10.3%</b>				Hispanic <b>13.5%</b>			
White <b>83.2%</b>				White <b>81.4%</b>			
Other <b>2.5%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>2.3%</b>	<b>1.7%</b>	AA/Black	<b>4.0%</b>	<b>14.4%</b>	<b>-10.4%</b>
Hispanic	<b>10.3%</b>	<b>14.0%</b>	<b>-3.7%</b>	Hispanic	<b>10.3%</b>	<b>14.5%</b>	<b>-4.2%</b>
White	<b>83.2%</b>	<b>73.8%</b>	<b>9.4%</b>	White	<b>83.2%</b>	<b>66.4%</b>	<b>16.8%</b>
Other	<b>2.5%</b>	<b>5.4%</b>	<b>-2.9%</b>	Other	<b>2.5%</b>	<b>4.6%</b>	<b>-2.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	258	<b>16.2%</b>	<b>21.0%</b>	NW	64	<b>17.3%</b>	<b>20.1%</b>
White	1,235	<b>83.8%</b>	<b>79.0%</b>	White	283	<b>82.7%</b>	<b>79.9%</b>
Chi-square, X-tab <sup>6</sup> : .042* sig.				Chi-square, X-tab <sup>6</sup> : .504 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .786 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.279 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.7%</b>	<b>5.3%</b>	<b>20.0%</b>	<b>4.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>2.7%</b>	<b>55.6%</b>	<b>8.4%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>70.2%</b>	<b>3.4%</b>	<b>22.4%</b>	<b>4.0%</b>			
Other	<b>92.7%</b>	<b>0.0%</b>	<b>7.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MILLBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>352</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.2%</b>	Citations per 1000	
	Passing through:	<b>74.8%</b>	18 + residents:	<b>31.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 326)				ITP Stops <sup>3</sup> (N = 142)			
Mean age				Mean age			
<b>37.18</b>				<b>38.02</b>			
Gender %				Gender %			
Female <b>36.6%</b>				Female <b>35.9%</b>			
Male <b>63.4%</b>				Male <b>64.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>9.2%</b>				AA/Black <b>9.4%</b>			
Hispanic <b>7.9%</b>				Hispanic <b>6.5%</b>			
White <b>80.0%</b>				White <b>80.6%</b>			
Other <b>2.9%</b>				Other <b>3.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.2%</b>	<b>1.4%</b>	<b>7.8%</b>	AA/Black	<b>9.2%</b>	<b>14.4%</b>	<b>-5.2%</b>
Hispanic	<b>7.9%</b>	<b>1.2%</b>	<b>6.7%</b>	Hispanic	<b>7.9%</b>	<b>14.5%</b>	<b>-6.6%</b>
White	<b>80.0%</b>	<b>91.1%</b>	<b>-11.1%</b>	White	<b>80.0%</b>	<b>66.4%</b>	<b>13.6%</b>
Other	<b>2.9%</b>	<b>5.4%</b>	<b>-2.5%</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	56	<b>15.4%</b>	<b>27.2%</b>	NW	24	<b>13.7%</b>	<b>23.6%</b>
White	220	<b>84.6%</b>	<b>72.8%</b>	White	99	<b>86.3%</b>	<b>76.4%</b>
Chi-square, X-tab <sup>6</sup> : .017* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .173 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .495* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .446 <i>not sig.</i>			

<sup>6</sup>*Sig.* Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>10.0%</b>	<b>36.7%</b>	<b>3.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>52.0%</b>	<b>16.0%</b>	<b>32.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>65.2%</b>	<b>12.3%</b>	<b>15.6%</b>	<b>6.9%</b>			
Other	<b>66.7%</b>	<b>22.2%</b>	<b>11.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .099 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MILLIS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>460</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>16.3%</b>			Citations per 1000			
	Passing through: <b>83.7%</b>			18 + residents: <b>70.9</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
All Stops <sup>2</sup> (N = 443)				ITP Stops <sup>3</sup> (N = 137)			
Mean age				Mean age			
<b>38.44</b>				<b>36.78</b>			
Gender %				Gender %			
Female <b>33.7%</b>				Female <b>25.7%</b>			
Male <b>66.3%</b>				Male <b>74.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.4%</b>				Race % Mis/Unk <sup>4</sup> <b>6.6%</b>			
AA/Black <b>2.4%</b>				AA/Black <b>3.9%</b>			
Hispanic <b>5.9%</b>				Hispanic <b>7.0%</b>			
White <b>91.5%</b>				White <b>88.3%</b>			
Other <b>0.2%</b>				Other <b>0.8%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>2.4%</b>	<b>2.3%</b>	<b>0.1%</b>	AA/Black	<b>2.4%</b>	<b>14.4%</b>	<b>-12.0%</b>
Hispanic	<b>5.9%</b>	<b>2.3%</b>	<b>3.6%</b>	Hispanic	<b>5.9%</b>	<b>14.5%</b>	<b>-8.6%</b>
White	<b>91.5%</b>	<b>92.9%</b>	<b>-1.4%</b>	White	<b>91.5%</b>	<b>66.4%</b>	<b>25.1%</b>
Other	<b>0.2%</b>	<b>1.7%</b>	<b>-1.5%</b>	Other	<b>0.2%</b>	<b>4.6%</b>	<b>-4.4%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>7.5%</b>	<b>14.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	365	<b>92.5%</b>	<b>85.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.056	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.603	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>30.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>45.8%</b>	<b>4.2%</b>	<b>45.8%</b>	<b>4.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>66.2%</b>	<b>13.0%</b>	<b>16.4%</b>	<b>4.3%</b>			
Other	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>50.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.001* sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MILLVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>216</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>7.5%</b>	Citations per 1000				
	Passing through:		<b>92.5%</b>	18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 212)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>32.22</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>38.8%</b>				Female <b>N/A</b>				
Male <b>61.2%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>5.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>6.0%</b>				AA/Black <b>N/A</b>				
Hispanic <b>7.0%</b>				Hispanic <b>N/A</b>				
White <b>86.0%</b>			White <b>N/A</b>					
Other <b>1.0%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>6.0%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>6.0%</b>	<b>14.4%</b>	<b>-8.4%</b>
Hispanic	<b>7.0%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
White	<b>86.0%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>86.0%</b>	<b>66.4%</b>	<b>19.6%</b>
Other	<b>1.0%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	26	<b>9.0%</b>	<b>28.9%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	163	<b>91.0%</b>	<b>71.1%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.001*	sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.255*	sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>58.3%</b>	<b>8.3%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>	
Hispanic	<b>35.7%</b>	<b>28.6%</b>	<b>35.7%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>59.1%</b>	<b>22.2%</b>	<b>16.5%</b>	<b>2.3%</b>				
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .120 not sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MILTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>774</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.8%</b>	Citations per 1000	
	Passing through:	<b>79.2%</b>	18 + residents:	<b>37.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 675)				ITP Stops <sup>3</sup> (N = 251)			
Mean age				Mean age			
<b>38.27</b>				<b>38.36</b>			
Gender %				Gender %			
Female <b>37.0%</b>				Female <b>32.9%</b>			
Male <b>63.0%</b>				Male <b>67.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>46.4%</b>				AA/Black <b>45.2%</b>			
Hispanic <b>12.0%</b>				Hispanic <b>14.8%</b>			
White <b>38.5%</b>				White <b>37.2%</b>			
Other <b>3.1%</b>				Other <b>2.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>46.4%</b>	<b>15.1%</b>	<b>31.3%</b>	AA/Black	<b>46.4%</b>	<b>14.4%</b>	<b>32.0%</b>
Hispanic	<b>12.0%</b>	<b>3.2%</b>	<b>8.8%</b>	Hispanic	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
White	<b>38.5%</b>	<b>71.7%</b>	<b>-33.2%</b>	White	<b>38.5%</b>	<b>66.4%</b>	<b>-27.9%</b>
Other	<b>3.1%</b>	<b>10.6%</b>	<b>-7.5%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	371	<b>54.9%</b>	<b>75.0%</b>	NW	134	<b>42.0%</b>	<b>73.5%</b>
White	236	<b>45.1%</b>	<b>25.0%</b>	White	83	<b>58.0%</b>	<b>26.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .463* sig.				Odds ratio Exp(B) <sup>7</sup> : .341* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.6%</b>	<b>9.4%</b>	<b>13.9%</b>	<b>1.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>66.3%</b>	<b>7.6%</b>	<b>23.9%</b>	<b>2.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>83.9%</b>	<b>7.1%</b>	<b>7.9%</b>	<b>1.1%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .002* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MONSON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>710</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.8%</b>	Citations per 1000	
	Passing through:	<b>70.2%</b>	18 + residents:	<b>98.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 681)				ITP Stops <sup>3</sup> (N = 255)			
Mean age				Mean age			
<b>36.29</b>				<b>36.08</b>			
Gender %				Gender %			
Female <b>26.1%</b>				Female <b>18.9%</b>			
Male <b>73.9%</b>				Male <b>81.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>5.2%</b>				AA/Black <b>6.7%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>5.5%</b>			
White <b>89.1%</b>				White <b>87.4%</b>			
Other <b>0.4%</b>				Other <b>0.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.2%</b>	<b>1.1%</b>	<b>4.1%</b>	AA/Black	<b>5.2%</b>	<b>14.4%</b>	<b>-9.2%</b>
Hispanic	<b>5.2%</b>	<b>1.5%</b>	<b>3.7%</b>	Hispanic	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
White	<b>89.1%</b>	<b>95.9%</b>	<b>-6.8%</b>	White	<b>89.1%</b>	<b>66.4%</b>	<b>22.7%</b>
Other	<b>0.4%</b>	<b>2.0%</b>	<b>-1.6%</b>	Other	<b>0.4%</b>	<b>4.6%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	<b>9.6%</b>	<b>15.3%</b>	NW	30	<b>12.2%</b>	<b>15.7%</b>
White	510	<b>90.4%</b>	<b>84.7%</b>	White	196	<b>87.8%</b>	<b>84.3%</b>
Chi-square, X-tab <sup>6</sup> : .040* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .469 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .567* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .903 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>36.1%</b>	<b>13.9%</b>	<b>33.3%</b>	<b>16.7%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>29.3%</b>	<b>14.6%</b>	<b>41.5%</b>	<b>14.6%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>57.4%</b>	<b>20.0%</b>	<b>12.4%</b>	<b>10.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MONTAGUE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>447</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>13.3%</b>	Citations per 1000				
	Passing through:		<b>86.8%</b>	18 + residents: <b>64.4</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 401)				ITP Stops <sup>3</sup> (N = 177)				
Mean age				Mean age				
36.9				36.14				
Gender %				Gender %				
Female 39.2%				Female 40.1%				
Male 60.3%				Male 59.9%				
Non-binary 0.5%				Non-binary 0.0%				
Race % Mis/Unk <sup>4</sup> 4.7%				Race % Mis/Unk <sup>4</sup> 3.4%				
AA/Black 4.7%				AA/Black 5.3%				
Hispanic 2.1%			Hispanic 2.3%					
White 92.7%			White 92.4%					
Other 0.5%			Other 0.0%					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	4.7%	1.9%	2.8%		AA/Black	4.7%	14.4%	-9.7%
Hispanic	2.1%	4.2%	-2.1%		Hispanic	2.1%	14.5%	-12.4%
White	92.7%	88.9%	3.8%		White	92.7%	66.4%	26.3%
Other	0.5%	5.5%	-5.0%		Other	0.5%	4.6%	-4.1%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	23	7.5%	6.0%		NW	N/A	N/A	N/A
White	311	92.5%	94.0%		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.609	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.195	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	77.8%	0.0%	22.2%	0.0%	NW	0	N/A	
Hispanic	72.7%	18.2%	9.1%	0.0%	White	1	N/A	
White	85.8%	4.8%	9.2%	0.3%				
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :		.476	not sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NAHANT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>213</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>26.2%</b>			Citations per 1000				
	Passing through: <b>73.8%</b>			18 + residents: <b>17.2</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 172)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
<b>38.94</b>					<b>N/A</b>			
Gender %					Gender %			
Female <b>32.2%</b>					Female <b>N/A</b>			
Male <b>67.8%</b>					Male <b>N/A</b>			
Non-binary <b>0.0%</b>					Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>					Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.8%</b>					AA/Black <b>N/A</b>			
Hispanic <b>13.8%</b>					Hispanic <b>N/A</b>			
White <b>79.6%</b>				White <b>N/A</b>				
Other <b>1.8%</b>				Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>4.8%</b>	<b>1.3%</b>	<b>N/A</b>		AA/Black	<b>4.8%</b>	<b>14.4%</b>	<b>-9.6%</b>
Hispanic	<b>13.8%</b>	<b>2.0%</b>	<b>N/A</b>		Hispanic	<b>13.8%</b>	<b>14.5%</b>	<b>-0.7%</b>
White	<b>79.6%</b>	<b>89.3%</b>	<b>N/A</b>		White	<b>79.6%</b>	<b>66.4%</b>	<b>13.2%</b>
Other	<b>1.8%</b>	<b>7.0%</b>	<b>N/A</b>		Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	26	<b>20.0%</b>	<b>23.1%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	60	<b>80.0%</b>	<b>76.9%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.724	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.965	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>45.5%</b>	<b>9.1%</b>	<b>45.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>16.0%</b>	<b>32.0%</b>	<b>52.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>50.6%</b>	<b>11.3%</b>	<b>29.2%</b>	<b>8.9%</b>				
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				<b>.005* sig.</b>				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NANTUCKET POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>371</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>69.7%</b>	Citations per 1000				
	Passing through:		<b>30.3%</b>	18 + residents: <b>41</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 320)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
35.7				N/A				
Gender %				Gender %				
Female 21.6%				Female N/A				
Male 78.4%				Male N/A				
Non-binary 0.0%				Non-binary N/A				
Race % Mis/Unk <sup>4</sup> 3.8%				Race % Mis/Unk <sup>4</sup> N/A				
AA/Black 9.7%				AA/Black N/A				
Hispanic 6.2%				Hispanic N/A				
White 84.1%			White N/A					
Other 0.0%			Other N/A					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	9.7%	7.8%	N/A		AA/Black	9.7%	14.4%	-4.7%
Hispanic	6.2%	4.2%	N/A		Hispanic	6.2%	14.5%	-8.3%
White	84.1%	85.2%	N/A		White	84.1%	66.4%	17.7%
Other	0.0%	4.1%	N/A		Other	0.0%	4.6%	-4.6%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	40	12.3%	19.2%		NW	N/A	N/A	N/A
White	218	87.7%	80.8%		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.130	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.418*	sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	10.0%	20.0%	70.0%	0.0%	NW	0	N/A	
Hispanic	5.0%	45.0%	50.0%	0.0%	White	0	N/A	
White	10.4%	37.2%	52.0%	0.3%				
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :								
.384 not sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NATICK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,906</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.4%</b>	Citations per 1000	
	Passing through:	<b>76.6%</b>	18 + residents:	<b>69.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,500)				ITP Stops <sup>3</sup> (N = 357)			
Mean age				Mean age			
<b>39.24</b>				<b>38.8</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>35.1%</b>			
Male <b>63.8%</b>				Male <b>64.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.1%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>14.7%</b>				AA/Black <b>17.6%</b>			
Hispanic <b>9.6%</b>				Hispanic <b>8.1%</b>			
White <b>67.9%</b>				White <b>66.9%</b>			
Other <b>7.8%</b>				Other <b>7.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.7%</b>	<b>1.9%</b>	<b>12.8%</b>	AA/Black	<b>14.7%</b>	<b>14.4%</b>	<b>0.3%</b>
Hispanic	<b>9.6%</b>	<b>4.1%</b>	<b>5.5%</b>	Hispanic	<b>9.6%</b>	<b>14.5%</b>	<b>-4.9%</b>
White	<b>67.9%</b>	<b>78.9%</b>	<b>-11.0%</b>	White	<b>67.9%</b>	<b>66.4%</b>	<b>1.5%</b>
Other	<b>7.8%</b>	<b>15.0%</b>	<b>-7.2%</b>	Other	<b>7.8%</b>	<b>4.6%</b>	<b>3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	443	<b>30.1%</b>	<b>41.5%</b>	NW	105	<b>34.5%</b>	<b>33.6%</b>
White	907	<b>69.9%</b>	<b>58.5%</b>	White	202	<b>65.5%</b>	<b>66.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .872 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .629* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.195 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>17.3%</b>	<b>21.7%</b>	<b>3.9%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>42.9%</b>	<b>23.4%</b>	<b>29.7%</b>	<b>4.0%</b>	White	<b>19</b>	<b>N/A</b>
White	<b>65.1%</b>	<b>20.2%</b>	<b>13.1%</b>	<b>1.7%</b>			
Other	<b>66.7%</b>	<b>26.8%</b>	<b>4.1%</b>	<b>2.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEEDHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,184</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.3%</b>	Citations per 1000	
	Passing through:	<b>68.7%</b>	18 + residents:	<b>95.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,027)				ITP Stops <sup>3</sup> (N = 666)			
Mean age				Mean age			
<b>43.45</b>				<b>41.36</b>			
Gender %				Gender %			
Female <b>47.6%</b>				Female <b>43.4%</b>			
Male <b>52.4%</b>				Male <b>56.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>6.4%</b>				AA/Black <b>7.2%</b>			
Hispanic <b>7.8%</b>				Hispanic <b>9.6%</b>			
White <b>77.2%</b>				White <b>75.3%</b>			
Other <b>8.6%</b>				Other <b>7.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>2.9%</b>	<b>3.5%</b>	AA/Black	<b>6.4%</b>	<b>14.4%</b>	<b>-8.0%</b>
Hispanic	<b>7.8%</b>	<b>3.2%</b>	<b>4.6%</b>	Hispanic	<b>7.8%</b>	<b>14.5%</b>	<b>-6.7%</b>
White	<b>77.2%</b>	<b>82.6%</b>	<b>-5.4%</b>	White	<b>77.2%</b>	<b>66.4%</b>	<b>10.8%</b>
Other	<b>8.6%</b>	<b>11.4%</b>	<b>-2.8%</b>	Other	<b>8.6%</b>	<b>4.6%</b>	<b>4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	439	<b>22.6%</b>	<b>24.5%</b>	NW	152	<b>24.2%</b>	<b>27.6%</b>
White	1,480	<b>77.4%</b>	<b>75.5%</b>	White	447	<b>75.8%</b>	<b>72.4%</b>
Chi-square, X-tab <sup>6</sup> : .448 not sig.				Chi-square, X-tab <sup>6</sup> : .354 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .977 not sig.				Odds ratio Exp(B) <sup>7</sup> : .888 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.1%</b>	<b>10.0%</b>	<b>7.9%</b>	<b>0.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>72.9%</b>	<b>8.2%</b>	<b>18.2%</b>	<b>0.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>88.2%</b>	<b>8.3%</b>	<b>2.9%</b>	<b>0.6%</b>			
Other	<b>92.2%</b>	<b>6.1%</b>	<b>1.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEW BEDFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,502</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>71.8%</b>	Citations per 1000	
	Passing through:	<b>28.2%</b>	18 + residents:	<b>47.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,765)				ITP Stops <sup>3</sup> (N = 906)			
Mean age				Mean age			
<b>35.47</b>				<b>36.34</b>			
Gender %				Gender %			
Female <b>35.7%</b>				Female <b>32.2%</b>			
Male <b>64.2%</b>				Male <b>67.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>22.7%</b>				AA/Black <b>22.9%</b>			
Hispanic <b>11.3%</b>				Hispanic <b>11.9%</b>			
White <b>65.4%</b>				White <b>64.5%</b>			
Other <b>0.7%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>22.7%</b>	<b>7.0%</b>	<b>15.7%</b>	AA/Black	<b>22.7%</b>	<b>14.4%</b>	<b>8.3%</b>
Hispanic	<b>11.3%</b>	<b>20.8%</b>	<b>-9.5%</b>	Hispanic	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
White	<b>65.4%</b>	<b>60.5%</b>	<b>4.9%</b>	White	<b>65.4%</b>	<b>66.4%</b>	<b>-1.0%</b>
Other	<b>0.7%</b>	<b>6.8%</b>	<b>-6.1%</b>	Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	812	<b>33.1%</b>	<b>36.8%</b>	NW	286	<b>35.3%</b>	<b>35.8%</b>
White	1,530	<b>66.9%</b>	<b>63.2%</b>	White	519	<b>64.7%</b>	<b>64.2%</b>
Chi-square, X-tab <sup>6</sup> :		.060	not sig.	Chi-square, X-tab <sup>6</sup> :		.889	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.841	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.878	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>34.1%</b>	<b>15.5%</b>	<b>41.2%</b>	<b>9.2%</b>	NW	<b>15</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>16.5%</b>	<b>38.8%</b>	<b>11.3%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>45.8%</b>	<b>14.8%</b>	<b>32.7%</b>	<b>6.7%</b>			
Other	<b>52.4%</b>	<b>14.3%</b>	<b>23.8%</b>	<b>9.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEW MARLBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>295</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.0%</b>	Citations per 1000	
	Passing through:	<b>90.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 280)				ITP Stops <sup>3</sup> (N = 137)			
Mean age				Mean age			
<b>39.79</b>				<b>38.61</b>			
Gender %				Gender %			
Female <b>28.7%</b>				Female <b>27.7%</b>			
Male <b>71.3%</b>				Male <b>72.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>7.6%</b>				AA/Black <b>9.8%</b>			
Hispanic <b>4.0%</b>				Hispanic <b>5.3%</b>			
White <b>86.5%</b>				White <b>82.0%</b>			
Other <b>1.8%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.6%</b>	<b>14.4%</b>	<b>-6.8%</b>
Hispanic	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
White	<b>86.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.5%</b>	<b>66.4%</b>	<b>20.1%</b>
Other	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	<b>13.1%</b>	<b>12.5%</b>	NW	20	<b>17.2%</b>	<b>16.1%</b>
White	222	<b>86.9%</b>	<b>87.5%</b>	White	98	<b>82.8%</b>	<b>83.9%</b>
Chi-square, X-tab <sup>6</sup> :		.911	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.887	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		1.120	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.976	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>31.8%</b>	<b>31.8%</b>	<b>31.8%</b>	<b>4.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>18.2%</b>	<b>72.7%</b>	<b>9.1%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>41.7%</b>	<b>44.8%</b>	<b>11.9%</b>	<b>1.6%</b>			
Other	<b>0.0%</b>	<b>60.0%</b>	<b>40.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.054	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NEWBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>386</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>10.9%</b>	Citations per 1000						
	Passing through:		<b>89.1%</b>	18 + residents: <b>72.1</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 369)				ITP Stops <sup>3</sup> (N = 110)						
Mean age				Mean age						
<b>37.2</b>				<b>34.07</b>						
Gender %				Gender %						
Female <b>39.6%</b>				Female <b>37.6%</b>						
Male <b>59.9%</b>				Male <b>61.5%</b>						
Non-binary <b>0.5%</b>				Non-binary <b>0.9%</b>						
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>						
AA/Black <b>1.7%</b>				AA/Black <b>1.9%</b>						
Hispanic <b>4.4%</b>				Hispanic <b>6.5%</b>						
White <b>92.3%</b>			White <b>88.0%</b>							
Other <b>1.7%</b>			Other <b>3.7%</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>1.7%</b>	<b>1.0%</b>	<b>0.7%</b>		AA/Black	<b>1.7%</b>	<b>14.4%</b>	<b>-12.7%</b>		
Hispanic	<b>4.4%</b>	<b>3.0%</b>	<b>1.4%</b>		Hispanic	<b>4.4%</b>	<b>14.5%</b>	<b>-10.1%</b>		
White	<b>92.3%</b>	<b>92.1%</b>	<b>0.2%</b>		White	<b>92.3%</b>	<b>66.4%</b>	<b>25.9%</b>		
Other	<b>1.7%</b>	<b>2.8%</b>	<b>-1.1%</b>		Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	27	<b>9.6%</b>	<b>5.5%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	309	<b>90.4%</b>	<b>94.5%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		.185	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		1.901	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>12.5%</b>	<b>37.5%</b>	<b>50.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>			
Hispanic	<b>11.1%</b>	<b>50.0%</b>	<b>38.9%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>			
White	<b>41.8%</b>	<b>38.3%</b>	<b>17.6%</b>	<b>2.3%</b>						
Other	<b>42.9%</b>	<b>28.6%</b>	<b>28.6%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :										
.081 not sig.										
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NEWBURYPORT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>361</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>35.6%</b>	Citations per 1000						
	Passing through:		<b>64.4%</b>	18 + residents: <b>24.9</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 327)				ITP Stops <sup>3</sup> (N = 134)						
Mean age				Mean age						
<b>42.02</b>				<b>40.96</b>						
Gender %				Gender %						
Female <b>47.1%</b>				Female <b>44.8%</b>						
Male <b>52.9%</b>				Male <b>55.2%</b>						
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>						
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>						
AA/Black <b>4.1%</b>				AA/Black <b>4.6%</b>						
Hispanic <b>5.4%</b>				Hispanic <b>6.2%</b>						
White <b>88.9%</b>			White <b>87.7%</b>							
Other <b>1.6%</b>			Other <b>1.5%</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>4.1%</b>	<b>1.7%</b>	<b>2.4%</b>		AA/Black	<b>4.1%</b>	<b>14.4%</b>	<b>-10.3%</b>		
Hispanic	<b>5.4%</b>	<b>2.8%</b>	<b>2.6%</b>		Hispanic	<b>5.4%</b>	<b>14.5%</b>	<b>-9.1%</b>		
White	<b>88.9%</b>	<b>92.4%</b>	<b>-3.5%</b>		White	<b>88.9%</b>	<b>66.4%</b>	<b>22.5%</b>		
Other	<b>1.6%</b>	<b>3.9%</b>	<b>-2.3%</b>		Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW		33	<b>10.3%</b>		<b>13.2%</b>	NW		N/A	<b>N/A</b>	<b>N/A</b>
White		266	<b>89.7%</b>		<b>86.8%</b>	White		N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.494	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.569	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>46.2%</b>	<b>15.4%</b>	<b>23.1%</b>	<b>15.4%</b>	NW	<b>0</b>	<b>N/A</b>			
Hispanic	<b>68.4%</b>	<b>10.5%</b>	<b>21.1%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>			
White	<b>59.8%</b>	<b>21.2%</b>	<b>13.5%</b>	<b>5.5%</b>						
Other	<b>80.0%</b>	<b>0.0%</b>	<b>20.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.496		not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEWTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,976</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.9%</b>	Citations per 1000	
	Passing through:	<b>61.1%</b>	18 + residents:	<b>28.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,818)				ITP Stops <sup>3</sup> (N = 797)			
Mean age				Mean age			
<b>43.34</b>				<b>42.02</b>			
Gender %				Gender %			
Female <b>41.6%</b>				Female <b>40.1%</b>			
Male <b>58.4%</b>				Male <b>59.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>9.3%</b>				AA/Black <b>8.6%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>5.4%</b>			
White <b>74.6%</b>				White <b>76.1%</b>			
Other <b>9.4%</b>				Other <b>9.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.3%</b>	<b>3.0%</b>	<b>6.3%</b>	AA/Black	<b>9.3%</b>	<b>14.4%</b>	<b>-5.1%</b>
Hispanic	<b>6.7%</b>	<b>4.9%</b>	<b>1.8%</b>	Hispanic	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
White	<b>74.6%</b>	<b>73.7%</b>	<b>0.9%</b>	White	<b>74.6%</b>	<b>66.4%</b>	<b>8.2%</b>
Other	<b>9.4%</b>	<b>18.4%</b>	<b>-9.0%</b>	Other	<b>9.4%</b>	<b>4.6%</b>	<b>4.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	416	<b>24.5%</b>	<b>30.0%</b>	NW	173	<b>21.9%</b>	<b>30.3%</b>
White	1,204	<b>75.5%</b>	<b>70.0%</b>	White	539	<b>78.1%</b>	<b>69.7%</b>
Chi-square, X-tab <sup>6</sup> : .034* sig.				Chi-square, X-tab <sup>6</sup> : .018* sig.			
Odds ratio Exp(B) <sup>7</sup> : .718* sig.				Odds ratio Exp(B) <sup>7</sup> : .622 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.3%</b>	<b>6.3%</b>	<b>9.8%</b>	<b>0.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>68.8%</b>	<b>5.6%</b>	<b>23.6%</b>	<b>2.1%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>87.1%</b>	<b>7.1%</b>	<b>5.6%</b>	<b>0.2%</b>			
Other	<b>84.5%</b>	<b>7.5%</b>	<b>6.3%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORFOLK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,013</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.3%</b>	Citations per 1000	
	Passing through:	<b>77.7%</b>	18 + residents:	<b>107.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 967)				ITP Stops <sup>3</sup> (N = 451)			
Mean age				Mean age			
<b>37.36</b>				<b>36.64</b>			
Gender %				Gender %			
Female <b>32.7%</b>				Female <b>31.6%</b>			
Male <b>67.3%</b>				Male <b>68.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.1%</b>				Race % Mis/Unk <sup>4</sup> <b>2.9%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>4.8%</b>			
Hispanic <b>8.2%</b>				Hispanic <b>8.4%</b>			
White <b>81.9%</b>				White <b>83.3%</b>			
Other <b>3.1%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>7.4%</b>	<b>-0.6%</b>	AA/Black	<b>6.8%</b>	<b>14.4%</b>	<b>-7.6%</b>
Hispanic	<b>8.2%</b>	<b>7.6%</b>	<b>0.6%</b>	Hispanic	<b>8.2%</b>	<b>14.5%</b>	<b>-6.3%</b>
White	<b>81.9%</b>	<b>83.2%</b>	<b>-1.3%</b>	White	<b>81.9%</b>	<b>66.4%</b>	<b>15.5%</b>
Other	<b>3.1%</b>	<b>3.1%</b>	<b>0.0%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	163	<b>15.1%</b>	<b>28.4%</b>	NW	67	<b>16.1%</b>	<b>16.7%</b>
White	746	<b>84.9%</b>	<b>71.6%</b>	White	346	<b>83.9%</b>	<b>83.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .920 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .443* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.490 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.1%</b>	<b>10.6%</b>	<b>18.2%</b>	<b>12.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>31.2%</b>	<b>5.2%</b>	<b>49.4%</b>	<b>14.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>77.2%</b>	<b>8.6%</b>	<b>7.3%</b>	<b>6.9%</b>			
Other	<b>93.1%</b>	<b>6.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTH ADAMS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>496</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>57.6%</b>	Citations per 1000	
	Passing through:	<b>42.4%</b>	18 + residents:	<b>47.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 396)				ITP Stops <sup>3</sup> (N = 135)			
Mean age				Mean age			
<b>35.28</b>				<b>34.44</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>40.3%</b>			
Male <b>62.9%</b>				Male <b>59.0%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.7%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.7%</b>			
AA/Black <b>9.4%</b>				AA/Black <b>10.8%</b>			
Hispanic <b>1.6%</b>				Hispanic <b>1.5%</b>			
White <b>88.8%</b>				White <b>86.9%</b>			
Other <b>0.3%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.4%</b>	<b>1.7%</b>	<b>7.7%</b>	AA/Black	<b>9.4%</b>	<b>14.4%</b>	<b>-5.0%</b>
Hispanic	<b>1.6%</b>	<b>6.6%</b>	<b>-5.0%</b>	Hispanic	<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>
White	<b>88.8%</b>	<b>86.0%</b>	<b>2.8%</b>	White	<b>88.8%</b>	<b>66.4%</b>	<b>22.4%</b>
Other	<b>0.3%</b>	<b>6.9%</b>	<b>-6.6%</b>	Other	<b>0.3%</b>	<b>4.6%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	<b>8.8%</b>	<b>15.0%</b>	NW	16	<b>16.7%</b>	<b>12.5%</b>
White	282	<b>91.2%</b>	<b>85.0%</b>	White	98	<b>83.3%</b>	<b>87.5%</b>
Chi-square, X-tab <sup>6</sup> : .088 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .537 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .523 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .794 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>26.2%</b>	<b>9.5%</b>	<b>57.1%</b>	<b>7.1%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>45.0%</b>	<b>13.0%</b>	<b>33.7%</b>	<b>8.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .109 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORTH ANDOVER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>508</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>26.8%</b>	Citations per 1000						
	Passing through:		<b>73.2%</b>	18 + residents: <b>21.5</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 478)				ITP Stops <sup>3</sup> (N = 112)						
Mean age				Mean age						
<b>35.95</b>				<b>35.21</b>						
Gender %				Gender %						
Female <b>32.6%</b>				Female <b>23.6%</b>						
Male <b>67.4%</b>				Male <b>76.4%</b>						
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>						
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>6.3%</b>						
AA/Black <b>5.7%</b>				AA/Black <b>6.7%</b>						
Hispanic <b>26.1%</b>				Hispanic <b>21.0%</b>						
White <b>64.7%</b>			White <b>70.5%</b>							
Other <b>3.5%</b>			Other <b>1.9%</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>5.7%</b>	<b>3.6%</b>	<b>2.1%</b>		AA/Black	<b>5.7%</b>	<b>14.4%</b>	<b>-8.7%</b>		
Hispanic	<b>26.1%</b>	<b>7.6%</b>	<b>18.5%</b>		Hispanic	<b>26.1%</b>	<b>14.5%</b>	<b>11.6%</b>		
White	<b>64.7%</b>	<b>81.1%</b>	<b>-16.4%</b>		White	<b>64.7%</b>	<b>66.4%</b>	<b>-1.7%</b>		
Other	<b>3.5%</b>	<b>8.5%</b>	<b>-5.0%</b>		Other	<b>3.5%</b>	<b>4.6%</b>	<b>-1.1%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	148	<b>36.4%</b>	<b>31.7%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	269	<b>63.6%</b>	<b>68.3%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		.424	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		1.212	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>53.6%</b>	<b>25.0%</b>	<b>21.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>			
Hispanic	<b>55.6%</b>	<b>21.8%</b>	<b>14.5%</b>	<b>8.1%</b>	White	<b>0</b>	<b>N/A</b>			
White	<b>57.6%</b>	<b>23.4%</b>	<b>14.2%</b>	<b>4.7%</b>						
Other	<b>56.3%</b>	<b>25.0%</b>	<b>12.5%</b>	<b>6.3%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.861		not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTH ATTLEBORO POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>769</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.4%</b>	Citations per 1000	
	Passing through:	<b>67.6%</b>	18 + residents:	<b>34.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 488)				ITP Stops <sup>3</sup> (N = 162)			
Mean age				Mean age			
<b>35.28</b>				<b>35.97</b>			
Gender %				Gender %			
Female <b>37.5%</b>				Female <b>31.5%</b>			
Male <b>62.1%</b>				Male <b>67.9%</b>			
Non-binary <b>0.4%</b>				Non-binary <b>0.6%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>13.9%</b>				AA/Black <b>15.9%</b>			
Hispanic <b>11.5%</b>				Hispanic <b>10.8%</b>			
White <b>72.7%</b>				White <b>71.3%</b>			
Other <b>2.0%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.9%</b>	<b>2.0%</b>	<b>11.9%</b>	AA/Black	<b>13.9%</b>	<b>14.4%</b>	<b>-0.5%</b>
Hispanic	<b>11.5%</b>	<b>5.6%</b>	<b>5.9%</b>	Hispanic	<b>11.5%</b>	<b>14.5%</b>	<b>-3.0%</b>
White	<b>72.7%</b>	<b>84.2%</b>	<b>-11.5%</b>	White	<b>72.7%</b>	<b>66.4%</b>	<b>6.3%</b>
Other	<b>2.0%</b>	<b>9.1%</b>	<b>-7.1%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	117	<b>24.0%</b>	<b>32.7%</b>	NW	37	<b>29.0%</b>	<b>20.5%</b>
White	296	<b>76.0%</b>	<b>67.3%</b>	White	102	<b>71.0%</b>	<b>79.5%</b>
Chi-square, X-tab <sup>6</sup> : .051 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .309 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .620* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.785 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>34.8%</b>	<b>27.0%</b>	<b>34.8%</b>	<b>3.4%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>29.3%</b>	<b>25.3%</b>	<b>38.7%</b>	<b>6.7%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>32.7%</b>	<b>32.9%</b>	<b>26.9%</b>	<b>7.6%</b>			
Other	<b>50.0%</b>	<b>21.4%</b>	<b>28.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .265 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORTH READING POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>213</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>26.2%</b>			Citations per 1000				
	Passing through: <b>73.8%</b>			18 + residents: <b>17.2</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 172)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
<b>38.94</b>					<b>N/A</b>			
Gender %					Gender %			
Female <b>32.2%</b>					Female <b>N/A</b>			
Male <b>67.8%</b>					Male <b>N/A</b>			
Non-binary <b>0.0%</b>					Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>					Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.8%</b>					AA/Black <b>N/A</b>			
Hispanic <b>13.8%</b>					Hispanic <b>N/A</b>			
White <b>79.6%</b>				White <b>N/A</b>				
Other <b>1.8%</b>				Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>4.8%</b>	<b>1.3%</b>	<b>N/A</b>		AA/Black	<b>4.8%</b>	<b>14.4%</b>	<b>-9.6%</b>
Hispanic	<b>13.8%</b>	<b>2.0%</b>	<b>N/A</b>		Hispanic	<b>13.8%</b>	<b>14.5%</b>	<b>-0.7%</b>
White	<b>79.6%</b>	<b>89.3%</b>	<b>N/A</b>		White	<b>79.6%</b>	<b>66.4%</b>	<b>13.2%</b>
Other	<b>1.8%</b>	<b>7.0%</b>	<b>N/A</b>		Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	31	<b>20.0%</b>	<b>23.1%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	120	<b>80.0%</b>	<b>76.9%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.724	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.965	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>45.5%</b>	<b>9.1%</b>	<b>45.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>16.0%</b>	<b>32.0%</b>	<b>52.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>50.6%</b>	<b>11.3%</b>	<b>29.2%</b>	<b>8.9%</b>				
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				<b>.005* sig.</b>				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTHAMPTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,494</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.5%</b>	Citations per 1000	
	Passing through:	<b>73.5%</b>	18 + residents:	<b>62.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,359)				ITP Stops <sup>3</sup> (N = 441)			
Mean age				Mean age			
<b>37.96</b>				<b>37.58</b>			
Gender %				Gender %			
Female <b>45.1%</b>				Female <b>48.2%</b>			
Male <b>54.9%</b>				Male <b>51.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>6.2%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>1.9%</b>				Hispanic <b>2.3%</b>			
White <b>90.7%</b>				White <b>90.5%</b>			
Other <b>1.2%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.2%</b>	<b>2.2%</b>	<b>4.0%</b>	AA/Black	<b>6.2%</b>	<b>14.4%</b>	<b>-8.2%</b>
Hispanic	<b>1.9%</b>	<b>8.7%</b>	<b>-6.8%</b>	Hispanic	<b>1.9%</b>	<b>14.5%</b>	<b>-12.6%</b>
White	<b>90.7%</b>	<b>82.2%</b>	<b>8.5%</b>	White	<b>90.7%</b>	<b>66.4%</b>	<b>24.3%</b>
Other	<b>1.2%</b>	<b>7.7%</b>	<b>-6.5%</b>	Other	<b>1.2%</b>	<b>4.6%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	115	<b>7.4%</b>	<b>11.4%</b>	NW	33	<b>8.7%</b>	<b>8.2%</b>
White	1,146	<b>92.6%</b>	<b>88.6%</b>	White	354	<b>91.3%</b>	<b>91.8%</b>
Chi-square, X-tab <sup>6</sup> : .015* sig.				Chi-square, X-tab <sup>6</sup> : .866 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .607* sig.				Odds ratio Exp(B) <sup>7</sup> : .860 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>46.2%</b>	<b>16.5%</b>	<b>25.3%</b>	<b>12.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>43.3%</b>	<b>10.0%</b>	<b>43.3%</b>	<b>3.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>69.4%</b>	<b>14.0%</b>	<b>12.2%</b>	<b>4.3%</b>			
Other	<b>66.7%</b>	<b>19.0%</b>	<b>9.5%</b>	<b>4.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000 sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTHBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,295</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.7%</b>	Citations per 1000	
	Passing through:	<b>78.3%</b>	18 + residents:	<b>285.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,152)				ITP Stops <sup>3</sup> (N = 1,118)			
Mean age				Mean age			
<b>38.73</b>				<b>38.89</b>			
Gender %				Gender %			
Female <b>42.6%</b>				Female <b>41.3%</b>			
Male <b>57.4%</b>				Male <b>58.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>8.5%</b>				AA/Black <b>8.9%</b>			
Hispanic <b>10.8%</b>				Hispanic <b>10.2%</b>			
White <b>68.8%</b>				White <b>66.6%</b>			
Other <b>11.9%</b>				Other <b>14.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>3.2%</b>	<b>5.3%</b>	AA/Black	<b>8.5%</b>	<b>14.4%</b>	<b>-5.9%</b>
Hispanic	<b>10.8%</b>	<b>2.7%</b>	<b>8.1%</b>	Hispanic	<b>10.8%</b>	<b>14.5%</b>	<b>-3.7%</b>
White	<b>68.8%</b>	<b>82.7%</b>	<b>-13.9%</b>	White	<b>68.8%</b>	<b>66.4%</b>	<b>2.4%</b>
Other	<b>11.9%</b>	<b>11.6%</b>	<b>0.3%</b>	Other	<b>11.9%</b>	<b>4.6%</b>	<b>7.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	940	<b>27.3%</b>	<b>42.9%</b>	NW	335	<b>33.6%</b>	<b>32.3%</b>
White	2,089	<b>72.7%</b>	<b>57.1%</b>	White	674	<b>66.4%</b>	<b>67.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .700 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .472* sig.				Odds ratio Exp(B) <sup>7</sup> : .897 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.6%</b>	<b>15.4%</b>	<b>7.9%</b>	<b>1.1%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>67.0%</b>	<b>17.6%</b>	<b>12.6%</b>	<b>2.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>81.1%</b>	<b>14.6%</b>	<b>3.2%</b>	<b>1.1%</b>			
Other	<b>83.5%</b>	<b>14.1%</b>	<b>2.1%</b>	<b>0.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000 sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTHBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>939</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.1%</b>	Citations per 1000	
	Passing through:	<b>84.9%</b>	18 + residents:	<b>72.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 897)				ITP Stops <sup>3</sup> (N = 462)			
Mean age				Mean age			
<b>36.23</b>				<b>35.73</b>			
Gender %				Gender %			
Female <b>36.4%</b>				Female <b>33.8%</b>			
Male <b>63.6%</b>				Male <b>66.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>5.0%</b>				AA/Black <b>4.7%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>8.4%</b>			
White <b>85.7%</b>				White <b>84.7%</b>			
Other <b>1.8%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.0%</b>	<b>2.0%</b>	<b>3.0%</b>	AA/Black	<b>5.0%</b>	<b>14.4%</b>	<b>-9.4%</b>
Hispanic	<b>7.5%</b>	<b>6.2%</b>	<b>1.3%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>85.7%</b>	<b>87.4%</b>	<b>-1.7%</b>	White	<b>85.7%</b>	<b>66.4%</b>	<b>19.3%</b>
Other	<b>1.8%</b>	<b>5.3%</b>	<b>-3.5%</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	109	<b>11.7%</b>	<b>15.6%</b>	NW	53	<b>13.6%</b>	<b>12.2%</b>
White	723	<b>88.3%</b>	<b>84.4%</b>	White	351	<b>86.4%</b>	<b>87.8%</b>
Chi-square, X-tab <sup>6</sup> : .114 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .709 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .620* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .829 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.3%</b>	<b>2.2%</b>	<b>10.9%</b>	<b>8.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>74.2%</b>	<b>4.5%</b>	<b>13.6%</b>	<b>7.6%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>83.4%</b>	<b>3.5%</b>	<b>7.5%</b>	<b>5.6%</b>			
Other	<b>81.3%</b>	<b>0.0%</b>	<b>12.5%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .688 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORTHFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>395</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>9.0%</b>	Citations per 1000				
	Passing through:		<b>91.0%</b>	18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 389)				ITP Stops <sup>3</sup> (N = 124)				
Mean age				Mean age				
<b>39.69</b>				<b>38.6</b>				
Gender %				Gender %				
Female <b>28.9%</b>				Female <b>25.8%</b>				
Male <b>71.1%</b>				Male <b>74.2%</b>				
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				
AA/Black <b>2.9%</b>				AA/Black <b>5.0%</b>				
Hispanic <b>1.6%</b>				Hispanic <b>1.7%</b>				
White <b>93.8%</b>			White <b>93.4%</b>					
Other <b>1.8%</b>			Other <b>0.0%</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>2.9%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>2.9%</b>	<b>14.4%</b>	<b>-11.5%</b>
Hispanic	<b>1.6%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>
White	<b>93.8%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>93.8%</b>	<b>66.4%</b>	<b>27.4%</b>
Other	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>90.9%</b>	<b>0.0%</b>	<b>9.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>72.9%</b>	<b>20.5%</b>	<b>6.3%</b>	<b>0.3%</b>				
Other	<b>87.5%</b>	<b>12.5%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				<b>.602</b>		<b>not sig.</b>		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>672</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.7%</b>	Citations per 1000	
	Passing through:	<b>65.3%</b>	18 + residents:	<b>40.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 619)				ITP Stops <sup>3</sup> (N = 237)			
Mean age				Mean age			
<b>37.69</b>				<b>37.66</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>33.9%</b>			
Male <b>60.2%</b>				Male <b>66.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.4%</b>				Race % Mis/Unk <sup>4</sup> <b>4.6%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>6.6%</b>			
Hispanic <b>3.0%</b>				Hispanic <b>4.4%</b>			
White <b>89.4%</b>				White <b>87.6%</b>			
Other <b>2.0%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>4.1%</b>	<b>1.5%</b>	AA/Black	<b>5.6%</b>	<b>14.4%</b>	<b>-8.8%</b>
Hispanic	<b>3.0%</b>	<b>2.7%</b>	<b>0.3%</b>	Hispanic	<b>3.0%</b>	<b>14.5%</b>	<b>-11.5%</b>
White	<b>89.4%</b>	<b>90.3%</b>	<b>-0.9%</b>	White	<b>89.4%</b>	<b>66.4%</b>	<b>23.0%</b>
Other	<b>2.0%</b>	<b>3.0%</b>	<b>-1.0%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	<b>10.4%</b>	<b>12.8%</b>	NW	28	<b>13.8%</b>	<b>12.5%</b>
White	485	<b>89.6%</b>	<b>87.2%</b>	White	181	<b>86.2%</b>	<b>87.5%</b>
Chi-square, X-tab <sup>6</sup> :		.416	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.800	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.793	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.241	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.5%</b>	<b>7.5%</b>	<b>7.5%</b>	<b>2.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>14.3%</b>	<b>14.3%</b>	<b>14.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>84.0%</b>	<b>7.9%</b>	<b>6.8%</b>	<b>1.2%</b>			
Other	<b>92.3%</b>	<b>7.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002 *	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORWELL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>286</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>27.8%</b>			Citations per 1000				
	Passing through: <b>72.2%</b>			18 + residents: <b>35.3</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 266)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
39.38					N/A			
Gender %					Gender %			
Female 50.8%					Female N/A			
Male 49.2%					Male N/A			
Non-binary 0.0%					Non-binary N/A			
Race % Mis/Unk <sup>4</sup> 1.9%					Race % Mis/Unk <sup>4</sup> N/A			
AA/Black 2.7%					AA/Black N/A			
Hispanic 4.6%					Hispanic N/A			
White 90.4%				White N/A				
Other 2.3%				Other N/A				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	2.7%	0.3%	N/A		AA/Black	2.7%	14.4%	-11.7%
Hispanic	4.6%	2.3%	N/A		Hispanic	4.6%	14.5%	-9.9%
White	90.4%	94.5%	N/A		White	90.4%	66.4%	24.0%
Other	2.3%	2.7%	N/A		Other	2.3%	4.6%	-2.3%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	25	9.4%	12.5%		NW	N/A	N/A	N/A
White	226	90.6%	87.5%		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.514	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.606	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	57.1%	14.3%	28.6%	0.0%	NW	0	N/A	
Hispanic	69.2%	0.0%	30.8%	0.0%	White	0	N/A	
White	83.5%	4.3%	10.6%	1.6%				
Other	83.3%	16.7%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :								
.219				not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORWOOD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,409</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.2%</b>	Citations per 1000	
	Passing through:	<b>62.8%</b>	18 + residents:	<b>59.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,279)				ITP Stops <sup>3</sup> (N = 552)			
Mean age				Mean age			
<b>41.62</b>				<b>41.28</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>38.9%</b>			
Male <b>63.2%</b>				Male <b>61.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>14.9%</b>				AA/Black <b>16.0%</b>			
Hispanic <b>10.7%</b>				Hispanic <b>9.0%</b>			
White <b>67.1%</b>				White <b>66.4%</b>			
Other <b>7.4%</b>				Other <b>8.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.9%</b>	<b>7.2%</b>	<b>7.7%</b>	AA/Black	<b>14.9%</b>	<b>14.4%</b>	<b>0.5%</b>
Hispanic	<b>10.7%</b>	<b>6.8%</b>	<b>3.9%</b>	Hispanic	<b>10.7%</b>	<b>14.5%</b>	<b>-3.8%</b>
White	<b>67.1%</b>	<b>80.4%</b>	<b>-13.3%</b>	White	<b>67.1%</b>	<b>66.4%</b>	<b>0.7%</b>
Other	<b>7.4%</b>	<b>7.1%</b>	<b>0.3%</b>	Other	<b>7.4%</b>	<b>4.6%</b>	<b>2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	390	<b>29.0%</b>	<b>37.8%</b>	NW	160	<b>32.5%</b>	<b>33.5%</b>
White	807	<b>71.0%</b>	<b>62.2%</b>	White	324	<b>67.5%</b>	<b>66.5%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .830 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .640* sig.				Odds ratio Exp(B) <sup>7</sup> : .598 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.9%</b>	<b>9.7%</b>	<b>14.0%</b>	<b>1.4%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>10.6%</b>	<b>22.5%</b>	<b>6.9%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>81.7%</b>	<b>8.1%</b>	<b>7.1%</b>	<b>3.1%</b>			
Other	<b>88.8%</b>	<b>7.1%</b>	<b>4.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT OAK BLUFFS POLICE DEPARTMENT

Total Citations <sup>1</sup> : 275	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		31.0%	Citations per 1000						
	Passing through:		69.0%	18 + residents: N/A						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 204)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
38.43				N/A						
Gender %				Gender %						
Female 32.0%				Female N/A						
Male 68.0%				Male N/A						
Non-binary 0.0%				Non-binary N/A						
Race % Mis/Unk <sup>4</sup> 5.4%				Race % Mis/Unk <sup>4</sup> N/A						
AA/Black 13.5%			AA/Black N/A							
Hispanic 1.6%			Hispanic N/A							
White 85.0%			White N/A							
Other 0.0%			Other N/A							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	13.5%	N/A	N/A		AA/Black	13.5%	14.4%	-0.9%		
Hispanic	1.6%	N/A	N/A		Hispanic	1.6%	14.5%	-12.9%		
White	85.0%	N/A	N/A		White	85.0%	66.4%	18.6%		
Other	0.0%	N/A	N/A		Other	0.0%	4.6%	-4.6%		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW		26	11.6%		20.0%	NW		N/A	N/A	N/A
White		158	88.4%		80.0%	White		N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.136	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.548	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	54.5%	9.1%	24.2%	12.1%	NW	1	N/A			
Hispanic	25.0%	25.0%	50.0%	0.0%	White	8	N/A			
White	39.9%	14.3%	29.6%	16.1%						
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.610		not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### OAKHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>510</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>3.8%</b>	Citations per 1000	
	Passing through:	<b>96.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 503)				ITP Stops <sup>3</sup> (N = 210)			
Mean age				Mean age			
<b>36.82</b>				<b>36.65</b>			
Gender	%			Gender	%		
Female	<b>38.2%</b>			Female	<b>29.2%</b>		
Male	<b>61.8%</b>			Male	<b>70.8%</b>		
Non-binary	<b>0.0%</b>			Non-binary	<b>0.0%</b>		
Race	%	Mis/Unk <sup>4</sup>	<b>2.4%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>1.0%</b>
AA/Black	<b>4.7%</b>			AA/Black	<b>3.4%</b>		
Hispanic	<b>7.5%</b>			Hispanic	<b>9.1%</b>		
White	<b>86.8%</b>			White	<b>85.1%</b>		
Other	<b>1.0%</b>			Other	<b>2.4%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.7%</b>	<b>14.4%</b>	<b>-9.7%</b>
Hispanic	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>86.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.8%</b>	<b>66.4%</b>	<b>20.4%</b>
Other	<b>1.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	<b>12.4%</b>	<b>13.8%</b>	NW	26	<b>14.4%</b>	<b>13.6%</b>
White	391	<b>87.6%</b>	<b>86.2%</b>	White	159	<b>85.6%</b>	<b>86.4%</b>
Chi-square, X-tab <sup>6</sup> : .667 not sig.				Chi-square, X-tab <sup>6</sup> : .870 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .892 not sig.				Odds ratio Exp(B) <sup>7</sup> : .884 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.9%</b>	<b>8.7%</b>	<b>30.4%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>67.6%</b>	<b>13.5%</b>	<b>18.9%</b>	<b>0.0%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>75.6%</b>	<b>13.7%</b>	<b>9.3%</b>	<b>1.4%</b>			
Other	<b>80.0%</b>	<b>20.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .115 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ORANGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>438</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>45.0%</b>	Citations per 1000				
	Passing through:		<b>55.0%</b>	18 + residents: <b>71.7</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 400)				ITP Stops <sup>3</sup> (N = 141)				
Mean age				Mean age				
36.13				38.21				
Gender %				Gender %				
Female 42.0%				Female 41.8%				
Male 58.0%				Male 58.2%				
Non-binary 0.0%				Non-binary 0.0%				
Race % Mis/Unk <sup>4</sup> 2.3%				Race % Mis/Unk <sup>4</sup> 1.4%				
AA/Black 3.3%				AA/Black 2.9%				
Hispanic 1.0%				Hispanic 0.7%				
White 94.9%			White 95.7%					
Other 0.8%			Other 0.7%					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	3.3%	0.6%	2.7%		AA/Black	3.3%	14.4%	-11.1%
Hispanic	1.0%	2.5%	-1.5%		Hispanic	1.0%	14.5%	-13.5%
White	94.9%	94.7%	0.2%		White	94.9%	66.4%	28.5%
Other	0.8%	3.0%	-2.2%		Other	0.8%	4.6%	-3.8%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	18	5.9%	3.5%		NW	N/A	N/A	N/A
White	343	94.1%	96.5%		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		303	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.535	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	38.5%	0.0%	38.5%	23.1%	NW	2	N/A	
Hispanic	75.0%	25.0%	0.0%	0.0%	White	5	N/A	
White	38.7%	24.5%	29.2%	7.6%				
Other	66.7%	0.0%	0.0%	33.3%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.102		not sig.		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ORLEANS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>175</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>18.4%</b>	Citations per 1000				
	Passing through:		<b>81.6%</b>	18 + residents: <b>35.6</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 125)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>40.11</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>31.2%</b>				Female <b>N/A</b>				
Male <b>68.8%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>8.3%</b>				AA/Black <b>N/A</b>				
Hispanic <b>3.3%</b>				Hispanic <b>N/A</b>				
White <b>87.6%</b>			White <b>N/A</b>					
Other <b>0.8%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>8.3%</b>	<b>3.6%</b>	<b>N/A</b>		AA/Black	<b>8.3%</b>	<b>14.4%</b>	<b>-6.1%</b>
Hispanic	<b>3.3%</b>	<b>1.9%</b>	<b>N/A</b>		Hispanic	<b>3.3%</b>	<b>14.5%</b>	<b>-11.2%</b>
White	<b>87.6%</b>	<b>93.4%</b>	<b>N/A</b>		White	<b>87.6%</b>	<b>66.4%</b>	<b>21.2%</b>
Other	<b>0.8%</b>	<b>1.8%</b>	<b>N/A</b>		Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	14	<b>15.0%</b>	<b>10.4%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	94	<b>85.0%</b>	<b>89.6%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.481	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.421	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>63.6%</b>	<b>9.1%</b>	<b>9.1%</b>	<b>18.2%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>60.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>51.9%</b>	<b>13.6%</b>	<b>26.0%</b>	<b>8.4%</b>				
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.292		not sig.		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### OXFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>684</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.8%</b>	Citations per 1000	
	Passing through:	<b>82.2%</b>	18 + residents:	<b>62.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 607)				ITP Stops <sup>3</sup> (N = 205)			
Mean age				Mean age			
<b>37.77</b>				<b>36.83</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>30.2%</b>			
Male <b>64.5%</b>				Male <b>69.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>7.6%</b>				AA/Black <b>5.5%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>5.5%</b>			
White <b>85.0%</b>				White <b>87.1%</b>			
Other <b>2.2%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>2.0%</b>	<b>5.6%</b>	AA/Black	<b>7.6%</b>	<b>14.4%</b>	<b>-6.8%</b>
Hispanic	<b>5.2%</b>	<b>5.6%</b>	<b>-0.4%</b>	Hispanic	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
White	<b>85.0%</b>	<b>87.9%</b>	<b>-2.9%</b>	White	<b>85.0%</b>	<b>66.4%</b>	<b>18.6%</b>
Other	<b>2.2%</b>	<b>5.9%</b>	<b>-3.7%</b>	Other	<b>2.2%</b>	<b>4.6%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	75	<b>11.2%</b>	<b>22.8%</b>	NW	25	<b>12.2%</b>	<b>16.0%</b>
White	475	<b>88.8%</b>	<b>77.2%</b>	White	154	<b>87.8%</b>	<b>84.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .465 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .422* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .346 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.5%</b>	<b>6.5%</b>	<b>30.4%</b>	<b>6.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>52.6%</b>	<b>2.6%</b>	<b>34.2%</b>	<b>10.5%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>65.4%</b>	<b>10.2%</b>	<b>17.4%</b>	<b>7.0%</b>			
Other	<b>87.5%</b>	<b>6.3%</b>	<b>0.0%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .037* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PALMER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>553</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.4%</b>	Citations per 1000	
	Passing through:	<b>78.6%</b>	18 + residents:	<b>55.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 437)				ITP Stops <sup>3</sup> (N = 180)			
Mean age				Mean age			
<b>37.77</b>				<b>38.47</b>			
Gender %				Gender %			
Female <b>35.5%</b>				Female <b>36.5%</b>			
Male <b>64.5%</b>				Male <b>63.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>8.5%</b>				AA/Black <b>7.3%</b>			
Hispanic <b>8.0%</b>				Hispanic <b>10.7%</b>			
White <b>80.8%</b>				White <b>79.2%</b>			
Other <b>2.8%</b>				Other <b>2.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>2.2%</b>	<b>6.3%</b>	AA/Black	<b>8.5%</b>	<b>14.4%</b>	<b>-5.9%</b>
Hispanic	<b>8.0%</b>	<b>4.5%</b>	<b>3.5%</b>	Hispanic	<b>8.0%</b>	<b>14.5%</b>	<b>-6.5%</b>
White	<b>80.8%</b>	<b>87.4%</b>	<b>-6.6%</b>	White	<b>80.8%</b>	<b>66.4%</b>	<b>14.4%</b>
Other	<b>2.8%</b>	<b>7.1%</b>	<b>-4.3%</b>	Other	<b>2.8%</b>	<b>4.6%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	77	<b>15.6%</b>	<b>23.7%</b>	NW	35	<b>15.8%</b>	<b>28.2%</b>
White	305	<b>84.4%</b>	<b>76.3%</b>	White	131	<b>84.2%</b>	<b>71.8%</b>
Chi-square, X-tab <sup>6</sup> :		.049*	<i>sig.</i>	Chi-square, X-tab <sup>6</sup> :		.053	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.621	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.434	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>12.5%</b>	<b>30.0%</b>	<b>7.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>51.3%</b>	<b>2.6%</b>	<b>28.2%</b>	<b>17.9%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>49.9%</b>	<b>6.0%</b>	<b>27.1%</b>	<b>17.1%</b>			
Other	<b>75.0%</b>	<b>16.7%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.183	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PAXTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,638</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.5%</b>	Citations per 1000	
	Passing through:	<b>91.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,631)				ITP Stops <sup>3</sup> (N = 534)			
Mean age				Mean age			
<b>35.88</b>				<b>35.89</b>			
Gender %				Gender %			
Female <b>43.6%</b>				Female <b>40.3%</b>			
Male <b>56.4%</b>				Male <b>59.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>8.1%</b>			
White <b>82.2%</b>				White <b>86.2%</b>			
Other <b>1.7%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.5%</b>	<b>14.4%</b>	<b>-6.9%</b>
Hispanic	<b>8.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
White	<b>82.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.2%</b>	<b>66.4%</b>	<b>15.8%</b>
Other	<b>1.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	281	<b>14.7%</b>	<b>25.3%</b>	NW	67	<b>14.3%</b>	<b>13.5%</b>
White	1,286	<b>85.3%</b>	<b>74.7%</b>	White	412	<b>85.7%</b>	<b>86.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .818 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .487* sig.				Odds ratio Exp(B) <sup>7</sup> : .446* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.3%</b>	<b>15.8%</b>	<b>9.2%</b>	<b>1.7%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>59.4%</b>	<b>9.4%</b>	<b>29.7%</b>	<b>1.4%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>77.6%</b>	<b>14.4%</b>	<b>7.1%</b>	<b>0.9%</b>			
Other	<b>71.4%</b>	<b>17.9%</b>	<b>10.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PEABODY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,779</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.4%</b>	Citations per 1000	
	Passing through:	<b>65.6%</b>	18 + residents:	<b>40.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,646)				ITP Stops <sup>3</sup> (N = 475)			
Mean age				Mean age			
<b>39.94</b>				<b>37.92</b>			
Gender %				Gender %			
Female <b>39.4%</b>				Female <b>37.5%</b>			
Male <b>60.6%</b>				Male <b>62.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>15.9%</b>				Hispanic <b>17.4%</b>			
White <b>74.1%</b>				White <b>75.3%</b>			
Other <b>2.5%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>3.8%</b>	<b>3.7%</b>	AA/Black	<b>7.5%</b>	<b>14.4%</b>	<b>-6.9%</b>
Hispanic	<b>15.9%</b>	<b>9.9%</b>	<b>6.0%</b>	Hispanic	<b>15.9%</b>	<b>14.5%</b>	<b>1.4%</b>
White	<b>74.1%</b>	<b>82.7%</b>	<b>-8.6%</b>	White	<b>74.1%</b>	<b>66.4%</b>	<b>7.7%</b>
Other	<b>2.5%</b>	<b>4.2%</b>	<b>-1.7%</b>	Other	<b>2.5%</b>	<b>4.6%</b>	<b>-2.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	400	<b>24.1%</b>	<b>30.7%</b>	NW	100	<b>17.9%</b>	<b>32.5%</b>
White	1,161	<b>75.9%</b>	<b>69.3%</b>	White	326	<b>82.1%</b>	<b>67.5%</b>
Chi-square, X-tab <sup>6</sup> : .013* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .832 not sig.				Odds ratio Exp(B) <sup>7</sup> : .456 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.4%</b>	<b>21.5%</b>	<b>20.8%</b>	<b>2.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>44.9%</b>	<b>24.6%</b>	<b>26.1%</b>	<b>4.3%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>60.2%</b>	<b>17.1%</b>	<b>18.4%</b>	<b>4.4%</b>			
Other	<b>61.0%</b>	<b>24.4%</b>	<b>12.2%</b>	<b>2.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PEMBROKE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>254</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>29.8%</b>	Citations per 1000				
	Passing through:		<b>70.2%</b>	18 + residents: <b>17.4</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 226)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>34.67</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>28.6%</b>				Female <b>N/A</b>				
Male <b>71.4%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>4.5%</b>				AA/Black <b>N/A</b>				
Hispanic <b>2.3%</b>				Hispanic <b>N/A</b>				
White <b>93.2%</b>			White <b>N/A</b>					
Other <b>0.0%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>4.5%</b>	<b>0.6%</b>	<b>N/A</b>		AA/Black	<b>4.5%</b>	<b>14.4%</b>	<b>-9.9%</b>
Hispanic	<b>2.3%</b>	<b>1.5%</b>	<b>N/A</b>		Hispanic	<b>2.3%</b>	<b>14.5%</b>	<b>-12.2%</b>
White	<b>93.2%</b>	<b>93.5%</b>	<b>N/A</b>		White	<b>93.2%</b>	<b>66.4%</b>	<b>26.8%</b>
Other	<b>0.0%</b>	<b>3.7%</b>	<b>N/A</b>		Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	14	<b>5.9%</b>	<b>11.8%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	173	<b>94.1%</b>	<b>88.2%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.173	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.418	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>33.3%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>16.7%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>20.0%</b>	<b>40.0%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>9</b>	<b>N/A</b>	
White	<b>48.3%</b>	<b>24.6%</b>	<b>20.7%</b>	<b>6.5%</b>				
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.441		not sig.		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PEPPERELL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>333</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>27.9%</b>	Citations per 1000		
	Passing through:		<b>72.1%</b>	18 + residents: <b>34.9</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 301)</b>				<b>ITP Stops<sup>3</sup> (N = 143)</b>		
Mean age				Mean age		
<b>32.89</b>				<b>32.81</b>		
Gender %				Gender %		
Female <b>29.4%</b>				Female <b>27.5%</b>		
Male <b>70.6%</b>				Male <b>72.5%</b>		
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>		
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>4.9%</b>		
AA/Black <b>4.1%</b>				AA/Black <b>0.0%</b>		
Hispanic <b>3.1%</b>				Hispanic <b>2.9%</b>		
White <b>91.8%</b>				White <b>95.6%</b>		
Other <b>1.0%</b>				Other <b>1.5%</b>		
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	<b>4.1%</b>	<b>0.8%</b>	<b>3.3%</b>	AA/Black	<b>4.1%</b>	<b>-10.3%</b>
Hispanic	<b>3.1%</b>	<b>2.0%</b>	<b>1.1%</b>	Hispanic	<b>3.1%</b>	<b>-11.4%</b>
White	<b>91.8%</b>	<b>93.0%</b>	<b>-1.2%</b>	White	<b>91.8%</b>	<b>25.4%</b>
Other	<b>1.0%</b>	<b>4.1%</b>	<b>-3.1%</b>	Other	<b>1.0%</b>	<b>-3.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	23	<b>6.8%</b>	<b>11.3%</b>	NW	N/A	<b>N/A N/A</b>
White	245	<b>93.2%</b>	<b>88.7%</b>	White	N/A	<b>N/A N/A</b>
Chi-square, X-tab <sup>6</sup> :		.195	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		.556	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>66.7%</b>	<b>8.3%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0 N/A</b>
Hispanic	<b>20.0%</b>	<b>10.0%</b>	<b>60.0%</b>	<b>10.0%</b>	White	<b>0 N/A</b>
White	<b>69.4%</b>	<b>6.4%</b>	<b>20.5%</b>	<b>3.7%</b>		
Other	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>		Counts Percent
Chi-square, X-tab <sup>6</sup> :		.120	not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PETERSHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>183</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>7.9%</b>	Citations per 1000						
	Passing through:		<b>92.1%</b>	18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 178)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>41.77</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>40.4%</b>				Female <b>N/A</b>						
Male <b>59.6%</b>				Male <b>N/A</b>						
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>3.4%</b>				AA/Black <b>N/A</b>						
Hispanic <b>1.1%</b>				Hispanic <b>N/A</b>						
White <b>94.9%</b>			White <b>N/A</b>							
Other <b>0.6%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>3.4%</b>	<b>14.4%</b>	<b>-11.0%</b>		
Hispanic	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>1.1%</b>	<b>14.5%</b>	<b>-13.4%</b>		
White	<b>94.9%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>94.9%</b>	<b>66.4%</b>	<b>28.5%</b>		
Other	<b>0.6%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>83.3%</b>	<b>16.7%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>			
Hispanic	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>			
White	<b>67.6%</b>	<b>28.9%</b>	<b>3.5%</b>	<b>0.0%</b>						
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> : .359					not sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PHILLIPSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>132</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>23.4%</b>			Citations per 1000				
	Passing through: <b>76.6%</b>			18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 124)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
36.16					N/A			
Gender %					Gender %			
Female 37.9%					Female N/A			
Male 62.1%					Male N/A			
Non-binary 0.0%					Non-binary N/A			
Race % Mis/Unk <sup>4</sup> 4.0%					Race % Mis/Unk <sup>4</sup> N/A			
AA/Black 2.5%					AA/Black N/A			
Hispanic 0.8%					Hispanic N/A			
White 96.6%				White N/A				
Other 0.0%				Other N/A				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	2.5%	N/A	N/A		AA/Black	2.5%	14.4%	-11.9%
Hispanic	0.8%	N/A	N/A		Hispanic	0.8%	14.5%	-13.7%
White	96.6%	N/A	N/A		White	96.6%	66.4%	30.2%
Other	0.0%	N/A	N/A		Other	0.0%	4.6%	-4.6%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	N/A	N/A	N/A		NW	N/A	N/A	N/A
White	N/A	N/A	N/A		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	33.3%	33.3%	33.3%	0.0%	NW	1	N/A	
Hispanic	0.0%	0.0%	0.0%	100.0%	White	1	N/A	
White	68.3%	11.4%	20.3%	0.0%				
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .064				not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PITTSFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,711</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>62.0%</b>	Citations per 1000	
	Passing through:	<b>38.0%</b>	18 + residents:	<b>78.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,501)				ITP Stops <sup>3</sup> (N = 842)			
Mean age				Mean age			
<b>39.78</b>				<b>37.97</b>			
Gender %				Gender %			
Female <b>40.3%</b>				Female <b>39.3%</b>			
Male <b>59.7%</b>				Male <b>60.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>			
AA/Black <b>13.3%</b>				AA/Black <b>13.4%</b>			
Hispanic <b>3.4%</b>				Hispanic <b>2.3%</b>			
White <b>82.7%</b>				White <b>83.6%</b>			
Other <b>0.5%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.3%</b>	<b>4.5%</b>	<b>8.8%</b>	AA/Black	<b>13.3%</b>	<b>14.4%</b>	<b>-1.1%</b>
Hispanic	<b>3.4%</b>	<b>6.8%</b>	<b>-3.4%</b>	Hispanic	<b>3.4%</b>	<b>14.5%</b>	<b>-11.1%</b>
White	<b>82.7%</b>	<b>83.3%</b>	<b>-0.6%</b>	White	<b>82.7%</b>	<b>66.4%</b>	<b>16.3%</b>
Other	<b>0.5%</b>	<b>6.5%</b>	<b>-6.0%</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	374	<b>13.3%</b>	<b>25.2%</b>	NW	124	<b>14.8%</b>	<b>19.2%</b>
White	1,863	<b>86.7%</b>	<b>74.8%</b>	White	624	<b>85.2%</b>	<b>80.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .113 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .365* sig.				Odds ratio Exp(B) <sup>7</sup> : .846 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.6%</b>	<b>16.0%</b>	<b>24.9%</b>	<b>2.4%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>77.2%</b>	<b>9.8%</b>	<b>10.9%</b>	<b>2.2%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>75.4%</b>	<b>14.7%</b>	<b>8.1%</b>	<b>1.9%</b>			
Other	<b>80.0%</b>	<b>6.7%</b>	<b>6.7%</b>	<b>6.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PLAINVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : 209	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		17.0%	Citations per 1000						
	Passing through:		83.0%	18 + residents: N/A						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 188)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
38.88				N/A						
Gender %				Gender %						
Female 42.6%				Female N/A						
Male 57.4%				Male N/A						
Non-binary 0.0%				Non-binary N/A						
Race % Mis/Unk <sup>4</sup> 3.7%				Race % Mis/Unk <sup>4</sup> N/A						
AA/Black 4.4%				AA/Black N/A						
Hispanic 6.1%				Hispanic N/A						
White 87.8%			White N/A							
Other 1.7%			Other N/A							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	4.4%	4.8%	N/A		AA/Black	4.4%	14.4%	-10.0%		
Hispanic	6.1%	4.5%	N/A		Hispanic	6.1%	14.5%	-8.4%		
White	87.8%	87.9%	N/A		White	87.8%	66.4%	21.4%		
Other	1.7%	4.9%	N/A		Other	1.7%	4.6%	-2.9%		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW		22	14.0%		10.6%	NW		N/A	N/A	N/A
White		151	86.0%		89.4%	White		N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.513	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		1.581	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	55.6%	22.2%	22.2%	0.0%	NW	0	N/A			
Hispanic	75.0%	16.7%	8.3%	0.0%	White	1	N/A			
White	63.4%	23.4%	10.3%	2.9%						
Other	25.0%	50.0%	25.0%	0.0%		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :										
.804				not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PLYMOUTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,930</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>57.0%</b>	Citations per 1000	
	Passing through:	<b>43.0%</b>	18 + residents:	<b>58.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,754)				ITP Stops <sup>3</sup> (N = 1,215)			
Mean age				Mean age			
<b>37.65</b>				<b>38.67</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>39.5%</b>			
Male <b>58.6%</b>				Male <b>60.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.4%</b>			
AA/Black <b>6.6%</b>				AA/Black <b>5.5%</b>			
Hispanic <b>0.6%</b>				Hispanic <b>0.8%</b>			
White <b>92.2%</b>				White <b>93.0%</b>			
Other <b>0.5%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.6%</b>	<b>1.9%</b>	<b>4.7%</b>	AA/Black	<b>6.6%</b>	<b>14.4%</b>	<b>-7.8%</b>
Hispanic	<b>0.6%</b>	<b>2.4%</b>	<b>-1.8%</b>	Hispanic	<b>0.6%</b>	<b>14.5%</b>	<b>-13.9%</b>
White	<b>92.2%</b>	<b>91.6%</b>	<b>0.6%</b>	White	<b>92.2%</b>	<b>66.4%</b>	<b>25.8%</b>
Other	<b>0.5%</b>	<b>3.8%</b>	<b>-3.3%</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	165	<b>6.6%</b>	<b>7.8%</b>	NW	68	<b>7.1%</b>	<b>5.8%</b>
White	2,144	<b>93.4%</b>	<b>92.2%</b>	White	964	<b>92.9%</b>	<b>94.2%</b>
Chi-square, X-tab <sup>6</sup> : .235 not sig.				Chi-square, X-tab <sup>6</sup> : .396 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .797 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.119 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.4%</b>	<b>17.8%</b>	<b>16.8%</b>	<b>2.1%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>41.2%</b>	<b>47.1%</b>	<b>11.8%</b>	<b>0.0%</b>	White	<b>34</b>	<b>N/A</b>
White	<b>80.5%</b>	<b>11.2%</b>	<b>8.0%</b>	<b>0.3%</b>			
Other	<b>78.6%</b>	<b>21.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PLYMPTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>125</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>7.8%</b>	Citations per 1000						
	Passing through:		<b>92.2%</b>	18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 102)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>32.53</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>34.7%</b>				Female <b>N/A</b>						
Male <b>64.4%</b>				Male <b>N/A</b>						
Non-binary <b>1.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>3.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>7.1%</b>				AA/Black <b>N/A</b>						
Hispanic <b>3.1%</b>				Hispanic <b>N/A</b>						
White <b>89.8%</b>			White <b>N/A</b>							
Other <b>0.0%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>7.1%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>7.1%</b>	<b>14.4%</b>	<b>-7.3%</b>		
Hispanic	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>		
White	<b>89.8%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>89.8%</b>	<b>66.4%</b>	<b>23.4%</b>		
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>62.5%</b>	<b>37.5%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>			
Hispanic	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>			
White	<b>45.9%</b>	<b>32.1%</b>	<b>19.3%</b>	<b>2.8%</b>						
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> : .572				not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PRINCETON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>431</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.4%</b>	Citations per 1000	
	Passing through:	<b>89.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 413)				ITP Stops <sup>3</sup> (N = 199)			
Mean age				Mean age			
<b>37.15</b>				<b>36.57</b>			
Gender %				Gender %			
Female <b>32.8%</b>				Female <b>32.7%</b>			
Male <b>67.0%</b>				Male <b>67.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.1%</b>				Race % Mis/Unk <sup>4</sup> <b>4.0%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>5.8%</b>			
Hispanic <b>2.8%</b>				Hispanic <b>3.7%</b>			
White <b>89.6%</b>				White <b>88.5%</b>			
Other <b>2.0%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.6%</b>	<b>14.4%</b>	<b>-8.8%</b>
Hispanic	<b>2.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.8%</b>	<b>14.5%</b>	<b>-11.7%</b>
White	<b>89.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.6%</b>	<b>66.4%</b>	<b>23.2%</b>
Other	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>7.7%</b>	<b>13.2%</b>	NW	19	<b>10.7%</b>	<b>11.8%</b>
White	328	<b>92.3%</b>	<b>86.8%</b>	White	149	<b>89.3%</b>	<b>88.2%</b>
Chi-square, X-tab <sup>6</sup> :		.090	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.813	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.529	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.775	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.9%</b>	<b>17.4%</b>	<b>21.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>64.3%</b>	<b>21.4%</b>	<b>14.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>76.6%</b>	<b>18.3%</b>	<b>3.5%</b>	<b>1.6%</b>			
Other	<b>55.6%</b>	<b>33.3%</b>	<b>11.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.015*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PROVINCETOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>329</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>22.2%</b>	Citations per 1000				
	Passing through:		<b>77.8%</b>	18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 307)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>43.25</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>27.4%</b>				Female <b>N/A</b>				
Male <b>72.6%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>13.8%</b>				AA/Black <b>N/A</b>				
Hispanic <b>2.7%</b>				Hispanic <b>N/A</b>				
White <b>81.8%</b>			White <b>N/A</b>					
Other <b>2.4%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>13.8%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>13.8%</b>	<b>14.4%</b>	<b>-0.6%</b>
Hispanic	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
White	<b>81.8%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>81.8%</b>	<b>66.4%</b>	<b>15.4%</b>
Other	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	53	<b>14.7%</b>	<b>26.9%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	221	<b>85.3%</b>	<b>73.1%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.013 *	sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.461 *	sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>46.5%</b>	<b>23.3%</b>	<b>20.9%</b>	<b>9.3%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>22.2%</b>	<b>33.3%</b>	<b>33.3%</b>	<b>11.1%</b>	White	<b>4</b>	<b>N/A</b>	
White	<b>45.6%</b>	<b>22.4%</b>	<b>20.8%</b>	<b>11.2%</b>				
Other	<b>85.7%</b>	<b>14.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.612 not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### QUINCY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,149</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.9%</b>	Citations per 1000	
	Passing through:	<b>59.1%</b>	18 + residents:	<b>39</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,891)				ITP Stops <sup>3</sup> (N = 1,123)			
Mean age				Mean age			
<b>39.97</b>				<b>39.38</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>36.8%</b>			
Male <b>62.4%</b>				Male <b>63.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>15.9%</b>				AA/Black <b>16.5%</b>			
Hispanic <b>5.1%</b>				Hispanic <b>4.2%</b>			
White <b>60.9%</b>				White <b>61.1%</b>			
Other <b>18.1%</b>				Other <b>18.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.9%</b>	<b>5.1%</b>	<b>10.8%</b>	AA/Black	<b>15.9%</b>	<b>14.4%</b>	<b>1.5%</b>
Hispanic	<b>5.1%</b>	<b>3.1%</b>	<b>2.0%</b>	Hispanic	<b>5.1%</b>	<b>14.5%</b>	<b>-9.4%</b>
White	<b>60.9%</b>	<b>59.0%</b>	<b>1.9%</b>	White	<b>60.9%</b>	<b>66.4%</b>	<b>-5.5%</b>
Other	<b>18.1%</b>	<b>32.6%</b>	<b>-14.5%</b>	Other	<b>18.1%</b>	<b>4.6%</b>	<b>13.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	967	<b>38.5%</b>	<b>36.7%</b>	NW	387	<b>41.2%</b>	<b>33.0%</b>
White	1,571	<b>61.5%</b>	<b>63.3%</b>	White	621	<b>58.8%</b>	<b>67.0%</b>
Chi-square, X-tab <sup>6</sup> : .446 not sig.				Chi-square, X-tab <sup>6</sup> : .011* sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.068 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.406 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.1%</b>	<b>4.8%</b>	<b>11.9%</b>	<b>3.2%</b>	NW	<b>19</b>	<b>N/A</b>
Hispanic	<b>71.0%</b>	<b>3.1%</b>	<b>18.5%</b>	<b>7.4%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>85.8%</b>	<b>3.7%</b>	<b>8.8%</b>	<b>1.7%</b>			
Other	<b>89.3%</b>	<b>5.5%</b>	<b>5.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### RANDOLPH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>971</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.0%</b>	Citations per 1000	
	Passing through:	<b>64.0%</b>	18 + residents:	<b>35.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 873)				ITP Stops <sup>3</sup> (N = 421)			
Mean age				Mean age			
<b>38.67</b>				<b>37.92</b>			
Gender	%			Gender	%		
Female	<b>33.7%</b>			Female	<b>31.3%</b>		
Male	<b>66.3%</b>			Male	<b>68.7%</b>		
Non-binary	<b>0.0%</b>			Non-binary	<b>0.0%</b>		
Race	%	Mis/Unk <sup>4</sup>	<b>7.4%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>10.7%</b>
AA/Black	<b>54.5%</b>			AA/Black	<b>50.3%</b>		
Hispanic	<b>13.2%</b>			Hispanic	<b>18.1%</b>		
White	<b>25.0%</b>			White	<b>24.5%</b>		
Other	<b>7.3%</b>			Other	<b>7.2%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>54.5%</b>	<b>44.7%</b>	<b>9.8%</b>	AA/Black	<b>54.5%</b>	<b>14.4%</b>	<b>40.1%</b>
Hispanic	<b>13.2%</b>	<b>8.8%</b>	<b>4.4%</b>	Hispanic	<b>13.2%</b>	<b>14.5%</b>	<b>-1.3%</b>
White	<b>25.0%</b>	<b>29.4%</b>	<b>-4.4%</b>	White	<b>25.0%</b>	<b>66.4%</b>	<b>-41.4%</b>
Other	<b>7.3%</b>	<b>16.5%</b>	<b>-9.2%</b>	Other	<b>7.3%</b>	<b>4.6%</b>	<b>2.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	546	<b>73.3%</b>	<b>78.8%</b>	NW	254	<b>74.5%</b>	<b>77.6%</b>
White	182	<b>26.7%</b>	<b>21.2%</b>	White	82	<b>25.5%</b>	<b>22.4%</b>
Chi-square, X-tab <sup>6</sup> :		.116	not sig.	Chi-square, X-tab <sup>6</sup> :		.537	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.672	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.831	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.5%</b>	<b>13.9%</b>	<b>16.9%</b>	<b>0.8%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>69.3%</b>	<b>18.4%</b>	<b>12.3%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>76.1%</b>	<b>11.1%</b>	<b>11.9%</b>	<b>0.9%</b>			
Other	<b>73.4%</b>	<b>17.2%</b>	<b>9.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.289	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### RAYNHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>423</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.4%</b>	Citations per 1000	
	Passing through:	<b>86.6%</b>	18 + residents:	<b>37.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 329)				ITP Stops <sup>3</sup> (N = 124)			
Mean age				Mean age			
<b>32.7</b>				<b>32.17</b>			
Gender %				Gender %			
Female <b>24.5%</b>				Female <b>31.1%</b>			
Male <b>75.5%</b>				Male <b>68.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>5.6%</b>			
AA/Black <b>24.7%</b>				AA/Black <b>12.0%</b>			
Hispanic <b>5.7%</b>				Hispanic <b>3.4%</b>			
White <b>69.0%</b>				White <b>83.8%</b>			
Other <b>0.6%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>24.7%</b>	<b>1.7%</b>	<b>23.0%</b>	AA/Black	<b>24.7%</b>	<b>14.4%</b>	<b>10.3%</b>
Hispanic	<b>5.7%</b>	<b>2.0%</b>	<b>3.7%</b>	Hispanic	<b>5.7%</b>	<b>14.5%</b>	<b>-8.8%</b>
White	<b>69.0%</b>	<b>93.3%</b>	<b>-24.3%</b>	White	<b>69.0%</b>	<b>66.4%</b>	<b>2.6%</b>
Other	<b>0.6%</b>	<b>3.2%</b>	<b>-2.6%</b>	Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	91	<b>23.8%</b>	<b>36.1%</b>	NW	17	<b>11.4%</b>	<b>18.2%</b>
White	204	<b>76.2%</b>	<b>63.9%</b>	White	93	<b>88.6%</b>	<b>81.8%</b>
Chi-square, X-tab <sup>6</sup> : .024* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .332 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .507* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .543 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>24.2%</b>	<b>24.2%</b>	<b>37.4%</b>	<b>14.1%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>4.2%</b>	<b>33.3%</b>	<b>37.5%</b>	<b>25.0%</b>	White	<b>15</b>	<b>N/A</b>
White	<b>19.4%</b>	<b>37.3%</b>	<b>26.1%</b>	<b>17.3%</b>			
Other	<b>0.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .122 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### READING POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>734</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.0%</b>	Citations per 1000	
	Passing through:	<b>75.0%</b>	18 + residents:	<b>38.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 661)				ITP Stops <sup>3</sup> (N = 298)			
Mean age				Mean age			
<b>40.52</b>				<b>40.86</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>37.6%</b>			
Male <b>63.9%</b>				Male <b>62.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.3%</b>			
AA/Black <b>7.7%</b>				AA/Black <b>6.1%</b>			
Hispanic <b>6.1%</b>				Hispanic <b>6.1%</b>			
White <b>83.3%</b>				White <b>85.5%</b>			
Other <b>2.9%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.7%</b>	<b>0.4%</b>	<b>7.3%</b>	AA/Black	<b>7.7%</b>	<b>14.4%</b>	<b>-6.7%</b>
Hispanic	<b>6.1%</b>	<b>3.0%</b>	<b>3.1%</b>	Hispanic	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
White	<b>83.3%</b>	<b>91.1%</b>	<b>-7.8%</b>	White	<b>83.3%</b>	<b>66.4%</b>	<b>16.9%</b>
Other	<b>2.9%</b>	<b>5.7%</b>	<b>-2.8%</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	103	<b>16.2%</b>	<b>18.6%</b>	NW	39	<b>13.9%</b>	<b>14.8%</b>
White	504	<b>83.8%</b>	<b>81.4%</b>	White	234	<b>86.1%</b>	<b>85.2%</b>
Chi-square, X-tab <sup>6</sup> :		.475	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.840	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.776	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.300	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.4%</b>	<b>5.3%</b>	<b>19.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>51.0%</b>	<b>6.1%</b>	<b>32.7%</b>	<b>10.2%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>79.0%</b>	<b>3.2%</b>	<b>13.6%</b>	<b>4.2%</b>			
Other	<b>89.5%</b>	<b>0.0%</b>	<b>10.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### REHOBOTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>706</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.0%</b>	Citations per 1000	
	Passing through:	<b>80.0%</b>	18 + residents:	<b>72.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 636)				ITP Stops <sup>3</sup> (N = 257)			
Mean age				Mean age			
<b>34.59</b>				<b>34.07</b>			
Gender %				Gender %			
Female <b>34.1%</b>				Female <b>32.2%</b>			
Male <b>65.6%</b>				Male <b>67.1%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.8%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>14.5%</b>				AA/Black <b>10.6%</b>			
Hispanic <b>2.9%</b>				Hispanic <b>3.1%</b>			
White <b>81.0%</b>				White <b>85.0%</b>			
Other <b>1.6%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.5%</b>	<b>0.7%</b>	<b>13.8%</b>	AA/Black	<b>14.5%</b>	<b>14.4%</b>	<b>0.1%</b>
Hispanic	<b>2.9%</b>	<b>2.8%</b>	<b>0.1%</b>	Hispanic	<b>2.9%</b>	<b>14.5%</b>	<b>-11.6%</b>
White	<b>81.0%</b>	<b>92.4%</b>	<b>-11.4%</b>	White	<b>81.0%</b>	<b>66.4%</b>	<b>14.6%</b>
Other	<b>1.6%</b>	<b>4.4%</b>	<b>-2.8%</b>	Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	110	<b>16.4%</b>	<b>24.4%</b>	NW	34	<b>13.5%</b>	<b>17.1%</b>
White	462	<b>83.6%</b>	<b>75.6%</b>	White	197	<b>86.5%</b>	<b>82.9%</b>
Chi-square, X-tab <sup>6</sup> : .021* sig.				Chi-square, X-tab <sup>6</sup> : .473 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .671 not sig.				Odds ratio Exp(B) <sup>7</sup> : .400 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.3%</b>	<b>14.7%</b>	<b>36.8%</b>	<b>3.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>21.1%</b>	<b>26.3%</b>	<b>52.6%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>53.8%</b>	<b>21.0%</b>	<b>22.2%</b>	<b>3.0%</b>			
Other	<b>30.0%</b>	<b>30.0%</b>	<b>40.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .007* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### REVERE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,589</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.6%</b>	Citations per 1000	
	Passing through:	<b>65.4%</b>	18 + residents:	<b>37.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,422)				ITP Stops <sup>3</sup> (N = 593)			
Mean age				Mean age			
<b>37.46</b>				<b>36.71</b>			
Gender %				Gender %			
Female <b>28.3%</b>				Female <b>29.2%</b>			
Male <b>71.6%</b>				Male <b>70.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.2%</b>				Race % Mis/Unk <sup>4</sup> <b>6.2%</b>			
AA/Black <b>10.3%</b>				AA/Black <b>9.0%</b>			
Hispanic <b>39.7%</b>				Hispanic <b>44.2%</b>			
White <b>44.6%</b>				White <b>41.0%</b>			
Other <b>5.4%</b>				Other <b>5.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.3%</b>	<b>5.5%</b>	<b>4.8%</b>	AA/Black	<b>10.3%</b>	<b>14.4%</b>	<b>-4.1%</b>
Hispanic	<b>39.7%</b>	<b>33.6%</b>	<b>6.1%</b>	Hispanic	<b>39.7%</b>	<b>14.5%</b>	<b>25.2%</b>
White	<b>44.6%</b>	<b>53.3%</b>	<b>-8.7%</b>	White	<b>44.6%</b>	<b>66.4%</b>	<b>-21.8%</b>
Other	<b>5.4%</b>	<b>10.5%</b>	<b>-5.1%</b>	Other	<b>5.4%</b>	<b>4.6%</b>	<b>0.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	672	<b>53.9%</b>	<b>60.8%</b>	NW	301	<b>60.7%</b>	<b>58.7%</b>
White	528	<b>46.1%</b>	<b>39.2%</b>	White	200	<b>39.3%</b>	<b>41.3%</b>
Chi-square, X-tab <sup>6</sup> : .026* sig.				Chi-square, X-tab <sup>6</sup> : .675 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .723* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.247 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.8%</b>	<b>16.4%</b>	<b>26.4%</b>	<b>4.4%</b>	NW	<b>105</b>	<b>N/A</b>
Hispanic	<b>48.2%</b>	<b>18.4%</b>	<b>31.7%</b>	<b>1.7%</b>	White	<b>84</b>	<b>N/A</b>
White	<b>54.3%</b>	<b>21.1%</b>	<b>23.5%</b>	<b>1.1%</b>			
Other	<b>67.6%</b>	<b>23.0%</b>	<b>8.1%</b>	<b>1.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ROCHESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>439</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>15.8%</b>	Citations per 1000				
	Passing through:		<b>84.2%</b>	18 + residents: <b>102.5</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 399)				ITP Stops <sup>3</sup> (N = 134)				
Mean age				Mean age				
<b>34.62</b>				<b>32.77</b>				
Gender %				Gender %				
Female <b>30.2%</b>				Female <b>24.6%</b>				
Male <b>69.8%</b>				Male <b>75.4%</b>				
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>7.0%</b>				Race % Mis/Unk <sup>4</sup> <b>6.0%</b>				
AA/Black <b>7.0%</b>				AA/Black <b>8.7%</b>				
Hispanic <b>3.5%</b>				Hispanic <b>4.8%</b>				
White <b>88.9%</b>			White <b>86.5%</b>					
Other <b>0.5%</b>			Other <b>0.0%</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>7.0%</b>	<b>0.6%</b>	<b>6.4%</b>		AA/Black	<b>7.0%</b>	<b>14.4%</b>	<b>-7.4%</b>
Hispanic	<b>3.5%</b>	<b>0.6%</b>	<b>2.9%</b>		Hispanic	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
White	<b>88.9%</b>	<b>97.4%</b>	<b>-8.5%</b>		White	<b>88.9%</b>	<b>66.4%</b>	<b>22.5%</b>
Other	<b>0.5%</b>	<b>1.1%</b>	<b>-0.6%</b>		Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	39	<b>15.5%</b>	<b>6.3%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	296	<b>84.5%</b>	<b>93.7%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.009*	sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		2.457*	sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>40.7%</b>	<b>18.5%</b>	<b>37.0%</b>	<b>3.7%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>43.8%</b>	<b>12.5%</b>	<b>37.5%</b>	<b>6.3%</b>	White	<b>1</b>	<b>N/A</b>	
White	<b>48.6%</b>	<b>25.0%</b>	<b>20.6%</b>	<b>5.8%</b>				
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.545 not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ROCKLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>715</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.9%</b>	Citations per 1000	
	Passing through:	<b>73.1%</b>	18 + residents:	<b>51</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 642)				ITP Stops <sup>3</sup> (N = 275)			
Mean age				Mean age			
<b>36</b>				<b>34.72</b>			
Gender %				Gender %			
Female <b>34.9%</b>				Female <b>36.2%</b>			
Male <b>65.1%</b>				Male <b>63.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.1%</b>				Race % Mis/Unk <sup>4</sup> <b>7.3%</b>			
AA/Black <b>9.5%</b>				AA/Black <b>10.6%</b>			
Hispanic <b>1.1%</b>				Hispanic <b>1.2%</b>			
White <b>88.5%</b>				White <b>87.1%</b>			
Other <b>0.8%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.5%</b>	<b>3.0%</b>	<b>6.5%</b>	AA/Black	<b>9.5%</b>	<b>14.4%</b>	<b>-4.9%</b>
Hispanic	<b>1.1%</b>	<b>3.1%</b>	<b>-2.0%</b>	Hispanic	<b>1.1%</b>	<b>14.5%</b>	<b>-13.4%</b>
White	<b>88.5%</b>	<b>91.5%</b>	<b>-3.0%</b>	White	<b>88.5%</b>	<b>66.4%</b>	<b>22.1%</b>
Other	<b>0.8%</b>	<b>1.6%</b>	<b>-0.8%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	63	<b>10.8%</b>	<b>12.5%</b>	NW	29	<b>14.3%</b>	<b>11.0%</b>
White	493	<b>89.2%</b>	<b>87.5%</b>	White	193	<b>85.7%</b>	<b>89.0%</b>
Chi-square, X-tab <sup>6</sup> :		.554	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.480	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.796	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.937	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>9.5%</b>	<b>20.6%</b>	<b>3.2%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>14.3%</b>	<b>0.0%</b>	<b>57.1%</b>	<b>28.6%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>74.0%</b>	<b>6.6%</b>	<b>15.0%</b>	<b>4.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.003*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ROCKPORT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>235</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>40.1%</b>	Citations per 1000						
	Passing through:		<b>59.9%</b>	18 + residents: <b>37.8</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 223)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>48.57</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>43.5%</b>				Female <b>N/A</b>						
Male <b>56.1%</b>				Male <b>N/A</b>						
Non-binary <b>0.4%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>3.2%</b>				AA/Black <b>N/A</b>						
Hispanic <b>4.1%</b>				Hispanic <b>N/A</b>						
White <b>91.0%</b>			White <b>N/A</b>							
Other <b>1.8%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>3.2%</b>	<b>0.1%</b>	<b>N/A</b>		AA/Black	<b>3.2%</b>	<b>14.4%</b>	<b>-11.2%</b>		
Hispanic	<b>4.1%</b>	<b>0.7%</b>	<b>N/A</b>		Hispanic	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>		
White	<b>91.0%</b>	<b>96.5%</b>	<b>N/A</b>		White	<b>91.0%</b>	<b>66.4%</b>	<b>24.6%</b>		
Other	<b>1.8%</b>	<b>1.2%</b>	<b>N/A</b>		Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW		18	<b>7.7%</b>		<b>15.0%</b>	NW		N/A	<b>N/A</b>	<b>N/A</b>
White		178	<b>92.3%</b>		<b>85.0%</b>	White		N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.153	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.490	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>57.1%</b>	<b>14.3%</b>	<b>28.6%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>			
Hispanic	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>			
White	<b>73.9%</b>	<b>8.1%</b>	<b>16.1%</b>	<b>1.9%</b>						
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.635		not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ROWLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>418</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>13.2%</b>	Citations per 1000				
	Passing through:		<b>86.8%</b>	18 + residents: <b>82.6</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 402)				ITP Stops <sup>3</sup> (N = 124)				
Mean age				Mean age				
<b>38.31</b>				<b>39.54</b>				
Gender %				Gender %				
Female <b>35.3%</b>				Female <b>31.4%</b>				
Male <b>64.7%</b>				Male <b>68.6%</b>				
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				
AA/Black <b>1.5%</b>				AA/Black <b>1.6%</b>				
Hispanic <b>9.3%</b>				Hispanic <b>9.8%</b>				
White <b>88.4%</b>			White <b>88.6%</b>					
Other <b>0.8%</b>			Other <b>0.0%</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>1.5%</b>	<b>1.2%</b>	<b>0.3%</b>		AA/Black	<b>1.5%</b>	<b>14.4%</b>	<b>-12.9%</b>
Hispanic	<b>9.3%</b>	<b>0.8%</b>	<b>8.5%</b>		Hispanic	<b>9.3%</b>	<b>14.5%</b>	<b>-5.2%</b>
White	<b>88.4%</b>	<b>95.4%</b>	<b>-7.0%</b>		White	<b>88.4%</b>	<b>66.4%</b>	<b>22.0%</b>
Other	<b>0.8%</b>	<b>2.7%</b>	<b>-1.9%</b>		Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	41	<b>11.3%</b>	<b>9.6%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	339	<b>88.7%</b>	<b>90.4%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.639	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.285	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>14.3%</b>	<b>28.6%</b>	<b>28.6%</b>	<b>28.6%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>18.4%</b>	<b>13.2%</b>	<b>63.2%</b>	<b>5.3%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>48.4%</b>	<b>30.1%</b>	<b>16.9%</b>	<b>4.6%</b>				
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.000* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ROYALSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>125</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>7.8%</b>			Citations per 1000			
	Passing through: <b>92.2%</b>			18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
All Stops <sup>2</sup> (N = 102)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>32.53</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>34.7%</b>				Female <b>N/A</b>			
Male <b>64.4%</b>				Male <b>N/A</b>			
Non-binary <b>1.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>7.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.1%</b>				Hispanic <b>N/A</b>			
White <b>89.8%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>7.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.1%</b>	<b>14.4%</b>	<b>-7.3%</b>
Hispanic	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
White	<b>89.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.8%</b>	<b>66.4%</b>	<b>23.4%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.5%</b>	<b>37.5%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>45.9%</b>	<b>32.1%</b>	<b>19.3%</b>	<b>2.8%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .572				not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT RUSSELL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,209</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>7.3%</b>			Citations per 1000			
	Passing through: <b>92.7%</b>			18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 1,205)</b>				<b>ITP Stops<sup>3</sup> (N = 480)</b>			
Mean age				Mean age			
<b>45.19</b>				<b>42.95</b>			
Gender %				Gender %			
Female <b>45.8%</b>				Female <b>44.9%</b>			
Male <b>54.2%</b>				Male <b>55.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.8%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>1.3%</b>				AA/Black <b>1.5%</b>			
Hispanic <b>2.6%</b>				Hispanic <b>1.3%</b>			
White <b>95.5%</b>				White <b>96.5%</b>			
Other <b>0.5%</b>				Other <b>0.7%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>1.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.3%</b>	<b>14.4%</b>	<b>-13.1%</b>
Hispanic	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.6%</b>	<b>14.5%</b>	<b>-11.9%</b>
White	<b>95.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>95.5%</b>	<b>66.4%</b>	<b>29.1%</b>
Other	<b>0.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	49	<b>4.7%</b>	<b>3.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	1,029	<b>95.3%</b>	<b>96.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.553	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.190	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>13.3%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>80.0%</b>	<b>13.3%</b>	<b>6.7%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>88.0%</b>	<b>10.3%</b>	<b>1.7%</b>	<b>0.0%</b>			
Other	<b>50.0%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000* sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### RUTLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>943</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.5%</b>	Citations per 1000	
	Passing through:	<b>77.5%</b>	18 + residents:	<b>144.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 924)				ITP Stops <sup>3</sup> (N = 201)			
Mean age				Mean age			
<b>36.86</b>				<b>35.2</b>			
Gender %				Gender %			
Female <b>35.5%</b>				Female <b>30.7%</b>			
Male <b>64.4%</b>				Male <b>69.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.5%</b>				AA/Black <b>4.0%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>9.0%</b>			
White <b>83.6%</b>				White <b>81.9%</b>			
Other <b>2.4%</b>				Other <b>5.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.5%</b>	<b>0.0%</b>	<b>6.5%</b>	AA/Black	<b>6.5%</b>	<b>14.4%</b>	<b>-7.9%</b>
Hispanic	<b>7.5%</b>	<b>3.3%</b>	<b>4.2%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>83.6%</b>	<b>92.1%</b>	<b>-8.5%</b>	White	<b>83.6%</b>	<b>66.4%</b>	<b>17.2%</b>
Other	<b>2.4%</b>	<b>5.6%</b>	<b>-3.2%</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	147	<b>14.6%</b>	<b>20.1%</b>	NW	34	<b>16.7%</b>	<b>20.0%</b>
White	745	<b>85.4%</b>	<b>79.9%</b>	White	151	<b>83.3%</b>	<b>80.0%</b>
Chi-square, X-tab <sup>6</sup> : .038* sig.				Chi-square, X-tab <sup>6</sup> : .558 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .799 not sig.				Odds ratio Exp(B) <sup>7</sup> : .564 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.1%</b>	<b>3.4%</b>	<b>13.6%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>68.1%</b>	<b>4.3%</b>	<b>24.6%</b>	<b>2.9%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>70.8%</b>	<b>13.6%</b>	<b>12.2%</b>	<b>3.3%</b>			
Other	<b>56.5%</b>	<b>8.7%</b>	<b>21.7%</b>	<b>13.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SALEM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>5,318</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>33.9%</b>	Citations per 1000	
	Passing through:	<b>66.1%</b>	18 + residents:	<b>146.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,945)				ITP Stops <sup>3</sup> (N = 1,815)			
Mean age				Mean age			
<b>37.52</b>				<b>37.3</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>41.3%</b>			
Male <b>58.6%</b>				Male <b>58.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.2%</b>				Race % Mis/Unk <sup>4</sup> <b>4.0%</b>			
AA/Black <b>8.1%</b>				AA/Black <b>8.5%</b>			
Hispanic <b>15.7%</b>				Hispanic <b>14.9%</b>			
White <b>74.6%</b>				White <b>75.5%</b>			
Other <b>1.5%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.1%</b>	<b>6.6%</b>	<b>1.5%</b>	AA/Black	<b>8.1%</b>	<b>14.4%</b>	<b>-6.3%</b>
Hispanic	<b>15.7%</b>	<b>17.8%</b>	<b>-2.1%</b>	Hispanic	<b>15.7%</b>	<b>14.5%</b>	<b>1.2%</b>
White	<b>74.6%</b>	<b>71.8%</b>	<b>2.8%</b>	White	<b>74.6%</b>	<b>66.4%</b>	<b>8.2%</b>
Other	<b>1.5%</b>	<b>6.9%</b>	<b>-5.4%</b>	Other	<b>1.5%</b>	<b>4.6%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,104	<b>21.4%</b>	<b>33.6%</b>	NW	374	<b>21.7%</b>	<b>28.6%</b>
White	3,304	<b>78.6%</b>	<b>66.4%</b>	White	1,175	<b>78.3%</b>	<b>71.4%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.002*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.532*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.600*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.4%</b>	<b>26.3%</b>	<b>7.1%</b>	<b>3.2%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>53.5%</b>	<b>36.3%</b>	<b>6.2%</b>	<b>4.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>59.2%</b>	<b>35.4%</b>	<b>3.5%</b>	<b>2.0%</b>			
Other	<b>57.7%</b>	<b>41.0%</b>	<b>1.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SALISBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>936</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.5%</b>	Citations per 1000	
	Passing through:	<b>77.5%</b>	18 + residents:	<b>144</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 895)				ITP Stops <sup>3</sup> (N = 463)			
Mean age				Mean age			
<b>40.32</b>				<b>40.26</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>34.0%</b>			
Male <b>63.2%</b>				Male <b>66.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>2.3%</b>				AA/Black <b>2.0%</b>			
Hispanic <b>7.9%</b>				Hispanic <b>8.6%</b>			
White <b>88.2%</b>				White <b>88.1%</b>			
Other <b>1.6%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.3%</b>	<b>0.7%</b>	<b>1.6%</b>	AA/Black	<b>2.3%</b>	<b>14.4%</b>	<b>-12.1%</b>
Hispanic	<b>7.9%</b>	<b>3.6%</b>	<b>4.3%</b>	Hispanic	<b>7.9%</b>	<b>14.5%</b>	<b>-6.6%</b>
White	<b>88.2%</b>	<b>92.8%</b>	<b>-4.6%</b>	White	<b>88.2%</b>	<b>66.4%</b>	<b>21.8%</b>
Other	<b>1.6%</b>	<b>2.4%</b>	<b>-0.8%</b>	Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	98	<b>10.5%</b>	<b>13.6%</b>	NW	50	<b>13.2%</b>	<b>10.8%</b>
White	725	<b>89.5%</b>	<b>86.4%</b>	White	363	<b>86.8%</b>	<b>89.2%</b>
Chi-square, X-tab <sup>6</sup> :		.181	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.445	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.668	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.997	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.6%</b>	<b>9.5%</b>	<b>33.3%</b>	<b>9.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>60.6%</b>	<b>5.6%</b>	<b>25.4%</b>	<b>8.5%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>66.5%</b>	<b>16.6%</b>	<b>14.6%</b>	<b>2.4%</b>			
Other	<b>62.5%</b>	<b>6.3%</b>	<b>25.0%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.001*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SANDWICH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,090</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.3%</b>	Citations per 1000	
	Passing through:	<b>82.7%</b>	18 + residents:	<b>65.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,029)				ITP Stops <sup>3</sup> (N = 408)			
Mean age				Mean age			
<b>39.81</b>				<b>38.78</b>			
Gender %				Gender %			
Female <b>43.0%</b>				Female <b>40.7%</b>			
Male <b>57.0%</b>				Male <b>59.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>5.8%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>1.8%</b>				Hispanic <b>2.0%</b>			
White <b>90.5%</b>				White <b>89.9%</b>			
Other <b>2.0%</b>				Other <b>2.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.8%</b>	<b>1.0%</b>	<b>4.8%</b>	AA/Black	<b>5.8%</b>	<b>14.4%</b>	<b>-8.6%</b>
Hispanic	<b>1.8%</b>	<b>2.1%</b>	<b>-0.3%</b>	Hispanic	<b>1.8%</b>	<b>14.5%</b>	<b>-12.7%</b>
White	<b>90.5%</b>	<b>93.0%</b>	<b>-2.5%</b>	White	<b>90.5%</b>	<b>66.4%</b>	<b>24.1%</b>
Other	<b>2.0%</b>	<b>2.8%</b>	<b>-0.8%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	95	<b>7.9%</b>	<b>14.0%</b>	NW	40	<b>8.8%</b>	<b>13.5%</b>
White	864	<b>92.1%</b>	<b>86.0%</b>	White	319	<b>91.2%</b>	<b>86.5%</b>
Chi-square, X-tab <sup>6</sup> : .003* sig.				Chi-square, X-tab <sup>6</sup> : .162 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .499* sig.				Odds ratio Exp(B) <sup>7</sup> : .875 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.6%</b>	<b>17.5%</b>	<b>30.2%</b>	<b>4.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>68.4%</b>	<b>5.3%</b>	<b>15.8%</b>	<b>10.5%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>66.5%</b>	<b>16.1%</b>	<b>12.0%</b>	<b>5.4%</b>			
Other	<b>85.0%</b>	<b>10.0%</b>	<b>5.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SAUGUS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>275</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>20.7%</b>	Citations per 1000				
	Passing through:		<b>79.3%</b>	18 + residents: <b>11.7</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 193)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>35.52</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>23.8%</b>				Female <b>N/A</b>				
Male <b>76.2%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>5.2%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>12.6%</b>				AA/Black <b>N/A</b>				
Hispanic <b>8.7%</b>				Hispanic <b>N/A</b>				
White <b>77.0%</b>			White <b>N/A</b>					
Other <b>1.6%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>12.6%</b>	<b>2.1%</b>	<b>N/A</b>		AA/Black	<b>12.6%</b>	<b>14.4%</b>	<b>-1.8%</b>
Hispanic	<b>8.7%</b>	<b>8.6%</b>	<b>N/A</b>		Hispanic	<b>8.7%</b>	<b>14.5%</b>	<b>-5.8%</b>
White	<b>77.0%</b>	<b>83.3%</b>	<b>N/A</b>		White	<b>77.0%</b>	<b>66.4%</b>	<b>10.6%</b>
Other	<b>1.6%</b>	<b>5.8%</b>	<b>N/A</b>		Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	38	<b>18.1%</b>	<b>28.4%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	122	<b>81.9%</b>	<b>71.6%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.126	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.557	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>35.7%</b>	<b>17.9%</b>	<b>46.4%</b>	<b>0.0%</b>	NW	<b>4</b>	<b>N/A</b>	
Hispanic	<b>22.2%</b>	<b>7.4%</b>	<b>63.0%</b>	<b>7.4%</b>	White	<b>11</b>	<b>N/A</b>	
White	<b>22.0%</b>	<b>24.0%</b>	<b>50.0%</b>	<b>4.0%</b>				
Other	<b>75.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>25.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.023* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SCITUATE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>193</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>58.4%</b>	Citations per 1000						
	Passing through:		<b>41.6%</b>	18 + residents: <b>13</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 161)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>37.16</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>35.4%</b>				Female <b>N/A</b>						
Male <b>64.6%</b>				Male <b>N/A</b>						
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>12.4%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>0.7%</b>				AA/Black <b>N/A</b>						
Hispanic <b>2.8%</b>				Hispanic <b>N/A</b>						
White <b>95.0%</b>			White <b>N/A</b>							
Other <b>1.4%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>0.7%</b>	<b>0.7%</b>	<b>0.0%</b>		AA/Black	<b>0.7%</b>	<b>14.4%</b>	<b>-13.7%</b>		
Hispanic	<b>2.8%</b>	<b>1.0%</b>	<b>1.8%</b>		Hispanic	<b>2.8%</b>	<b>14.5%</b>	<b>-11.7%</b>		
White	<b>95.0%</b>	<b>95.3%</b>	<b>-0.3%</b>		White	<b>95.0%</b>	<b>66.4%</b>	<b>28.6%</b>		
Other	<b>1.4%</b>	<b>1.6%</b>	<b>-0.2%</b>		Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>50.0%</b>	NW	<b>0</b>	<b>N/A</b>			
Hispanic	<b>20.0%</b>	<b>0.0%</b>	<b>80.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>			
White	<b>47.2%</b>	<b>23.3%</b>	<b>15.3%</b>	<b>14.1%</b>						
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> : .020* sig.										
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SEEKONK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,612</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.7%</b>	Citations per 1000	
	Passing through:	<b>79.3%</b>	18 + residents:	<b>130.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,356)				ITP Stops <sup>3</sup> (N = 479)			
Mean age				Mean age			
<b>37.32</b>				<b>37.18</b>			
Gender %				Gender %			
Female <b>35.1%</b>				Female <b>31.1%</b>			
Male <b>64.9%</b>				Male <b>68.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>13.8%</b>				AA/Black <b>11.1%</b>			
Hispanic <b>6.3%</b>				Hispanic <b>5.7%</b>			
White <b>79.0%</b>				White <b>82.1%</b>			
Other <b>0.9%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.8%</b>	<b>1.0%</b>	<b>12.8%</b>	AA/Black	<b>13.8%</b>	<b>14.4%</b>	<b>-0.6%</b>
Hispanic	<b>6.3%</b>	<b>2.5%</b>	<b>3.8%</b>	Hispanic	<b>6.3%</b>	<b>14.5%</b>	<b>-8.2%</b>
White	<b>79.0%</b>	<b>92.3%</b>	<b>-13.3%</b>	White	<b>79.0%</b>	<b>66.4%</b>	<b>12.6%</b>
Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>	Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	271	<b>15.5%</b>	<b>30.7%</b>	NW	80	<b>15.1%</b>	<b>23.8%</b>
White	984	<b>84.5%</b>	<b>69.3%</b>	White	341	<b>84.9%</b>	<b>76.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .023* sig.			
Odds ratio Exp(B) <sup>7</sup> : .464* sig.				Odds ratio Exp(B) <sup>7</sup> : .609 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.7%</b>	<b>12.4%</b>	<b>15.2%</b>	<b>6.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>57.7%</b>	<b>16.3%</b>	<b>20.2%</b>	<b>5.8%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>73.0%</b>	<b>17.4%</b>	<b>7.7%</b>	<b>1.9%</b>			
Other	<b>46.7%</b>	<b>40.0%</b>	<b>13.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHARON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,484</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.3%</b>	Citations per 1000	
	Passing through:	<b>69.7%</b>	18 + residents:	<b>107.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,451)				ITP Stops <sup>3</sup> (N = 555)			
Mean age				Mean age			
<b>39.76</b>				<b>38.04</b>			
Gender %				Gender %			
Female <b>40.5%</b>				Female <b>36.9%</b>			
Male <b>59.4%</b>				Male <b>62.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>15.4%</b>				AA/Black <b>14.6%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>5.7%</b>			
White <b>70.9%</b>				White <b>70.9%</b>			
Other <b>8.6%</b>				Other <b>8.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.4%</b>	<b>2.6%</b>	<b>12.8%</b>	AA/Black	<b>15.4%</b>	<b>14.4%</b>	<b>1.0%</b>
Hispanic	<b>5.0%</b>	<b>5.4%</b>	<b>-0.4%</b>	Hispanic	<b>5.0%</b>	<b>14.5%</b>	<b>-9.5%</b>
White	<b>70.9%</b>	<b>73.1%</b>	<b>-2.2%</b>	White	<b>70.9%</b>	<b>66.4%</b>	<b>4.5%</b>
Other	<b>8.6%</b>	<b>18.5%</b>	<b>-9.9%</b>	Other	<b>8.6%</b>	<b>4.6%</b>	<b>4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	393	<b>26.2%</b>	<b>38.5%</b>	NW	141	<b>30.4%</b>	<b>26.2%</b>
White	953	<b>73.8%</b>	<b>61.5%</b>	White	341	<b>69.6%</b>	<b>73.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .363 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .580* sig.				Odds ratio Exp(B) <sup>7</sup> : .859 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.2%</b>	<b>5.8%</b>	<b>5.8%</b>	<b>2.2%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>81.1%</b>	<b>8.1%</b>	<b>10.8%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>93.3%</b>	<b>4.4%</b>	<b>2.1%</b>	<b>0.2%</b>			
Other	<b>93.0%</b>	<b>7.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SHEFFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>364</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>15.8%</b>	Citations per 1000						
	Passing through:		<b>84.2%</b>	18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 342)				ITP Stops <sup>3</sup> (N = 103)						
Mean age				Mean age						
<b>43.55</b>				<b>39.54</b>						
Gender %				Gender %						
Female <b>34.9%</b>				Female <b>23.3%</b>						
Male <b>65.1%</b>				Male <b>76.7%</b>						
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>						
Race % Mis/Unk <sup>4</sup> <b>4.4%</b>				Race % Mis/Unk <sup>4</sup> <b>3.9%</b>						
AA/Black <b>4.6%</b>				AA/Black <b>5.1%</b>						
Hispanic <b>5.8%</b>				Hispanic <b>5.1%</b>						
White <b>88.1%</b>			White <b>88.9%</b>							
Other <b>1.5%</b>			Other <b>0.7%</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>4.6%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>4.6%</b>	<b>14.4%</b>	<b>-9.8%</b>		
Hispanic	<b>5.8%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>		
White	<b>88.1%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>88.1%</b>	<b>66.4%</b>	<b>21.7%</b>		
Other	<b>1.5%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>1.5%</b>	<b>4.6%</b>	<b>-3.1%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	35	<b>11.8%</b>	<b>12.3%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	258	<b>88.2%</b>	<b>87.7%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		.896	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.774	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>66.7%</b>	<b>13.3%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>			
Hispanic	<b>63.2%</b>	<b>15.8%</b>	<b>15.8%</b>	<b>5.3%</b>	White	<b>3</b>	<b>N/A</b>			
White	<b>65.2%</b>	<b>18.1%</b>	<b>15.2%</b>	<b>1.6%</b>						
Other	<b>40.0%</b>	<b>60.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> : .508 not sig.										
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SHELBURNE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>334</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>5.5%</b>	Citations per 1000				
	Passing through:		<b>94.5%</b>	18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 311)				ITP Stops <sup>3</sup> (N = 157)				
Mean age				Mean age				
<b>37.95</b>				<b>38.92</b>				
Gender %				Gender %				
Female <b>26.8%</b>				Female <b>30.6%</b>				
Male <b>73.2%</b>				Male <b>69.4%</b>				
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>4.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				
AA/Black <b>1.7%</b>				AA/Black <b>2.0%</b>				
Hispanic <b>3.0%</b>				Hispanic <b>2.0%</b>				
White <b>93.6%</b>			White <b>93.4%</b>					
Other <b>1.7%</b>			Other <b>2.6%</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>1.7%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>1.7%</b>	<b>14.4%</b>	<b>-12.7%</b>
Hispanic	<b>3.0%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>3.0%</b>	<b>14.5%</b>	<b>-11.5%</b>
White	<b>93.6%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>93.6%</b>	<b>66.4%</b>	<b>27.2%</b>
Other	<b>1.7%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	19	<b>4.2%</b>	<b>9.2%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	267	<b>95.8%</b>	<b>90.8%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.090	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.382	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>60.0%</b>	<b>40.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>10.0%</b>	<b>40.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>	
White	<b>76.7%</b>	<b>13.3%</b>	<b>8.3%</b>	<b>1.7%</b>				
Other	<b>40.0%</b>	<b>60.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.000* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHERBORN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,058</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.2%</b>	Citations per 1000	
	Passing through:	<b>89.8%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,010)				ITP Stops <sup>3</sup> (N = 625)			
Mean age				Mean age			
<b>39.67</b>				<b>39.2</b>			
Gender %				Gender %			
Female <b>40.6%</b>				Female <b>38.2%</b>			
Male <b>59.4%</b>				Male <b>61.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>8.3%</b>				AA/Black <b>7.8%</b>			
Hispanic <b>10.1%</b>				Hispanic <b>11.9%</b>			
White <b>76.8%</b>				White <b>74.9%</b>			
Other <b>4.8%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.3%</b>	<b>14.4%</b>	<b>-6.1%</b>
Hispanic	<b>10.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>10.1%</b>	<b>14.5%</b>	<b>-4.4%</b>
White	<b>76.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.8%</b>	<b>66.4%</b>	<b>10.4%</b>
Other	<b>4.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.8%</b>	<b>4.6%</b>	<b>0.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	447	<b>20.6%</b>	<b>28.5%</b>	NW	137	<b>25.3%</b>	<b>24.3%</b>
White	1,488	<b>79.4%</b>	<b>71.5%</b>	White	414	<b>74.7%</b>	<b>75.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.784	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.640*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.933	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.3%</b>	<b>17.4%</b>	<b>9.3%</b>	<b>2.9%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>44.2%</b>	<b>19.1%</b>	<b>34.9%</b>	<b>1.9%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>81.4%</b>	<b>11.1%</b>	<b>6.9%</b>	<b>0.5%</b>			
Other	<b>83.3%</b>	<b>15.6%</b>	<b>1.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHIRLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>433</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.9%</b>	Citations per 1000	
	Passing through:	<b>77.1%</b>	18 + residents:	<b>64.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 423)				ITP Stops <sup>3</sup> (N = 203)			
Mean age				Mean age			
<b>39.16</b>				<b>37.3</b>			
Gender %				Gender %			
Female <b>39.3%</b>				Female <b>38.3%</b>			
Male <b>60.7%</b>				Male <b>61.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.4%</b>			
AA/Black <b>9.3%</b>				AA/Black <b>8.7%</b>			
Hispanic <b>12.7%</b>				Hispanic <b>11.2%</b>			
White <b>75.5%</b>				White <b>77.0%</b>			
Other <b>2.5%</b>				Other <b>3.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.3%</b>	<b>8.5%</b>	<b>0.8%</b>	AA/Black	<b>9.3%</b>	<b>14.4%</b>	<b>-5.1%</b>
Hispanic	<b>12.7%</b>	<b>9.8%</b>	<b>2.9%</b>	Hispanic	<b>12.7%</b>	<b>14.5%</b>	<b>-1.8%</b>
White	<b>75.5%</b>	<b>74.9%</b>	<b>0.6%</b>	White	<b>75.5%</b>	<b>66.4%</b>	<b>9.1%</b>
Other	<b>2.5%</b>	<b>7.1%</b>	<b>-4.6%</b>	Other	<b>2.5%</b>	<b>4.6%</b>	<b>-2.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	90	<b>24.6%</b>	<b>20.5%</b>	NW	37	<b>23.3%</b>	<b>17.5%</b>
White	288	<b>75.4%</b>	<b>79.5%</b>	White	136	<b>76.7%</b>	<b>82.5%</b>
Chi-square, X-tab <sup>6</sup> : .466 not sig.				Chi-square, X-tab <sup>6</sup> : .387 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.243 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.832 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.5%</b>	<b>20.5%</b>	<b>12.8%</b>	<b>5.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>55.8%</b>	<b>28.8%</b>	<b>13.5%</b>	<b>1.9%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>70.3%</b>	<b>24.0%</b>	<b>5.0%</b>	<b>0.6%</b>			
Other	<b>70.0%</b>	<b>30.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .059 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHREWSBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,945</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.7%</b>	Citations per 1000	
	Passing through:	<b>76.3%</b>	18 + residents:	<b>65.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,874)				ITP Stops <sup>3</sup> (N = 859)			
Mean age				Mean age			
<b>35.26</b>				<b>35.54</b>			
Gender %				Gender %			
Female <b>33.8%</b>				Female <b>33.7%</b>			
Male <b>66.0%</b>				Male <b>66.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>4.9%</b>			
AA/Black <b>15.8%</b>				AA/Black <b>15.2%</b>			
Hispanic <b>15.7%</b>				Hispanic <b>15.1%</b>			
White <b>58.5%</b>				White <b>59.5%</b>			
Other <b>10.0%</b>				Other <b>10.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.8%</b>	<b>3.0%</b>	<b>12.8%</b>	AA/Black	<b>15.8%</b>	<b>14.4%</b>	<b>1.4%</b>
Hispanic	<b>15.7%</b>	<b>4.8%</b>	<b>10.9%</b>	Hispanic	<b>15.7%</b>	<b>14.5%</b>	<b>1.2%</b>
White	<b>58.5%</b>	<b>69.9%</b>	<b>-11.4%</b>	White	<b>58.5%</b>	<b>66.4%</b>	<b>-7.9%</b>
Other	<b>10.0%</b>	<b>22.8%</b>	<b>-12.8%</b>	Other	<b>10.0%</b>	<b>4.6%</b>	<b>5.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	686	<b>36.9%</b>	<b>45.8%</b>	NW	298	<b>38.6%</b>	<b>41.5%</b>
White	983	<b>63.1%</b>	<b>54.2%</b>	White	449	<b>61.4%</b>	<b>58.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .421 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .695* sig.				Odds ratio Exp(B) <sup>7</sup> : .783 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.3%</b>	<b>17.2%</b>	<b>6.2%</b>	<b>1.4%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>73.3%</b>	<b>14.9%</b>	<b>5.7%</b>	<b>6.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>76.3%</b>	<b>15.8%</b>	<b>4.4%</b>	<b>3.5%</b>			
Other	<b>71.3%</b>	<b>26.0%</b>	<b>1.1%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SHUTESBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>108</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>4.7%</b>	Citations per 1000						
	Passing through:		<b>95.3%</b>	18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 106)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>30.57</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>36.5%</b>				Female <b>N/A</b>						
Male <b>63.5%</b>				Male <b>N/A</b>						
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>6.6%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>8.1%</b>				AA/Black <b>N/A</b>						
Hispanic <b>0.0%</b>				Hispanic <b>N/A</b>						
White <b>83.8%</b>			White <b>N/A</b>							
Other <b>8.1%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>8.1%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>8.1%</b>	<b>14.4%</b>	<b>-6.3%</b>		
Hispanic	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>0.0%</b>	<b>14.5%</b>	<b>-14.5%</b>		
White	<b>83.8%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>83.8%</b>	<b>66.4%</b>	<b>17.4%</b>		
Other	<b>8.1%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>8.1%</b>	<b>4.6%</b>	<b>3.5%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>			
Hispanic	<b>62.5%</b>	<b>37.5%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>			
White	<b>72.9%</b>	<b>24.7%</b>	<b>2.4%</b>	<b>0.0%</b>						
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> : .430				not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOMERSET POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,291</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.0%</b>	Citations per 1000	
	Passing through:	<b>64.0%</b>	18 + residents:	<b>223.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,048)				ITP Stops <sup>3</sup> (N = 1,225)			
Mean age				Mean age			
<b>38.99</b>				<b>38.28</b>			
Gender %				Gender %			
Female <b>44.2%</b>				Female <b>41.4%</b>			
Male <b>55.8%</b>				Male <b>58.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>3.8%</b>			
Hispanic <b>2.7%</b>				Hispanic <b>1.8%</b>			
White <b>92.4%</b>				White <b>92.9%</b>			
Other <b>0.9%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>0.5%</b>	<b>3.5%</b>	AA/Black	<b>4.0%</b>	<b>14.4%</b>	<b>-10.4%</b>
Hispanic	<b>2.7%</b>	<b>0.9%</b>	<b>1.8%</b>	Hispanic	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
White	<b>92.4%</b>	<b>97.5%</b>	<b>-5.1%</b>	White	<b>92.4%</b>	<b>66.4%</b>	<b>26.0%</b>
Other	<b>0.9%</b>	<b>0.8%</b>	<b>0.1%</b>	Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	221	<b>6.5%</b>	<b>11.1%</b>	NW	79	<b>6.2%</b>	<b>9.4%</b>
White	2,687	<b>93.5%</b>	<b>88.9%</b>	White	1,020	<b>93.8%</b>	<b>90.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .056 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .647* sig.				Odds ratio Exp(B) <sup>7</sup> : .646 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.2%</b>	<b>17.8%</b>	<b>12.4%</b>	<b>1.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>53.6%</b>	<b>18.6%</b>	<b>27.8%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>72.7%</b>	<b>21.5%</b>	<b>5.1%</b>	<b>0.7%</b>			
Other	<b>61.3%</b>	<b>29.0%</b>	<b>9.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOMERVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>8,501</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.8%</b>	Citations per 1000	
	Passing through:	<b>74.2%</b>	18 + residents:	<b>118.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 8,319)				ITP Stops <sup>3</sup> (N = 1,419)			
Mean age				Mean age			
<b>40.71</b>				<b>38.88</b>			
Gender %				Gender %			
Female <b>36.5%</b>				Female <b>35.8%</b>			
Male <b>63.4%</b>				Male <b>64.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.9%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>13.2%</b>				AA/Black <b>14.8%</b>			
Hispanic <b>8.5%</b>				Hispanic <b>6.9%</b>			
White <b>71.5%</b>				White <b>70.3%</b>			
Other <b>6.9%</b>				Other <b>7.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.2%</b>	<b>6.2%</b>	<b>7.0%</b>	AA/Black	<b>13.2%</b>	<b>14.4%</b>	<b>-1.2%</b>
Hispanic	<b>8.5%</b>	<b>12.4%</b>	<b>-3.9%</b>	Hispanic	<b>8.5%</b>	<b>14.5%</b>	<b>-6.0%</b>
White	<b>71.5%</b>	<b>68.2%</b>	<b>3.3%</b>	White	<b>71.5%</b>	<b>66.4%</b>	<b>5.1%</b>
Other	<b>6.9%</b>	<b>14.8%</b>	<b>-7.9%</b>	Other	<b>6.9%</b>	<b>4.6%</b>	<b>2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,017	<b>27.6%</b>	<b>35.4%</b>	NW	343	<b>26.5%</b>	<b>38.4%</b>
White	5,157	<b>72.4%</b>	<b>64.6%</b>	White	863	<b>73.5%</b>	<b>61.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .699* sig.				Odds ratio Exp(B) <sup>7</sup> : .463* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>94.5%</b>	<b>3.9%</b>	<b>1.2%</b>	<b>0.4%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>92.9%</b>	<b>6.2%</b>	<b>0.7%</b>	<b>0.1%</b>	White	<b>20</b>	<b>N/A</b>
White	<b>94.6%</b>	<b>4.9%</b>	<b>0.4%</b>	<b>0.1%</b>			
Other	<b>94.7%</b>	<b>5.1%</b>	<b>0.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .003* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOUTH HADLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>759</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.4%</b>	Citations per 1000	
	Passing through:	<b>70.6%</b>	18 + residents:	<b>50</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 703)				ITP Stops <sup>3</sup> (N = 256)			
Mean age				Mean age			
<b>36.19</b>				<b>36.46</b>			
Gender %				Gender %			
Female <b>43.7%</b>				Female <b>40.6%</b>			
Male <b>56.3%</b>				Male <b>59.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>7.9%</b>			
Hispanic <b>4.9%</b>				Hispanic <b>5.5%</b>			
White <b>86.7%</b>				White <b>85.4%</b>			
Other <b>1.0%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>1.8%</b>	<b>5.7%</b>	AA/Black	<b>7.5%</b>	<b>14.4%</b>	<b>-6.9%</b>
Hispanic	<b>4.9%</b>	<b>6.4%</b>	<b>-1.5%</b>	Hispanic	<b>4.9%</b>	<b>14.5%</b>	<b>-9.6%</b>
White	<b>86.7%</b>	<b>84.8%</b>	<b>1.9%</b>	White	<b>86.7%</b>	<b>66.4%</b>	<b>20.3%</b>
Other	<b>1.0%</b>	<b>8.2%</b>	<b>-7.2%</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	90	<b>13.0%</b>	<b>15.3%</b>	NW	36	<b>16.1%</b>	<b>14.6%</b>
White	572	<b>87.0%</b>	<b>84.7%</b>	White	195	<b>83.9%</b>	<b>85.4%</b>
Chi-square, X-tab <sup>6</sup> :		.453	sig.	Chi-square, X-tab <sup>6</sup> :		.768	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.994	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.448	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.8%</b>	<b>9.3%</b>	<b>14.8%</b>	<b>11.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>46.5%</b>	<b>14.0%</b>	<b>30.2%</b>	<b>9.3%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>68.6%</b>	<b>12.6%</b>	<b>15.9%</b>	<b>2.9%</b>			
Other	<b>71.4%</b>	<b>0.0%</b>	<b>14.3%</b>	<b>14.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.006*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SOUTHAMPTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>293</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>27.1%</b>	Citations per 1000				
	Passing through:		<b>72.9%</b>	18 + residents: <b>57.2</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 273)				ITP Stops <sup>3</sup> (N = 100)				
Mean age				Mean age				
<b>34.35</b>				<b>31.32</b>				
Gender %				Gender %				
Female <b>46.2%</b>				Female <b>43.4%</b>				
Male <b>53.8%</b>				Male <b>56.6%</b>				
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				
AA/Black <b>1.9%</b>				AA/Black <b>1.0%</b>				
Hispanic <b>6.4%</b>				Hispanic <b>9.4%</b>				
White <b>90.5%</b>			White <b>88.5%</b>					
Other <b>1.1%</b>			Other <b>1.0%</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>1.9%</b>	<b>0.4%</b>	<b>1.5%</b>		AA/Black	<b>1.9%</b>	<b>14.4%</b>	<b>-12.5%</b>
Hispanic	<b>6.4%</b>	<b>0.0%</b>	<b>6.4%</b>		Hispanic	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
White	<b>90.5%</b>	<b>95.6%</b>	<b>-5.1%</b>		White	<b>90.5%</b>	<b>66.4%</b>	<b>24.1%</b>
Other	<b>1.1%</b>	<b>3.9%</b>	<b>-2.8%</b>		Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	24	<b>7.3%</b>	<b>18.8%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	229	<b>92.7%</b>	<b>81.3%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.015*	sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.332*	sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>80.0%</b>	<b>0.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>70.6%</b>	<b>23.5%</b>	<b>0.0%</b>	<b>5.9%</b>	White	<b>1</b>	<b>N/A</b>	
White	<b>69.9%</b>	<b>16.2%</b>	<b>11.6%</b>	<b>2.3%</b>				
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.740 not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOUTHBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,188</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.1%</b>	Citations per 1000	
	Passing through:	<b>88.9%</b>	18 + residents:	<b>423.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,135)				ITP Stops <sup>3</sup> (N = 1,409)			
Mean age				Mean age			
<b>38.04</b>				<b>39.47</b>			
Gender %				Gender %			
Female <b>35.1%</b>				Female <b>35.7%</b>			
Male <b>64.9%</b>				Male <b>64.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>10.6%</b>				AA/Black <b>6.8%</b>			
Hispanic <b>17.7%</b>				Hispanic <b>18.0%</b>			
White <b>60.2%</b>				White <b>62.7%</b>			
Other <b>11.5%</b>				Other <b>12.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.6%</b>	<b>0.7%</b>	<b>9.9%</b>	AA/Black	<b>10.6%</b>	<b>14.4%</b>	<b>-3.8%</b>
Hispanic	<b>17.7%</b>	<b>3.9%</b>	<b>13.8%</b>	Hispanic	<b>17.7%</b>	<b>14.5%</b>	<b>3.2%</b>
White	<b>60.2%</b>	<b>79.2%</b>	<b>-19.0%</b>	White	<b>60.2%</b>	<b>66.4%</b>	<b>-6.2%</b>
Other	<b>11.5%</b>	<b>15.5%</b>	<b>-4.0%</b>	Other	<b>11.5%</b>	<b>4.6%</b>	<b>6.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,186	<b>30.7%</b>	<b>53.0%</b>	NW	466	<b>33.5%</b>	<b>44.1%</b>
White	1,802	<b>69.3%</b>	<b>47.0%</b>	White	805	<b>66.5%</b>	<b>55.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .380* sig.				Odds ratio Exp(B) <sup>7</sup> : .559* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.8%</b>	<b>16.7%</b>	<b>9.0%</b>	<b>1.5%</b>	NW	<b>179</b>	<b>39.3%</b>
Hispanic	<b>73.1%</b>	<b>13.5%</b>	<b>11.9%</b>	<b>1.6%</b>	White	<b>277</b>	<b>60.7%</b>
White	<b>85.0%</b>	<b>10.5%</b>	<b>3.5%</b>	<b>1.1%</b>			
Other	<b>86.3%</b>	<b>9.6%</b>	<b>3.6%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOUTHBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>956</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>55.0%</b>	Citations per 1000	
	Passing through:	<b>45.0%</b>	18 + residents:	<b>73.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 829)				ITP Stops <sup>3</sup> (N = 271)			
Mean age				Mean age			
<b>33.74</b>				<b>33.35</b>			
Gender %				Gender %			
Female <b>29.4%</b>				Female <b>32.3%</b>			
Male <b>70.3%</b>				Male <b>67.7%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>6.4%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>25.3%</b>				Hispanic <b>28.2%</b>			
White <b>67.9%</b>				White <b>64.3%</b>			
Other <b>0.4%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>3.4%</b>	<b>3.0%</b>	AA/Black	<b>6.4%</b>	<b>14.4%</b>	<b>-8.0%</b>
Hispanic	<b>25.3%</b>	<b>32.9%</b>	<b>-7.6%</b>	Hispanic	<b>25.3%</b>	<b>14.5%</b>	<b>10.8%</b>
White	<b>67.9%</b>	<b>62.9%</b>	<b>5.0%</b>	White	<b>67.9%</b>	<b>66.4%</b>	<b>1.5%</b>
Other	<b>0.4%</b>	<b>4.8%</b>	<b>-4.4%</b>	Other	<b>0.4%</b>	<b>4.6%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	243	<b>25.5%</b>	<b>40.9%</b>	NW	90	<b>35.5%</b>	<b>38.0%</b>
White	514	<b>74.5%</b>	<b>59.1%</b>	White	156	<b>64.5%</b>	<b>62.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .691 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .545* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.556 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.3%</b>	<b>11.9%</b>	<b>44.1%</b>	<b>6.8%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>34.3%</b>	<b>15.3%</b>	<b>46.2%</b>	<b>4.2%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>46.3%</b>	<b>21.7%</b>	<b>28.9%</b>	<b>3.1%</b>			
Other	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SOUTHWICK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>790</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>28.0%</b>	Citations per 1000				
	Passing through:		<b>72.0%</b>	18 + residents: <b>101.1</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 749)				ITP Stops <sup>3</sup> (N = 201)				
Mean age				Mean age				
36.89				35.62				
Gender %				Gender %				
Female 35.5%				Female 35.5%				
Male 64.4%				Male 64.5%				
Non-binary 0.1%				Non-binary 0.0%				
Race % Mis/Unk <sup>4</sup> 0.5%				Race % Mis/Unk <sup>4</sup> 1.0%				
AA/Black 3.8%				AA/Black 4.0%				
Hispanic 4.2%				Hispanic 4.0%				
White 90.7%			White 91.5%					
Other 1.3%			Other 0.5%					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	3.8%	0.1%	3.7%		AA/Black	3.8%	14.4%	-10.6%
Hispanic	4.2%	3.5%	0.7%		Hispanic	4.2%	14.5%	-10.3%
White	90.7%	92.8%	-2.1%		White	90.7%	66.4%	24.3%
Other	1.3%	3.6%	-2.3%		Other	1.3%	4.6%	-3.3%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	67	10.5%	7.6%		NW	17	18.3%	4.9%
White	650	89.5%	92.4%		White	166	81.7%	95.1%
Chi-square, X-tab <sup>6</sup> :		.190	not sig.		Chi-square, X-tab <sup>6</sup> :		.003*	sig.
Odds ratio Exp(B) <sup>7</sup> :		1.449	not sig.		Odds ratio Exp(B) <sup>7</sup> :		4.878*	sig.
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	86.2%	6.9%	6.9%	0.0%	NW	0	N/A	
Hispanic	55.9%	17.6%	14.7%	11.8%	White	1	N/A	
White	76.8%	11.2%	9.6%	2.4%				
Other	90.0%	10.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.034* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SPENCER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>650</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.1%</b>	Citations per 1000	
	Passing through:	<b>69.9%</b>	18 + residents:	<b>64.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 618)				ITP Stops <sup>3</sup> (N = 186)			
Mean age				Mean age			
<b>34.88</b>				<b>35.17</b>			
Gender %				Gender %			
Female <b>40.7%</b>				Female <b>39.8%</b>			
Male <b>59.3%</b>				Male <b>60.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>4.3%</b>			
AA/Black <b>7.4%</b>				AA/Black <b>7.3%</b>			
Hispanic <b>9.9%</b>				Hispanic <b>6.7%</b>			
White <b>80.7%</b>				White <b>83.1%</b>			
Other <b>2.1%</b>				Other <b>2.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.4%</b>	<b>1.0%</b>	<b>6.4%</b>	AA/Black	<b>7.4%</b>	<b>14.4%</b>	<b>-7.0%</b>
Hispanic	<b>9.9%</b>	<b>3.3%</b>	<b>6.6%</b>	Hispanic	<b>9.9%</b>	<b>14.5%</b>	<b>-4.6%</b>
White	<b>80.7%</b>	<b>90.0%</b>	<b>-9.3%</b>	White	<b>80.7%</b>	<b>66.4%</b>	<b>14.3%</b>
Other	<b>2.1%</b>	<b>5.8%</b>	<b>-3.7%</b>	Other	<b>2.1%</b>	<b>4.6%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	108	<b>14.1%</b>	<b>27.3%</b>	NW	26	<b>16.2%</b>	<b>17.6%</b>
White	452	<b>85.9%</b>	<b>72.7%</b>	White	130	<b>83.8%</b>	<b>82.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .819 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .448* sig.				Odds ratio Exp(B) <sup>7</sup> : .784 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.1%</b>	<b>18.2%</b>	<b>22.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>12.5%</b>	<b>32.8%</b>	<b>4.7%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>66.9%</b>	<b>16.8%</b>	<b>12.0%</b>	<b>4.3%</b>			
Other	<b>58.3%</b>	<b>16.7%</b>	<b>16.7%</b>	<b>8.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SPRINGFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>11,666</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>68.2%</b>	Citations per 1000	
	Passing through:	<b>31.8%</b>	18 + residents:	<b>101</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 10,833)				ITP Stops <sup>3</sup> (N = 3,481)			
Mean age				Mean age			
<b>36.71</b>				<b>36.7</b>			
Gender %				Gender %			
Female <b>39.5%</b>				Female <b>39.6%</b>			
Male <b>60.4%</b>				Male <b>60.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>27.6%</b>				AA/Black <b>26.7%</b>			
Hispanic <b>22.7%</b>				Hispanic <b>25.2%</b>			
White <b>48.3%</b>				White <b>46.8%</b>			
Other <b>1.4%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>27.6%</b>	<b>20.9%</b>	<b>6.7%</b>	AA/Black	<b>27.6%</b>	<b>14.4%</b>	<b>13.2%</b>
Hispanic	<b>22.7%</b>	<b>45.0%</b>	<b>-22.3%</b>	Hispanic	<b>22.7%</b>	<b>14.5%</b>	<b>8.2%</b>
White	<b>48.3%</b>	<b>31.2%</b>	<b>17.1%</b>	White	<b>48.3%</b>	<b>66.4%</b>	<b>-18.1%</b>
Other	<b>1.4%</b>	<b>7.6%</b>	<b>-6.2%</b>	Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,753	<b>52.5%</b>	<b>53.9%</b>	NW	1,654	<b>53.9%</b>	<b>52.6%</b>
White	4,215	<b>47.5%</b>	<b>46.1%</b>	White	1,450	<b>46.1%</b>	<b>47.4%</b>
Chi-square, X-tab <sup>6</sup> :		.184	not sig.	Chi-square, X-tab <sup>6</sup> :		.480	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.927	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.899	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>28.5%</b>	<b>11.5%</b>	<b>0.0%</b>	NW	<b>26</b>	<b>N/A</b>
Hispanic	<b>63.9%</b>	<b>34.1%</b>	<b>1.9%</b>	<b>0.1%</b>	White	<b>24</b>	<b>N/A</b>
White	<b>58.7%</b>	<b>30.5%</b>	<b>10.7%</b>	<b>0.0%</b>			
Other	<b>61.7%</b>	<b>35.1%</b>	<b>3.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STERLING POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>433</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.0%</b>	Citations per 1000	
	Passing through:	<b>75.0%</b>	18 + residents:	<b>69</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 405)				ITP Stops <sup>3</sup> (N = 196)			
Mean age				Mean age			
<b>35.96</b>				<b>38.4</b>			
Gender %				Gender %			
Female <b>33.7%</b>				Female <b>38.4%</b>			
Male <b>66.1%</b>				Male <b>61.1%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>4.3%</b>				AA/Black <b>3.1%</b>			
Hispanic <b>8.9%</b>				Hispanic <b>9.4%</b>			
White <b>85.5%</b>				White <b>86.9%</b>			
Other <b>1.3%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>1.3%</b>	<b>3.0%</b>	AA/Black	<b>4.3%</b>	<b>14.4%</b>	<b>-10.1%</b>
Hispanic	<b>8.9%</b>	<b>5.1%</b>	<b>3.8%</b>	Hispanic	<b>8.9%</b>	<b>14.5%</b>	<b>-5.6%</b>
White	<b>85.5%</b>	<b>92.4%</b>	<b>-6.9%</b>	White	<b>85.5%</b>	<b>66.4%</b>	<b>19.1%</b>
Other	<b>1.3%</b>	<b>1.5%</b>	<b>-0.2%</b>	Other	<b>1.3%</b>	<b>4.6%</b>	<b>-3.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	56	<b>13.5%</b>	<b>19.6%</b>	NW	25	<b>10.1%</b>	<b>20.9%</b>
White	307	<b>86.5%</b>	<b>80.4%</b>	White	151	<b>89.9%</b>	<b>79.1%</b>
Chi-square, X-tab <sup>6</sup> :		.137	not sig.	Chi-square, X-tab <sup>6</sup> :		.046*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.574	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.279*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.6%</b>	<b>16.7%</b>	<b>27.8%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>40.5%</b>	<b>16.2%</b>	<b>43.2%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>68.3%</b>	<b>15.4%</b>	<b>14.0%</b>	<b>2.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.002*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STOCKBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>707</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.8%</b>	Citations per 1000	
	Passing through:	<b>93.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 676)				ITP Stops <sup>3</sup> (N = 245)			
Mean age				Mean age			
<b>45.73</b>				<b>42.15</b>			
Gender %				Gender %			
Female <b>44.7%</b>				Female <b>38.4%</b>			
Male <b>55.1%</b>				Male <b>61.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>4.3%</b>				AA/Black <b>5.8%</b>			
Hispanic <b>1.6%</b>				Hispanic <b>2.9%</b>			
White <b>92.8%</b>				White <b>90.5%</b>			
Other <b>1.2%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.3%</b>	<b>14.4%</b>	<b>-10.1%</b>
Hispanic	<b>1.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>
White	<b>92.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>92.8%</b>	<b>66.4%</b>	<b>26.4%</b>
Other	<b>1.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.2%</b>	<b>4.6%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	<b>5.5%</b>	<b>12.2%</b>	NW	19	<b>6.5%</b>	<b>16.7%</b>
White	576	<b>94.5%</b>	<b>87.8%</b>	White	190	<b>93.5%</b>	<b>83.3%</b>
Chi-square, X-tab <sup>6</sup> :		.008*	<i>sig.</i>	Chi-square, X-tab <sup>6</sup> :		.025*	<i>sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.526	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.877	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.6%</b>	<b>30.3%</b>	<b>9.1%</b>	<b>3.0%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>58.8%</b>	<b>0.0%</b>	<b>35.3%</b>	<b>5.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>87.2%</b>	<b>8.3%</b>	<b>4.2%</b>	<b>0.3%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>12.5%</b>	<b>12.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT STONEHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>414</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>29.5%</b>	Citations per 1000				
	Passing through:		<b>70.5%</b>	18 + residents: <b>20.7</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 397)				ITP Stops <sup>3</sup> (N = 127)				
Mean age				Mean age				
<b>41.64</b>				<b>41.98</b>				
Gender %				Gender %				
Female <b>34.3%</b>				Female <b>27.0%</b>				
Male <b>65.7%</b>				Male <b>73.0%</b>				
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				
AA/Black <b>6.9%</b>				AA/Black <b>4.0%</b>				
Hispanic <b>2.4%</b>				Hispanic <b>0.8%</b>				
White <b>88.0%</b>			White <b>90.3%</b>					
Other <b>2.7%</b>			Other <b>4.8%</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>6.9%</b>	<b>3.0%</b>	<b>3.9%</b>		AA/Black	<b>6.9%</b>	<b>14.4%</b>	<b>-7.5%</b>
Hispanic	<b>2.4%</b>	<b>3.3%</b>	<b>-0.9%</b>		Hispanic	<b>2.4%</b>	<b>14.5%</b>	<b>-12.1%</b>
White	<b>88.0%</b>	<b>87.7%</b>	<b>0.3%</b>		White	<b>88.0%</b>	<b>66.4%</b>	<b>21.6%</b>
Other	<b>2.7%</b>	<b>5.6%</b>	<b>-2.9%</b>		Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	41	<b>11.5%</b>	<b>13.8%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	298	<b>88.5%</b>	<b>86.2%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.573	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.792	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>78.6%</b>	<b>0.0%</b>	<b>17.9%</b>	<b>3.6%</b>	NW	<b>1</b>	<b>N/A</b>	
Hispanic	<b>54.4%</b>	<b>0.0%</b>	<b>45.5%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>	
White	<b>83.1%</b>	<b>4.5%</b>	<b>11.3%</b>	<b>1.2%</b>				
Other	<b>91.7%</b>	<b>0.0%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.075 not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STOUGHTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,572</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.6%</b>	Citations per 1000	
	Passing through:	<b>71.4%</b>	18 + residents:	<b>67.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,384)				ITP Stops <sup>3</sup> (N = 315)			
Mean age				Mean age			
<b>39.6</b>				<b>39.73</b>			
Gender %				Gender %			
Female <b>37.7%</b>				Female <b>37.4%</b>			
Male <b>62.1%</b>				Male <b>62.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.9%</b>				Race % Mis/Unk <sup>4</sup> <b>7.0%</b>			
AA/Black <b>37.2%</b>				AA/Black <b>36.5%</b>			
Hispanic <b>4.8%</b>				Hispanic <b>4.4%</b>			
White <b>54.8%</b>				White <b>54.9%</b>			
Other <b>3.2%</b>				Other <b>4.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>37.2%</b>	<b>15.0%</b>	<b>22.2%</b>	AA/Black	<b>37.2%</b>	<b>14.4%</b>	<b>22.8%</b>
Hispanic	<b>4.8%</b>	<b>3.8%</b>	<b>1.0%</b>	Hispanic	<b>4.8%</b>	<b>14.5%</b>	<b>-9.7%</b>
White	<b>54.8%</b>	<b>71.5%</b>	<b>-16.7%</b>	White	<b>54.8%</b>	<b>66.4%</b>	<b>-11.6%</b>
Other	<b>3.2%</b>	<b>8.9%</b>	<b>-5.7%</b>	Other	<b>3.2%</b>	<b>4.6%</b>	<b>-1.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	549	<b>44.1%</b>	<b>49.6%</b>	NW	115	<b>44.3%</b>	<b>46.3%</b>
White	665	<b>55.9%</b>	<b>50.4%</b>	White	141	<b>55.7%</b>	<b>53.8%</b>
Chi-square, X-tab <sup>6</sup> : .121 not sig.				Chi-square, X-tab <sup>6</sup> : .773 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .813 not sig.				Odds ratio Exp(B) <sup>7</sup> : .847 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.7%</b>	<b>16.5%</b>	<b>19.5%</b>	<b>1.3%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>45.2%</b>	<b>23.3%</b>	<b>26.0%</b>	<b>5.5%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>65.1%</b>	<b>17.0%</b>	<b>15.5%</b>	<b>2.4%</b>			
Other	<b>68.9%</b>	<b>22.2%</b>	<b>8.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .009* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STOW POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>435</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.0%</b>	Citations per 1000	
	Passing through:	<b>78.0%</b>	18 + residents:	<b>81.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 422)				ITP Stops <sup>3</sup> (N = 212)			
Mean age				Mean age			
<b>40.26</b>				<b>41.59</b>			
Gender %				Gender %			
Female <b>33.8%</b>				Female <b>31.3%</b>			
Male <b>66.2%</b>				Male <b>68.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>2.7%</b>				AA/Black <b>1.0%</b>			
Hispanic <b>4.9%</b>				Hispanic <b>6.2%</b>			
White <b>88.3%</b>				White <b>91.9%</b>			
Other <b>4.1%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.7%</b>	<b>0.0%</b>	<b>2.7%</b>	AA/Black	<b>2.7%</b>	<b>14.4%</b>	<b>-11.7%</b>
Hispanic	<b>4.9%</b>	<b>2.9%</b>	<b>2.0%</b>	Hispanic	<b>4.9%</b>	<b>14.5%</b>	<b>-9.6%</b>
White	<b>88.3%</b>	<b>88.4%</b>	<b>-0.1%</b>	White	<b>88.3%</b>	<b>66.4%</b>	<b>21.9%</b>
Other	<b>4.1%</b>	<b>5.7%</b>	<b>-1.6%</b>	Other	<b>4.1%</b>	<b>4.6%</b>	<b>-0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	46	<b>11.9%</b>	<b>11.2%</b>	NW	15	<b>5.7%</b>	<b>10.2%</b>
White	349	<b>88.1%</b>	<b>88.8%</b>	White	178	<b>94.3%</b>	<b>89.8%</b>
Chi-square, X-tab <sup>6</sup> : .829 not sig.				Chi-square, X-tab <sup>6</sup> : .243 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .958 not sig.				Odds ratio Exp(B) <sup>7</sup> : .695 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>90.9%</b>	<b>9.1%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>59.1%</b>	<b>9.1%</b>	<b>27.3%</b>	<b>4.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>86.9%</b>	<b>5.3%</b>	<b>7.0%</b>	<b>0.8%</b>			
Other	<b>76.5%</b>	<b>11.8%</b>	<b>11.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .024* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STURBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,350</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.9%</b>	Citations per 1000	
	Passing through:	<b>86.1%</b>	18 + residents:	<b>466.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,238)				ITP Stops <sup>3</sup> (N = 1,076)			
Mean age				Mean age			
<b>36.78</b>				<b>37.17</b>			
Gender %				Gender %			
Female <b>38.2%</b>				Female <b>39.4%</b>			
Male <b>61.7%</b>				Male <b>60.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>7.6%</b>				AA/Black <b>6.2%</b>			
Hispanic <b>12.4%</b>				Hispanic <b>13.3%</b>			
White <b>77.4%</b>				White <b>78.8%</b>			
Other <b>2.6%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>0.8%</b>	<b>6.8%</b>	AA/Black	<b>7.6%</b>	<b>14.4%</b>	<b>-6.8%</b>
Hispanic	<b>12.4%</b>	<b>3.0%</b>	<b>9.4%</b>	Hispanic	<b>12.4%</b>	<b>14.5%</b>	<b>-2.1%</b>
White	<b>77.4%</b>	<b>92.2%</b>	<b>-14.8%</b>	White	<b>77.4%</b>	<b>66.4%</b>	<b>11.0%</b>
Other	<b>2.6%</b>	<b>3.4%</b>	<b>-0.8%</b>	Other	<b>2.6%</b>	<b>4.6%</b>	<b>-2.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	684	<b>17.9%</b>	<b>30.8%</b>	NW	200	<b>20.9%</b>	<b>21.9%</b>
White	2,316	<b>82.1%</b>	<b>69.2%</b>	White	738	<b>79.1%</b>	<b>78.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .704 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .516* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.110 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.5%</b>	<b>13.8%</b>	<b>20.9%</b>	<b>2.8%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>63.0%</b>	<b>10.3%</b>	<b>24.5%</b>	<b>2.2%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>82.0%</b>	<b>9.2%</b>	<b>7.3%</b>	<b>1.5%</b>			
Other	<b>65.1%</b>	<b>27.7%</b>	<b>7.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SUDBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,507</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.6%</b>	Citations per 1000	
	Passing through:	<b>70.4%</b>	18 + residents:	<b>106.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,473)				ITP Stops <sup>3</sup> (N = 677)			
Mean age				Mean age			
<b>39.91</b>				<b>41.63</b>			
Gender %				Gender %			
Female <b>38.5%</b>				Female <b>35.3%</b>			
Male <b>61.5%</b>				Male <b>64.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>8.9%</b>				AA/Black <b>8.1%</b>			
Hispanic <b>12.3%</b>				Hispanic <b>11.2%</b>			
White <b>72.9%</b>				White <b>74.1%</b>			
Other <b>5.9%</b>				Other <b>6.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>1.8%</b>	<b>7.1%</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>12.3%</b>	<b>2.5%</b>	<b>9.8%</b>	Hispanic	<b>12.3%</b>	<b>14.5%</b>	<b>-2.2%</b>
White	<b>72.9%</b>	<b>82.5%</b>	<b>-9.6%</b>	White	<b>72.9%</b>	<b>66.4%</b>	<b>6.5%</b>
Other	<b>5.9%</b>	<b>13.3%</b>	<b>-7.4%</b>	Other	<b>5.9%</b>	<b>4.6%</b>	<b>1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	360	<b>22.4%</b>	<b>32.7%</b>	NW	149	<b>20.5%</b>	<b>30.4%</b>
White	998	<b>77.6%</b>	<b>67.3%</b>	White	450	<b>79.5%</b>	<b>69.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .005* sig.			
Odds ratio Exp(B) <sup>7</sup> : .578* sig.				Odds ratio Exp(B) <sup>7</sup> : .514* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.6%</b>	<b>13.3%</b>	<b>9.6%</b>	<b>1.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>66.5%</b>	<b>10.3%</b>	<b>21.1%</b>	<b>2.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>87.2%</b>	<b>9.0%</b>	<b>3.2%</b>	<b>0.6%</b>			
Other	<b>91.9%</b>	<b>5.8%</b>	<b>2.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SUNDERLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>439</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>12.2%</b>	Citations per 1000						
	Passing through:		<b>87.8%</b>	18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 419)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>38.06</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>51.8%</b>				Female <b>N/A</b>						
Male <b>48.2%</b>				Male <b>N/A</b>						
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>5.3%</b>				AA/Black <b>N/A</b>						
Hispanic <b>1.2%</b>				Hispanic <b>N/A</b>						
White <b>90.8%</b>			White <b>N/A</b>							
Other <b>2.7%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>5.3%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>5.3%</b>	<b>14.4%</b>	<b>-9.1%</b>		
Hispanic	<b>1.2%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>1.2%</b>	<b>14.5%</b>	<b>-13.3%</b>		
White	<b>90.8%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>90.8%</b>	<b>66.4%</b>	<b>24.4%</b>		
Other	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	35	<b>9.1%</b>	<b>9.8%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	344	<b>90.9%</b>	<b>90.2%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		.835	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.829	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>72.0%</b>	<b>4.0%</b>	<b>12.0%</b>	<b>12.0%</b>	NW	<b>4</b>	<b>N/A</b>			
Hispanic	<b>16.7%</b>	<b>33.3%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>9</b>	<b>N/A</b>			
White	<b>71.7%</b>	<b>10.0%</b>	<b>17.0%</b>	<b>1.3%</b>						
Other	<b>72.7%</b>	<b>18.2%</b>	<b>9.1%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.002* sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SUTTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>909</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.2%</b>	Citations per 1000	
	Passing through:	<b>92.8%</b>	18 + residents:	<b>124.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 859)				ITP Stops <sup>3</sup> (N = 287)			
Mean age				Mean age			
<b>34.18</b>				<b>34.55</b>			
Gender %				Gender %			
Female <b>29.6%</b>				Female <b>26.2%</b>			
Male <b>70.4%</b>				Male <b>73.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>9.6%</b>				AA/Black <b>8.5%</b>			
Hispanic <b>12.0%</b>				Hispanic <b>10.6%</b>			
White <b>77.1%</b>				White <b>80.3%</b>			
Other <b>1.3%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.6%</b>	<b>2.2%</b>	<b>7.4%</b>	AA/Black	<b>9.6%</b>	<b>14.4%</b>	<b>-4.8%</b>
Hispanic	<b>12.0%</b>	<b>1.6%</b>	<b>10.4%</b>	Hispanic	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
White	<b>77.1%</b>	<b>92.3%</b>	<b>-15.2%</b>	White	<b>77.1%</b>	<b>66.4%</b>	<b>10.7%</b>
Other	<b>1.3%</b>	<b>3.8%</b>	<b>-2.5%</b>	Other	<b>1.3%</b>	<b>4.6%</b>	<b>-3.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	173	<b>20.5%</b>	<b>26.5%</b>	NW	43	<b>15.6%</b>	<b>20.2%</b>
White	599	<b>79.5%</b>	<b>73.5%</b>	White	206	<b>84.4%</b>	<b>79.8%</b>
Chi-square, X-tab <sup>6</sup> : .061 not sig.				Chi-square, X-tab <sup>6</sup> : .357 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .700 not sig.				Odds ratio Exp(B) <sup>7</sup> : .694 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>32.2%</b>	<b>25.3%</b>	<b>36.8%</b>	<b>5.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>33.0%</b>	<b>16.0%</b>	<b>41.5%</b>	<b>9.4%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>47.6%</b>	<b>22.1%</b>	<b>23.1%</b>	<b>7.2%</b>			
Other	<b>36.4%</b>	<b>18.2%</b>	<b>45.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SWAMPSCOTT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,444</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.7%</b>	Citations per 1000	
	Passing through:	<b>80.3%</b>	18 + residents:	<b>121.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,415)				ITP Stops <sup>3</sup> (N = 418)			
Mean age				Mean age			
<b>39.22</b>				<b>40.05</b>			
Gender %				Gender %			
Female <b>41.4%</b>				Female <b>43.3%</b>			
Male <b>58.6%</b>				Male <b>56.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>14.2%</b>				AA/Black <b>12.8%</b>			
Hispanic <b>21.1%</b>				Hispanic <b>18.8%</b>			
White <b>61.0%</b>				White <b>66.0%</b>			
Other <b>3.7%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.2%</b>	<b>1.5%</b>	<b>12.7%</b>	AA/Black	<b>14.2%</b>	<b>14.4%</b>	<b>-0.2%</b>
Hispanic	<b>21.1%</b>	<b>2.5%</b>	<b>18.6%</b>	Hispanic	<b>21.1%</b>	<b>14.5%</b>	<b>6.6%</b>
White	<b>61.0%</b>	<b>91.7%</b>	<b>-30.7%</b>	White	<b>61.0%</b>	<b>66.4%</b>	<b>-5.4%</b>
Other	<b>3.7%</b>	<b>4.3%</b>	<b>-0.6%</b>	Other	<b>3.7%</b>	<b>4.6%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	521	<b>26.7%</b>	<b>51.1%</b>	NW	118	<b>29.0%</b>	<b>37.3%</b>
White	818	<b>73.3%</b>	<b>48.9%</b>	White	243	<b>71.0%</b>	<b>62.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.096	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.326*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.525*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>84.9%</b>	<b>6.5%</b>	<b>7.5%</b>	<b>1.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>69.7%</b>	<b>10.5%</b>	<b>15.6%</b>	<b>4.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.7%</b>	<b>8.9%</b>	<b>5.6%</b>	<b>0.8%</b>			
Other	<b>90.4%</b>	<b>7.7%</b>	<b>1.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SWANSEA POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,848</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.5%</b>	Citations per 1000	
	Passing through:	<b>71.5%</b>	18 + residents:	<b>133.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,628)				ITP Stops <sup>3</sup> (N = 702)			
Mean age				Mean age			
<b>38.22</b>				<b>37.51</b>			
Gender %				Gender %			
Female <b>39.9%</b>				Female <b>37.3%</b>			
Male <b>60.1%</b>				Male <b>62.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> 0.6%				Race % Mis/Unk <sup>4</sup> 0.6%			
AA/Black <b>4.7%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>2.2%</b>				Hispanic <b>1.9%</b>			
White <b>92.1%</b>				White <b>92.8%</b>			
Other <b>1.1%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.7%</b>	<b>0.2%</b>	<b>4.5%</b>	AA/Black	<b>4.7%</b>	<b>14.4%</b>	<b>-9.7%</b>
Hispanic	<b>2.2%</b>	<b>0.5%</b>	<b>1.7%</b>	Hispanic	<b>2.2%</b>	<b>14.5%</b>	<b>-12.3%</b>
White	<b>92.1%</b>	<b>96.4%</b>	<b>-4.3%</b>	White	<b>92.1%</b>	<b>66.4%</b>	<b>25.7%</b>
Other	<b>1.1%</b>	<b>2.8%</b>	<b>-1.7%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	123	<b>6.2%</b>	<b>11.5%</b>	NW	46	<b>6.9%</b>	<b>7.7%</b>
White	1,429	<b>93.8%</b>	<b>88.5%</b>	White	599	<b>93.1%</b>	<b>92.3%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.710	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.481*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.590	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.5%</b>	<b>3.4%</b>	<b>22.7%</b>	<b>3.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>9.5%</b>	<b>33.3%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>87.5%</b>	<b>5.2%</b>	<b>6.1%</b>	<b>1.2%</b>			
Other	<b>91.3%</b>	<b>4.3%</b>	<b>4.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TAUNTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>679</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>46.5%</b>	Citations per 1000	
	Passing through:	<b>53.5%</b>	18 + residents:	<b>15.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 531)				ITP Stops <sup>3</sup> (N = 132)			
Mean age				Mean age			
<b>35.54</b>				<b>36.5</b>			
Gender %				Gender %			
Female <b>35.6%</b>				Female <b>33.6%</b>			
Male <b>64.2%</b>				Male <b>66.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>4.5%</b>			
AA/Black <b>20.2%</b>				AA/Black <b>20.6%</b>			
Hispanic <b>1.0%</b>				Hispanic <b>1.6%</b>			
White <b>78.8%</b>				White <b>77.8%</b>			
Other <b>0.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.2%</b>	<b>8.8%</b>	<b>11.4%</b>	AA/Black	<b>20.2%</b>	<b>14.4%</b>	<b>5.8%</b>
Hispanic	<b>1.0%</b>	<b>9.0%</b>	<b>-8.0%</b>	Hispanic	<b>1.0%</b>	<b>14.5%</b>	<b>-13.5%</b>
White	<b>78.8%</b>	<b>75.0%</b>	<b>3.8%</b>	White	<b>78.8%</b>	<b>66.4%</b>	<b>12.4%</b>
Other	<b>0.0%</b>	<b>5.9%</b>	<b>-5.9%</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	99	<b>20.6%</b>	<b>23.6%</b>	NW	27	<b>26.2%</b>	<b>20.0%</b>
White	352	<b>79.4%</b>	<b>76.4%</b>	White	88	<b>73.8%</b>	<b>80.0%</b>
Chi-square, X-tab <sup>6</sup> : .447 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .440 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .793 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 2.375 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>46.5%</b>	<b>12.4%</b>	<b>37.2%</b>	<b>3.9%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>27.3%</b>	<b>72.7%</b>	<b>0.0%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>50.1%</b>	<b>13.6%</b>	<b>29.9%</b>	<b>6.5%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .010* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TEMPLETON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>567</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>10.8%</b>	Citations per 1000						
	Passing through:		<b>89.2%</b>	18 + residents: <b>87</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 535)				ITP Stops <sup>3</sup> (N = 220)						
Mean age				Mean age						
<b>35.17</b>				<b>36.69</b>						
Gender %				Gender %						
Female <b>39.9%</b>				Female <b>37.4%</b>						
Male <b>60.1%</b>				Male <b>62.6%</b>						
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>						
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.3%</b>						
AA/Black <b>2.9%</b>				AA/Black <b>1.9%</b>						
Hispanic <b>2.5%</b>				Hispanic <b>3.3%</b>						
White <b>94.3%</b>			White <b>94.4%</b>							
Other <b>0.4%</b>			Other <b>0.5%</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>2.9%</b>	<b>0.0%</b>	<b>2.9%</b>		AA/Black	<b>2.9%</b>	<b>14.4%</b>	<b>-11.5%</b>		
Hispanic	<b>2.5%</b>	<b>2.9%</b>	<b>-0.4%</b>		Hispanic	<b>2.5%</b>	<b>14.5%</b>	<b>-12.0%</b>		
White	<b>94.3%</b>	<b>94.6%</b>	<b>-0.3%</b>		White	<b>94.3%</b>	<b>66.4%</b>	<b>27.9%</b>		
Other	<b>0.4%</b>	<b>2.5%</b>	<b>-2.1%</b>		Other	<b>0.4%</b>	<b>4.6%</b>	<b>-4.2%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	30	<b>5.7%</b>	<b>7.5%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	461	<b>94.3%</b>	<b>92.5%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		.465	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.642	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>50.0%</b>	<b>18.8%</b>	<b>31.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>			
Hispanic	<b>33.3%</b>	<b>26.7%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>			
White	<b>67.3%</b>	<b>16.5%</b>	<b>13.1%</b>	<b>3.1%</b>						
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> : .042* sig.										
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TEWKSBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>4,373</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.3%</b>	Citations per 1000	
	Passing through:	<b>71.7%</b>	18 + residents:	<b>174</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,218)				ITP Stops <sup>3</sup> (N = 1,120)			
Mean age				Mean age			
<b>39.08</b>				<b>40.16</b>			
Gender %				Gender %			
Female <b>40.5%</b>				Female <b>35.9%</b>			
Male <b>59.4%</b>				Male <b>64.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>8.5%</b>				AA/Black <b>8.1%</b>			
Hispanic <b>11.4%</b>				Hispanic <b>9.8%</b>			
White <b>75.3%</b>				White <b>77.0%</b>			
Other <b>4.9%</b>				Other <b>5.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>2.4%</b>	<b>6.1%</b>	AA/Black	<b>8.5%</b>	<b>14.4%</b>	<b>-5.9%</b>
Hispanic	<b>11.4%</b>	<b>2.2%</b>	<b>9.2%</b>	Hispanic	<b>11.4%</b>	<b>14.5%</b>	<b>-3.1%</b>
White	<b>75.3%</b>	<b>90.1%</b>	<b>-14.8%</b>	White	<b>75.3%</b>	<b>66.4%</b>	<b>8.9%</b>
Other	<b>4.9%</b>	<b>5.2%</b>	<b>-0.3%</b>	Other	<b>4.9%</b>	<b>4.6%</b>	<b>0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	966	<b>21.4%</b>	<b>33.4%</b>	NW	218	<b>22.0%</b>	<b>22.4%</b>
White	2,980	<b>78.6%</b>	<b>66.6%</b>	White	765	<b>78.0%</b>	<b>77.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .881 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .536* sig.				Odds ratio Exp(B) <sup>7</sup> : .920 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>88.4%</b>	<b>3.6%</b>	<b>6.3%</b>	<b>1.7%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>79.5%</b>	<b>7.1%</b>	<b>9.7%</b>	<b>3.7%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>87.9%</b>	<b>6.2%</b>	<b>3.3%</b>	<b>2.6%</b>			
Other	<b>91.4%</b>	<b>4.8%</b>	<b>3.3%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TISBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>233</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>44.7%</b>	Citations per 1000				
	Passing through:		<b>55.3%</b>	18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 197)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>38.65</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>34.9%</b>				Female <b>N/A</b>				
Male <b>65.1%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>6.3%</b>				AA/Black <b>N/A</b>				
Hispanic <b>0.5%</b>				Hispanic <b>N/A</b>				
White <b>91.7%</b>			White <b>N/A</b>					
Other <b>1.6%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>6.3%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>6.3%</b>	<b>14.4%</b>	<b>-8.1%</b>
Hispanic	<b>0.5%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>0.5%</b>	<b>14.5%</b>	<b>-14.0%</b>
White	<b>91.7%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>91.7%</b>	<b>66.4%</b>	<b>25.3%</b>
Other	<b>1.6%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	16	<b>9.7%</b>	<b>7.8%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	161	<b>90.3%</b>	<b>92.2%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.668	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.530	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>28.6%</b>	<b>14.3%</b>	<b>50.0%</b>	<b>7.1%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>	
White	<b>35.7%</b>	<b>14.5%</b>	<b>37.7%</b>	<b>12.1%</b>				
Other	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>33.3%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.526		not sig.		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TOLLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>163</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>3.7%</b>			Citations per 1000			
	Passing through: <b>96.3%</b>			18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
All Stops <sup>2</sup> (N = 161)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.84</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>19.7%</b>				Female <b>N/A</b>			
Male <b>79.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.6%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>5.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>6.5%</b>				Hispanic <b>N/A</b>			
White <b>86.4%</b>				White <b>N/A</b>			
Other <b>1.9%</b>				Other <b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>5.2%</b>	<b>N/A</b>	<b>#VALUE!</b>	AA/Black	<b>5.2%</b>	<b>14.4%</b>	<b>-9.2%</b>
Hispanic	<b>6.5%</b>	<b>N/A</b>	<b>#VALUE!</b>	Hispanic	<b>6.5%</b>	<b>14.5%</b>	<b>-8.0%</b>
White	<b>86.4%</b>	<b>N/A</b>	<b>#VALUE!</b>	White	<b>86.4%</b>	<b>66.4%</b>	<b>20.0%</b>
Other	<b>1.9%</b>	<b>N/A</b>	<b>#VALUE!</b>	Other	<b>1.9%</b>	<b>4.6%</b>	<b>-2.7%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>25.0%</b>	<b>12.5%</b>	<b>62.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>50.0%</b>	<b>30.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>43.7%</b>	<b>44.4%</b>	<b>10.4%</b>	<b>1.5%</b>			
Other	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .012* sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TOPSFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>648</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>132.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 632)				ITP Stops <sup>3</sup> (N = 312)			
Mean age				Mean age			
<b>40.27</b>				<b>41.36</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>36.3%</b>			
Male <b>65.2%</b>				Male <b>63.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>4.3%</b>				AA/Black <b>3.3%</b>			
Hispanic <b>10.6%</b>				Hispanic <b>11.4%</b>			
White <b>83.5%</b>				White <b>84.0%</b>			
Other <b>1.6%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>0.1%</b>	<b>4.2%</b>	AA/Black	<b>4.3%</b>	<b>14.4%</b>	<b>-10.1%</b>
Hispanic	<b>10.6%</b>	<b>1.7%</b>	<b>8.9%</b>	Hispanic	<b>10.6%</b>	<b>14.5%</b>	<b>-3.9%</b>
White	<b>83.5%</b>	<b>94.8%</b>	<b>-11.3%</b>	White	<b>83.5%</b>	<b>66.4%</b>	<b>17.1%</b>
Other	<b>1.6%</b>	<b>3.4%</b>	<b>-1.8%</b>	Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	93	<b>13.8%</b>	<b>19.9%</b>	NW	41	<b>14.9%</b>	<b>15.1%</b>
White	495	<b>86.2%</b>	<b>80.1%</b>	White	233	<b>85.1%</b>	<b>84.9%</b>
Chi-square, X-tab <sup>6</sup> :		.055	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.960	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.457*	<i>sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.278	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.1%</b>	<b>0.0%</b>	<b>22.2%</b>	<b>3.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>43.7%</b>	<b>8.5%</b>	<b>35.2%</b>	<b>12.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>79.1%</b>	<b>8.8%</b>	<b>7.9%</b>	<b>4.1%</b>			
Other	<b>90.0%</b>	<b>10.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TOWNSEND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>267</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>25.2%</b>	Citations per 1000				
	Passing through:		<b>74.8%</b>	18 + residents: <b>35.6</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 242)				ITP Stops <sup>3</sup> (N = 119)				
Mean age				Mean age				
36				35.18				
Gender %				Gender %				
Female 35.5%				Female 31.1%				
Male 64.5%				Male 68.9%				
Non-binary 0.0%				Non-binary 0.0%				
Race % Mis/Unk <sup>4</sup> 1.7%				Race % Mis/Unk <sup>4</sup> 1.7%				
AA/Black 3.8%				AA/Black 4.3%				
Hispanic 5.5%				Hispanic 3.4%				
White 90.3%			White 92.3%					
Other 0.4%			Other 0.0%					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	3.8%	0.9%	2.9%		AA/Black	3.8%	14.4%	-10.6%
Hispanic	5.5%	3.2%	2.3%		Hispanic	5.5%	14.5%	-9.0%
White	90.3%	94.4%	-4.1%		White	90.3%	66.4%	23.9%
Other	0.4%	1.6%	-1.2%		Other	0.4%	4.6%	-4.2%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	21	9.4%	10.0%		NW	N/A	N/A	N/A
White	197	90.6%	90.0%		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.889	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.214	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	30.0%	40.0%	30.0%	0.0%	NW	1	N/A	
Hispanic	33.3%	40.0%	26.7%	0.0%	White	0	N/A	
White	52.3%	29.5%	10.1%	8.0%				
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.222 not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TRURO POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>196</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>5.6%</b>			Citations per 1000			
	Passing through: <b>94.4%</b>			18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
All Stops <sup>2</sup> (N = 177)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.8</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>29.4%</b>				Female <b>N/A</b>			
Male <b>70.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>8.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.5%</b>				Hispanic <b>N/A</b>			
White <b>84.4%</b>				White <b>N/A</b>			
Other <b>3.5%</b>				Other <b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>8.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.7%</b>	<b>14.4%</b>	<b>-5.7%</b>
Hispanic	<b>3.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
White	<b>84.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>84.4%</b>	<b>66.4%</b>	<b>18.0%</b>
Other	<b>3.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.5%</b>	<b>4.6%</b>	<b>-1.1%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	<b>17.2%</b>	<b>15.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	130	<b>82.8%</b>	<b>85.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.743	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.126	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>29.4%</b>	<b>41.2%</b>	<b>29.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>25.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>42.5%</b>	<b>23.8%</b>	<b>26.9%</b>	<b>6.9%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.008* sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TYNGSBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>310</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.8%</b>	Citations per 1000	
	Passing through:	<b>82.2%</b>	18 + residents:	<b>30.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 286)				ITP Stops <sup>3</sup> (N = 116)			
Mean age				Mean age			
<b>34.38</b>				<b>35.22</b>			
Gender %				Gender %			
Female <b>33.2%</b>				Female <b>37.9%</b>			
Male <b>66.8%</b>				Male <b>62.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>8.0%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>9.8%</b>				Hispanic <b>10.7%</b>			
White <b>74.2%</b>				White <b>73.2%</b>			
Other <b>8.0%</b>				Other <b>8.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.0%</b>	<b>0.9%</b>	<b>7.1%</b>	AA/Black	<b>8.0%</b>	<b>14.4%</b>	<b>-6.4%</b>
Hispanic	<b>9.8%</b>	<b>4.5%</b>	<b>5.3%</b>	Hispanic	<b>9.8%</b>	<b>14.5%</b>	<b>-4.7%</b>
White	<b>74.2%</b>	<b>83.6%</b>	<b>-9.4%</b>	White	<b>74.2%</b>	<b>66.4%</b>	<b>7.8%</b>
Other	<b>8.0%</b>	<b>10.9%</b>	<b>-2.9%</b>	Other	<b>8.0%</b>	<b>4.6%</b>	<b>3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	65	<b>23.8%</b>	<b>27.2%</b>	NW	27	<b>31.1%</b>	<b>18.6%</b>
White	190	<b>76.2%</b>	<b>72.8%</b>	White	77	<b>68.9%</b>	<b>81.4%</b>
Chi-square, X-tab <sup>6</sup> :		.539	not sig.	Chi-square, X-tab <sup>6</sup> :		.151	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.879	not sig.	Odds ratio Exp(B) <sup>7</sup> :		2.839	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.0%</b>	<b>18.5%</b>	<b>11.1%</b>	<b>7.4%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>53.6%</b>	<b>32.1%</b>	<b>3.6%</b>	<b>10.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>72.5%</b>	<b>12.8%</b>	<b>10.6%</b>	<b>4.1%</b>			
Other	<b>79.2%</b>	<b>12.5%</b>	<b>4.2%</b>	<b>4.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.175	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### UPTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,348</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.2%</b>	Citations per 1000	
	Passing through:	<b>88.8%</b>	18 + residents:	<b>222.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,291)				ITP Stops <sup>3</sup> (N = 580)			
Mean age				Mean age			
<b>36.98</b>				<b>36.98</b>			
Gender %				Gender %			
Female <b>33.8%</b>				Female <b>32.7%</b>			
Male <b>66.2%</b>				Male <b>67.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>6.1%</b>				AA/Black <b>4.7%</b>			
Hispanic <b>14.3%</b>				Hispanic <b>13.7%</b>			
White <b>73.4%</b>				White <b>76.7%</b>			
Other <b>6.2%</b>				Other <b>4.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.1%</b>	<b>7.6%</b>	<b>-1.5%</b>	AA/Black	<b>6.1%</b>	<b>14.4%</b>	<b>-8.3%</b>
Hispanic	<b>14.3%</b>	<b>3.6%</b>	<b>10.7%</b>	Hispanic	<b>14.3%</b>	<b>14.5%</b>	<b>-0.2%</b>
White	<b>73.4%</b>	<b>80.2%</b>	<b>-6.8%</b>	White	<b>73.4%</b>	<b>66.4%</b>	<b>7.0%</b>
Other	<b>6.2%</b>	<b>9.4%</b>	<b>-3.2%</b>	Other	<b>6.2%</b>	<b>4.6%</b>	<b>1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	330	<b>25.8%</b>	<b>28.1%</b>	NW	124	<b>26.2%</b>	<b>22.3%</b>
White	889	<b>74.2%</b>	<b>71.9%</b>	White	393	<b>73.8%</b>	<b>77.7%</b>
Chi-square, X-tab <sup>6</sup> :		.369	not sig.	Chi-square, X-tab <sup>6</sup> :		.296	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.876	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.162	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>67.5%</b>	<b>16.9%</b>	<b>13.3%</b>	<b>2.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>45.2%</b>	<b>15.6%</b>	<b>37.6%</b>	<b>1.6%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>73.5%</b>	<b>17.1%</b>	<b>7.0%</b>	<b>2.4%</b>			
Other	<b>74.1%</b>	<b>21.0%</b>	<b>4.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### UXBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>455</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.1%</b>	Citations per 1000	
	Passing through:	<b>70.9%</b>	18 + residents:	<b>40.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 402)				ITP Stops <sup>3</sup> (N = 162)			
Mean age				Mean age			
<b>37.06</b>				<b>36.37</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>31.7%</b>			
Male <b>62.7%</b>				Male <b>68.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>8.9%</b>				AA/Black <b>6.9%</b>			
Hispanic <b>4.8%</b>				Hispanic <b>5.0%</b>			
White <b>84.7%</b>				White <b>87.4%</b>			
Other <b>1.5%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>1.9%</b>	<b>7.0%</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>4.8%</b>	<b>1.7%</b>	<b>3.1%</b>	Hispanic	<b>4.8%</b>	<b>14.5%</b>	<b>-9.7%</b>
White	<b>84.7%</b>	<b>94.9%</b>	<b>-10.2%</b>	White	<b>84.7%</b>	<b>66.4%</b>	<b>18.3%</b>
Other	<b>1.5%</b>	<b>1.4%</b>	<b>0.1%</b>	Other	<b>1.5%</b>	<b>4.6%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	59	<b>14.8%</b>	<b>18.3%</b>	NW	20	<b>20.3%</b>	<b>9.3%</b>
White	309	<b>85.2%</b>	<b>81.7%</b>	White	119	<b>79.7%</b>	<b>90.7%</b>
Chi-square, X-tab <sup>6</sup> :		.374	not sig.	Chi-square, X-tab <sup>6</sup> :		.066	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.753	not sig.	Odds ratio Exp(B) <sup>7</sup> :		2.867	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>31.7%</b>	<b>14.6%</b>	<b>48.8%</b>	<b>4.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>26.1%</b>	<b>8.7%</b>	<b>52.2%</b>	<b>13.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>60.7%</b>	<b>12.0%</b>	<b>21.9%</b>	<b>5.3%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WAKEFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,140</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.1%</b>	Citations per 1000	
	Passing through:	<b>64.9%</b>	18 + residents:	<b>52.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,018)				ITP Stops <sup>3</sup> (N = 606)			
Mean age				Mean age			
<b>39.91</b>				<b>39.83</b>			
Gender %				Gender %			
Female <b>39.0%</b>				Female <b>39.4%</b>			
Male <b>61.0%</b>				Male <b>60.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>4.7%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>3.3%</b>				Hispanic <b>3.2%</b>			
White <b>90.0%</b>				White <b>90.5%</b>			
Other <b>2.0%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.7%</b>	<b>1.8%</b>	<b>2.9%</b>	AA/Black	<b>4.7%</b>	<b>14.4%</b>	<b>-9.7%</b>
Hispanic	<b>3.3%</b>	<b>3.5%</b>	<b>-0.2%</b>	Hispanic	<b>3.3%</b>	<b>14.5%</b>	<b>-11.2%</b>
White	<b>90.0%</b>	<b>91.0%</b>	<b>-1.0%</b>	White	<b>90.0%</b>	<b>66.4%</b>	<b>23.6%</b>
Other	<b>2.0%</b>	<b>3.8%</b>	<b>-1.8%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	95	<b>9.2%</b>	<b>11.8%</b>	NW	53	<b>9.5%</b>	<b>10.3%</b>
White	844	<b>90.8%</b>	<b>88.2%</b>	White	490	<b>90.5%</b>	<b>89.7%</b>
Chi-square, X-tab <sup>6</sup> : .203 not sig.				Chi-square, X-tab <sup>6</sup> : .776 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .641 not sig.				Odds ratio Exp(B) <sup>7</sup> : .590 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>90.2%</b>	<b>3.9%</b>	<b>5.9%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>68.4%</b>	<b>5.3%</b>	<b>21.1%</b>	<b>5.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>88.7%</b>	<b>6.0%</b>	<b>2.9%</b>	<b>2.5%</b>			
Other	<b>90.5%</b>	<b>4.8%</b>	<b>4.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WALPOLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,689</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.8%</b>	Citations per 1000	
	Passing through:	<b>74.2%</b>	18 + residents:	<b>143.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,645)				ITP Stops <sup>3</sup> (N = 859)			
Mean age				Mean age			
<b>41.33</b>				<b>39.67</b>			
Gender %				Gender %			
Female <b>43.4%</b>				Female <b>39.2%</b>			
Male <b>56.6%</b>				Male <b>60.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>8.9%</b>				AA/Black <b>11.0%</b>			
Hispanic <b>5.4%</b>				Hispanic <b>7.1%</b>			
White <b>81.1%</b>				White <b>76.4%</b>			
Other <b>4.6%</b>				Other <b>5.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>2.1%</b>	<b>6.8%</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>5.4%</b>	<b>7.9%</b>	<b>-2.5%</b>	Hispanic	<b>5.4%</b>	<b>14.5%</b>	<b>-9.1%</b>
White	<b>81.1%</b>	<b>82.2%</b>	<b>-1.1%</b>	White	<b>81.1%</b>	<b>66.4%</b>	<b>14.7%</b>
Other	<b>4.6%</b>	<b>7.0%</b>	<b>-2.4%</b>	Other	<b>4.6%</b>	<b>4.6%</b>	<b>0.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	470	<b>16.3%</b>	<b>28.4%</b>	NW	186	<b>21.8%</b>	<b>28.9%</b>
White	2,007	<b>83.7%</b>	<b>71.6%</b>	White	591	<b>78.2%</b>	<b>71.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .035* sig.			
Odds ratio Exp(B) <sup>7</sup> : .493* sig.				Odds ratio Exp(B) <sup>7</sup> : .726 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.1%</b>	<b>6.0%</b>	<b>8.1%</b>	<b>3.8%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>83.2%</b>	<b>3.5%</b>	<b>10.5%</b>	<b>2.8%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>93.8%</b>	<b>2.3%</b>	<b>3.4%</b>	<b>0.6%</b>			
Other	<b>95.8%</b>	<b>4.2%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WALTHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,509</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>42.5%</b>	Citations per 1000	
	Passing through:	<b>59.5%</b>	18 + residents:	<b>46.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,049)				ITP Stops <sup>3</sup> (N = 669)			
Mean age				Mean age			
<b>39.71</b>				<b>38.76</b>			
Gender %				Gender %			
Female <b>40.3%</b>				Female <b>42.8%</b>			
Male <b>59.6%</b>				Male <b>56.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>11.5%</b>				AA/Black <b>10.1%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>8.8%</b>			
White <b>71.5%</b>				White <b>71.0%</b>			
Other <b>8.3%</b>				Other <b>10.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.5%</b>	<b>7.1%</b>	<b>4.4%</b>	AA/Black	<b>11.5%</b>	<b>14.4%</b>	<b>-2.9%</b>
Hispanic	<b>8.6%</b>	<b>13.6%</b>	<b>-5.0%</b>	Hispanic	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
White	<b>71.5%</b>	<b>65.9%</b>	<b>5.6%</b>	White	<b>71.5%</b>	<b>66.4%</b>	<b>5.1%</b>
Other	<b>8.3%</b>	<b>15.9%</b>	<b>-7.6%</b>	Other	<b>8.3%</b>	<b>4.6%</b>	<b>3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	537	<b>27.7%</b>	<b>32.3%</b>	NW	172	<b>29.0%</b>	<b>27.0%</b>
White	1,366	<b>72.3%</b>	<b>67.7%</b>	White	431	<b>71.0%</b>	<b>73.0%</b>
Chi-square, X-tab <sup>6</sup> : .146 not sig.				Chi-square, X-tab <sup>6</sup> : .655 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .672* sig.				Odds ratio Exp(B) <sup>7</sup> : .662 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.9%</b>	<b>5.4%</b>	<b>15.1%</b>	<b>1.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>65.9%</b>	<b>10.6%</b>	<b>23.4%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>87.9%</b>	<b>6.6%</b>	<b>5.1%</b>	<b>0.4%</b>			
Other	<b>81.0%</b>	<b>16.4%</b>	<b>2.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WARE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>545</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>39.4%</b>	Citations per 1000	
	Passing through:	<b>60.6%</b>	18 + residents:	<b>70.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 520)				ITP Stops <sup>3</sup> (N = 191)			
Mean age				Mean age			
<b>36.26</b>				<b>35.1</b>			
Gender %				Gender %			
Female <b>33.7%</b>				Female <b>28.4%</b>			
Male <b>66.3%</b>				Male <b>71.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>8.9%</b>				AA/Black <b>9.2%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>4.9%</b>			
White <b>83.8%</b>				White <b>84.9%</b>			
Other <b>0.6%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>1.3%</b>	<b>7.6%</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>6.7%</b>	<b>7.7%</b>	<b>-1.0%</b>	Hispanic	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
White	<b>83.8%</b>	<b>89.3%</b>	<b>-5.5%</b>	White	<b>83.8%</b>	<b>66.4%</b>	<b>17.4%</b>
Other	<b>0.6%</b>	<b>2.6%</b>	<b>-2.0%</b>	Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	74	<b>14.4%</b>	<b>18.1%</b>	NW	25	<b>18.4%</b>	<b>10.9%</b>
White	386	<b>85.6%</b>	<b>81.9%</b>	White	137	<b>81.6%</b>	<b>89.1%</b>
Chi-square, X-tab <sup>6</sup> :		.283	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.201	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.700	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.346	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>28.9%</b>	<b>13.3%</b>	<b>35.6%</b>	<b>22.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>44.1%</b>	<b>8.8%</b>	<b>32.4%</b>	<b>14.7%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>46.1%</b>	<b>20.6%</b>	<b>18.6%</b>	<b>14.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.025 *	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WAREHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>457</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>16.3%</b>	Citations per 1000				
	Passing through:		<b>83.7%</b>	18 + residents: <b>24.5</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 376)				ITP Stops <sup>3</sup> (N = 149)				
Mean age				Mean age				
38.29				38.39				
Gender %				Gender %				
Female 30.2%				Female 32.0%				
Male 69.8%				Male 68.0%				
Non-binary 0.0%				Non-binary 0.0%				
Race % Mis/Unk <sup>4</sup> 4.8%				Race % Mis/Unk <sup>4</sup> 4.0%				
AA/Black 17.0%				AA/Black 18.2%				
Hispanic 3.1%				Hispanic 4.2%				
White 78.8%			White 76.2%					
Other 1.1%			Other 1.4%					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	17.0%	2.7%	14.3%		AA/Black	17.0%	14.4%	2.6%
Hispanic	3.1%	3.6%	-0.5%		Hispanic	3.1%	14.5%	-11.4%
White	78.8%	84.5%	-5.7%		White	78.8%	66.4%	12.4%
Other	1.1%	6.3%	-5.2%		Other	1.1%	4.6%	-3.5%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	70	18.8%	27.4%		NW	32	23.2%	33.3%
White	259	81.2%	72.6%		White	94	76.8%	66.7%
Chi-square, X-tab <sup>6</sup> :		.085	not sig.		Chi-square, X-tab <sup>6</sup> :		.285	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.577	not sig.		Odds ratio Exp(B) <sup>7</sup> :		.410	not sig.
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	34.8%	20.3%	34.8%	10.1%	NW	1	N/A	
Hispanic	50.0%	16.7%	8.3%	25.0%	White	8	N/A	
White	43.1%	20.4%	26.1%	10.5%				
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.201	not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WARREN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>763</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.7%</b>	Citations per 1000	
	Passing through:	<b>77.3%</b>	18 + residents:	<b>188.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 750)				ITP Stops <sup>3</sup> (N = 371)			
Mean age				Mean age			
<b>35.66</b>				<b>35.51</b>			
Gender %				Gender %			
Female <b>34.2%</b>				Female <b>36.9%</b>			
Male <b>65.5%</b>				Male <b>62.8%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>3.0%</b>				AA/Black <b>2.2%</b>			
Hispanic <b>4.7%</b>				Hispanic <b>5.5%</b>			
White <b>91.6%</b>				White <b>92.3%</b>			
Other <b>0.7%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.0%</b>	<b>0.6%</b>	<b>2.4%</b>	AA/Black	<b>3.0%</b>	<b>14.4%</b>	<b>-11.4%</b>
Hispanic	<b>4.7%</b>	<b>1.2%</b>	<b>3.5%</b>	Hispanic	<b>4.7%</b>	<b>14.5%</b>	<b>-9.8%</b>
White	<b>91.6%</b>	<b>95.6%</b>	<b>-4.0%</b>	White	<b>91.6%</b>	<b>66.4%</b>	<b>25.2%</b>
Other	<b>0.7%</b>	<b>2.5%</b>	<b>-1.8%</b>	Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	<b>8.2%</b>	<b>8.5%</b>	NW	25	<b>7.2%</b>	<b>8.8%</b>
White	580	<b>91.8%</b>	<b>91.5%</b>	White	289	<b>92.8%</b>	<b>91.2%</b>
Chi-square, X-tab <sup>6</sup> : .891 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .588 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : 1.047 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.335 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.3%</b>	<b>4.5%</b>	<b>18.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>79.4%</b>	<b>8.8%</b>	<b>11.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>82.7%</b>	<b>9.6%</b>	<b>7.2%</b>	<b>0.4%</b>			
Other	<b>40.0%</b>	<b>40.0%</b>	<b>20.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .227 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WARWICK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>237</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>28.7%</b>	Citations per 1000				
	Passing through:		<b>71.3%</b>	18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 231)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>40.48</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>35.1%</b>				Female <b>N/A</b>				
Male <b>64.9%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>0.9%</b>				AA/Black <b>N/A</b>				
Hispanic <b>1.8%</b>				Hispanic <b>N/A</b>				
White <b>97.4%</b>			White <b>N/A</b>					
Other <b>0.0%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>0.9%</b>	<b>14.4%</b>	<b>-13.5%</b>
Hispanic	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>1.8%</b>	<b>14.5%</b>	<b>-12.7%</b>
White	<b>97.4%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>97.4%</b>	<b>66.4%</b>	<b>31.0%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>	
Hispanic	<b>50.0%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>	
White	<b>60.2%</b>	<b>33.6%</b>	<b>6.2%</b>	<b>0.0%</b>				
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .841				not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WATERTOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>497</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>24.1%</b>	Citations per 1000				
	Passing through:		<b>75.9%</b>	18 + residents: <b>16.3</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 424)				ITP Stops <sup>3</sup> (N = 140)				
Mean age				Mean age				
<b>37.67</b>				<b>37.04</b>				
Gender %				Gender %				
Female <b>35.9%</b>				Female <b>36.0%</b>				
Male <b>64.1%</b>				Male <b>64.0%</b>				
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				
AA/Black <b>14.8%</b>				AA/Black <b>10.0%</b>				
Hispanic <b>12.6%</b>				Hispanic <b>9.3%</b>				
White <b>60.4%</b>			White <b>67.1%</b>					
Other <b>12.2%</b>			Other <b>13.6%</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>14.8%</b>	<b>1.6%</b>	<b>13.2%</b>		AA/Black	<b>14.8%</b>	<b>14.4%</b>	<b>0.4%</b>
Hispanic	<b>12.6%</b>	<b>9.2%</b>	<b>3.4%</b>		Hispanic	<b>12.6%</b>	<b>14.5%</b>	<b>-1.9%</b>
White	<b>60.4%</b>	<b>76.4%</b>	<b>-16.0%</b>		White	<b>60.4%</b>	<b>66.4%</b>	<b>-6.0%</b>
Other	<b>12.2%</b>	<b>12.7%</b>	<b>-0.5%</b>		Other	<b>12.2%</b>	<b>4.6%</b>	<b>7.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	151	<b>35.5%</b>	<b>44.8%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	249	<b>64.5%</b>	<b>55.2%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.103	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.802	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>70.4%</b>	<b>5.6%</b>	<b>21.1%</b>	<b>2.8%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>58.2%</b>	<b>10.4%</b>	<b>26.9%</b>	<b>4.5%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>75.3%</b>	<b>14.3%</b>	<b>8.3%</b>	<b>2.0%</b>				
Other	<b>75.5%</b>	<b>17.0%</b>	<b>5.7%</b>	<b>1.9%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.000* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WAYLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>209</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>13.5%</b>	Citations per 1000				
	Passing through:		<b>86.5%</b>	18 + residents: <b>20.6</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 163)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
<b>42.31</b>				<b>N/A</b>				
Gender %				Gender %				
Female <b>39.9%</b>				Female <b>N/A</b>				
Male <b>60.1%</b>				Male <b>N/A</b>				
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>6.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>5.3%</b>				AA/Black <b>N/A</b>				
Hispanic <b>13.2%</b>				Hispanic <b>N/A</b>				
White <b>70.4%</b>			White <b>N/A</b>					
Other <b>11.1%</b>			Other <b>N/A</b>					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>5.3%</b>	<b>0.7%</b>	<b>4.6%</b>		AA/Black	<b>5.3%</b>	<b>14.4%</b>	<b>-9.1%</b>
Hispanic	<b>13.2%</b>	<b>4.8%</b>	<b>8.4%</b>		Hispanic	<b>13.2%</b>	<b>14.5%</b>	<b>-1.3%</b>
White	<b>70.4%</b>	<b>79.6%</b>	<b>-9.2%</b>		White	<b>70.4%</b>	<b>66.4%</b>	<b>4.0%</b>
Other	<b>11.1%</b>	<b>15.0%</b>	<b>-3.9%</b>		Other	<b>11.1%</b>	<b>4.6%</b>	<b>6.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	38	<b>23.7%</b>	<b>45.8%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	100	<b>76.3%</b>	<b>54.2%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.027*	sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.273*	sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>29.4%</b>	<b>2.9%</b>	<b>64.7%</b>	<b>2.9%</b>	White	<b>1</b>	<b>N/A</b>	
White	<b>73.7%</b>	<b>8.8%</b>	<b>16.1%</b>	<b>1.5%</b>				
Other	<b>66.7%</b>	<b>11.1%</b>	<b>22.2%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :								
.000* sig.								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEBSTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,375</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.4%</b>	Citations per 1000	
	Passing through:	<b>58.6%</b>	18 + residents:	<b>101.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,290)				ITP Stops <sup>3</sup> (N = 486)			
Mean age				Mean age			
<b>36.71</b>				<b>36.7</b>			
Gender %				Gender %			
Female <b>38.0%</b>				Female <b>39.9%</b>			
Male <b>62.0%</b>				Male <b>60.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>8.2%</b>				AA/Black <b>5.4%</b>			
Hispanic <b>16.6%</b>				Hispanic <b>16.2%</b>			
White <b>72.5%</b>				White <b>76.3%</b>			
Other <b>2.7%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.2%</b>	<b>4.9%</b>	<b>3.3%</b>	AA/Black	<b>8.2%</b>	<b>14.4%</b>	<b>-6.2%</b>
Hispanic	<b>16.6%</b>	<b>12.1%</b>	<b>4.5%</b>	Hispanic	<b>16.6%</b>	<b>14.5%</b>	<b>2.1%</b>
White	<b>72.5%</b>	<b>80.0%</b>	<b>-7.5%</b>	White	<b>72.5%</b>	<b>66.4%</b>	<b>6.1%</b>
Other	<b>2.7%</b>	<b>4.1%</b>	<b>-1.4%</b>	Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	324	<b>24.1%</b>	<b>30.1%</b>	NW	92	<b>18.8%</b>	<b>24.5%</b>
White	864	<b>75.9%</b>	<b>69.9%</b>	White	327	<b>81.2%</b>	<b>75.5%</b>
Chi-square, X-tab <sup>6</sup> : .020* sig.				Chi-square, X-tab <sup>6</sup> : .165 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .802 not sig.				Odds ratio Exp(B) <sup>7</sup> : .604 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>39.1%</b>	<b>8.7%</b>	<b>45.2%</b>	<b>7.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>47.7%</b>	<b>5.9%</b>	<b>43.2%</b>	<b>3.2%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>63.4%</b>	<b>7.7%</b>	<b>22.1%</b>	<b>6.8%</b>			
Other	<b>80.6%</b>	<b>5.6%</b>	<b>11.1%</b>	<b>2.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WELLESLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,329</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.6%</b>	Citations per 1000	
	Passing through:	<b>83.4%</b>	18 + residents:	<b>108.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,179)				ITP Stops <sup>3</sup> (N = 827)			
Mean age				Mean age			
<b>40.38</b>				<b>41.54</b>			
Gender %				Gender %			
Female <b>35.0%</b>				Female <b>37.5%</b>			
Male <b>64.9%</b>				Male <b>62.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>8.9%</b>				AA/Black <b>8.0%</b>			
Hispanic <b>8.5%</b>				Hispanic <b>7.1%</b>			
White <b>74.4%</b>				White <b>76.3%</b>			
Other <b>8.2%</b>				Other <b>8.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>2.9%</b>	<b>6.0%</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>8.5%</b>	<b>5.1%</b>	<b>3.4%</b>	Hispanic	<b>8.5%</b>	<b>14.5%</b>	<b>-6.0%</b>
White	<b>74.4%</b>	<b>76.6%</b>	<b>-2.2%</b>	White	<b>74.4%</b>	<b>66.4%</b>	<b>8.0%</b>
Other	<b>8.2%</b>	<b>15.9%</b>	<b>-7.7%</b>	Other	<b>8.2%</b>	<b>4.6%</b>	<b>3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	518	<b>22.6%</b>	<b>34.1%</b>	NW	173	<b>20.7%</b>	<b>28.0%</b>
White	1,521	<b>77.4%</b>	<b>65.9%</b>	White	575	<b>79.3%</b>	<b>72.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .025* sig.			
Odds ratio Exp(B) <sup>7</sup> : .555* sig.				Odds ratio Exp(B) <sup>7</sup> : .495* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.2%</b>	<b>7.2%</b>	<b>10.1%</b>	<b>2.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>75.3%</b>	<b>13.9%</b>	<b>9.3%</b>	<b>1.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.9%</b>	<b>10.4%</b>	<b>3.6%</b>	<b>1.1%</b>			
Other	<b>82.1%</b>	<b>15.3%</b>	<b>1.1%</b>	<b>1.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WELLFLEET POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>570</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.3%</b>	Citations per 1000	
	Passing through:	<b>87.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 563)				ITP Stops <sup>3</sup> (N = 266)			
Mean age				Mean age			
<b>41.93</b>				<b>40.89</b>			
Gender %				Gender %			
Female <b>35.5%</b>				Female <b>36.1%</b>			
Male <b>64.5%</b>				Male <b>63.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>9.8%</b>				AA/Black <b>8.4%</b>			
Hispanic <b>4.5%</b>				Hispanic <b>5.0%</b>			
White <b>83.4%</b>				White <b>84.7%</b>			
Other <b>2.4%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.8%</b>	<b>14.4%</b>	<b>-4.6%</b>
Hispanic	<b>4.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
White	<b>83.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>83.4%</b>	<b>66.4%</b>	<b>17.0%</b>
Other	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	79	<b>14.8%</b>	<b>17.6%</b>	NW	32	<b>11.8%</b>	<b>19.6%</b>
White	434	<b>85.2%</b>	<b>82.4%</b>	White	206	<b>88.2%</b>	<b>80.4%</b>
Chi-square, X-tab <sup>6</sup> :		.477	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.146	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.826	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.816	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.2%</b>	<b>5.6%</b>	<b>9.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>76.0%</b>	<b>8.0%</b>	<b>16.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>86.8%</b>	<b>6.4%</b>	<b>5.8%</b>	<b>1.1%</b>			
Other	<b>76.9%</b>	<b>23.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.203	<i>not sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WENHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>267</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>5.2%</b>	Citations per 1000		
	Passing through:		<b>94.8%</b>	18 + residents: <b>60</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
All Stops <sup>2</sup> (N = 251)				ITP Stops <sup>3</sup> (N = N/A)		
Mean age				Mean age		
<b>39.71</b>				<b>N/A</b>		
Gender %				Gender %		
Female <b>44.8%</b>				Female <b>N/A</b>		
Male <b>55.2%</b>				Male <b>N/A</b>		
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>		
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>		
AA/Black <b>3.7%</b>				AA/Black <b>N/A</b>		
Hispanic <b>6.2%</b>				Hispanic <b>N/A</b>		
White <b>87.8%</b>				White <b>N/A</b>		
Other <b>2.5%</b>				Other <b>N/A</b>		
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
Comparative Analyses						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	<b>3.7%</b>	<b>2.7%</b>	<b>1.0%</b>	AA/Black	<b>3.7%</b> <b>14.4%</b>	<b>-10.7%</b>
Hispanic	<b>6.2%</b>	<b>5.4%</b>	<b>0.8%</b>	Hispanic	<b>6.2%</b> <b>14.5%</b>	<b>-8.3%</b>
White	<b>87.8%</b>	<b>87.8%</b>	<b>0.0%</b>	White	<b>87.8%</b> <b>66.4%</b>	<b>21.4%</b>
Other	<b>2.5%</b>	<b>4.5%</b>	<b>-2.0%</b>	Other	<b>2.5%</b> <b>4.6%</b>	<b>-2.1%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
VoD Analyses						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	26	<b>10.3%</b>	<b>20.5%</b>	NW	N/A	<b>N/A</b> <b>N/A</b>
White	188	<b>89.7%</b>	<b>79.5%</b>	White	N/A	<b>N/A</b> <b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.077	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		.470	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
Citation Outcomes by Race <sup>8</sup>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>40.0%</b>	<b>20.0%</b>	<b>40.0%</b>	<b>0.0%</b>	NW	<b>0</b> <b>N/A</b>
Hispanic	<b>25.0%</b>	<b>18.8%</b>	<b>50.0%</b>	<b>6.3%</b>	White	<b>2</b> <b>N/A</b>
White	<b>60.4%</b>	<b>12.4%</b>	<b>25.3%</b>	<b>1.8%</b>		
Other	<b>83.3%</b>	<b>0.0%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts Percent
Chi-square, X-tab <sup>6</sup> :		.205	not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEST BOYLSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>299</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.7%</b>	Citations per 1000	
	Passing through:	<b>86.3%</b>	18 + residents:	<b>42.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 291)				ITP Stops <sup>3</sup> (N = 107)			
Mean age				Mean age			
<b>38.67</b>				<b>38.52</b>			
Gender %				Gender %			
Female <b>45.0%</b>				Female <b>46.7%</b>			
Male <b>55.0%</b>				Male <b>53.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>7.1%</b>				AA/Black <b>4.8%</b>			
Hispanic <b>11.7%</b>				Hispanic <b>11.4%</b>			
White <b>75.9%</b>				White <b>76.2%</b>			
Other <b>5.3%</b>				Other <b>7.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.1%</b>	<b>6.3%</b>	<b>0.8%</b>	AA/Black	<b>7.1%</b>	<b>14.4%</b>	<b>-7.3%</b>
Hispanic	<b>11.7%</b>	<b>12.3%</b>	<b>-0.6%</b>	Hispanic	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
White	<b>75.9%</b>	<b>79.4%</b>	<b>-3.5%</b>	White	<b>75.9%</b>	<b>66.4%</b>	<b>9.5%</b>
Other	<b>5.3%</b>	<b>3.9%</b>	<b>1.4%</b>	Other	<b>5.3%</b>	<b>4.6%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	63	<b>24.3%</b>	<b>20.7%</b>	NW	20	<b>22.6%</b>	<b>18.8%</b>
White	205	<b>75.7%</b>	<b>79.3%</b>	White	74	<b>77.4%</b>	<b>81.3%</b>
Chi-square, X-tab <sup>6</sup> :		.568	not sig.	Chi-square, X-tab <sup>6</sup> :		.667	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.517	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.041	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.0%</b>	<b>5.0%</b>	<b>30.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>81.8%</b>	<b>6.1%</b>	<b>12.1%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>80.2%</b>	<b>7.2%</b>	<b>12.2%</b>	<b>0.5%</b>			
Other	<b>86.7%</b>	<b>13.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.477	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEST BRIDGEWATER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,150</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.7%</b>	Citations per 1000	
	Passing through:	<b>93.3%</b>	18 + residents:	<b>373.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,111)				ITP Stops <sup>3</sup> (N = 837)			
Mean age				Mean age			
<b>35.5</b>				<b>34.96</b>			
Gender %				Gender %			
Female <b>38.3%</b>				Female <b>37.2%</b>			
Male <b>61.7%</b>				Male <b>62.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>29.1%</b>				AA/Black <b>29.3%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>6.3%</b>			
White <b>62.2%</b>				White <b>63.0%</b>			
Other <b>1.2%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>29.1%</b>	<b>1.8%</b>	<b>27.3%</b>	AA/Black	<b>29.1%</b>	<b>14.4%</b>	<b>14.7%</b>
Hispanic	<b>7.5%</b>	<b>3.1%</b>	<b>4.4%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>62.2%</b>	<b>92.8%</b>	<b>-30.6%</b>	White	<b>62.2%</b>	<b>66.4%</b>	<b>-4.2%</b>
Other	<b>1.2%</b>	<b>2.3%</b>	<b>-1.1%</b>	Other	<b>1.2%</b>	<b>4.6%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	748	<b>35.3%</b>	<b>45.0%</b>	NW	269	<b>36.7%</b>	<b>36.9%</b>
White	1,234	<b>64.7%</b>	<b>55.0%</b>	White	463	<b>63.3%</b>	<b>63.1%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.964	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.630*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.939	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.0%</b>	<b>14.8%</b>	<b>15.4%</b>	<b>1.8%</b>	NW	<b>71</b>	<b>36.2%</b>
Hispanic	<b>63.1%</b>	<b>11.3%</b>	<b>24.4%</b>	<b>1.3%</b>	White	<b>125</b>	<b>63.8%</b>
White	<b>73.8%</b>	<b>16.6%</b>	<b>7.5%</b>	<b>2.1%</b>			
Other	<b>79.2%</b>	<b>16.7%</b>	<b>4.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WEST BROOKFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>196</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>5.6%</b>			Citations per 1000				
	Passing through: <b>94.4%</b>			18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 177)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
<b>40.8</b>					<b>N/A</b>			
Gender %					Gender %			
Female <b>29.4%</b>					Female <b>N/A</b>			
Male <b>70.6%</b>					Male <b>N/A</b>			
Non-binary <b>0.0%</b>					Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>					Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>8.7%</b>					AA/Black <b>N/A</b>			
Hispanic <b>3.5%</b>					Hispanic <b>N/A</b>			
White <b>84.4%</b>				White <b>N/A</b>				
Other <b>3.5%</b>				Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	<b>8.7%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>8.7%</b>	<b>14.4%</b>	<b>-5.7%</b>
Hispanic	<b>3.5%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
White	<b>84.4%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>84.4%</b>	<b>66.4%</b>	<b>18.0%</b>
Other	<b>3.5%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>3.5%</b>	<b>4.6%</b>	<b>-1.1%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	26	<b>17.2%</b>	<b>15.0%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>
White	130	<b>82.8%</b>	<b>85.0%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.743	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.126	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>29.4%</b>	<b>41.2%</b>	<b>29.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>25.0%</b>	<b>25.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>	
White	<b>42.5%</b>	<b>23.8%</b>	<b>26.9%</b>	<b>6.9%</b>				
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.008* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEST NEWBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>421</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.5%</b>	Citations per 1000	
	Passing through:	<b>79.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 409)				ITP Stops <sup>3</sup> (N = 184)			
Mean age				Mean age			
<b>36.06</b>				<b>36.81</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>24.6%</b>			
Male <b>68.4%</b>				Male <b>75.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>2.9%</b>		Race %	Mis/Unk <sup>4</sup>	<b>2.7%</b>	
AA/Black	<b>4.8%</b>			AA/Black	<b>5.6%</b>		
Hispanic	<b>11.3%</b>			Hispanic	<b>9.5%</b>		
White	<b>83.1%</b>			White	<b>84.4%</b>		
Other	<b>0.8%</b>			Other	<b>0.6%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.8%</b>	<b>14.4%</b>	<b>-9.6%</b>
Hispanic	<b>11.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
White	<b>83.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>83.1%</b>	<b>66.4%</b>	<b>16.7%</b>
Other	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	62	<b>14.4%</b>	<b>20.4%</b>	NW	25	<b>12.7%</b>	<b>19.7%</b>
White	300	<b>85.6%</b>	<b>79.6%</b>	White	130	<b>87.3%</b>	<b>80.3%</b>
Chi-square, X-tab <sup>6</sup> : .131 not sig.				Chi-square, X-tab <sup>6</sup> : .231 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .615 not sig.				Odds ratio Exp(B) <sup>7</sup> : .518 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>26.3%</b>	<b>31.6%</b>	<b>36.8%</b>	<b>5.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>42.2%</b>	<b>28.9%</b>	<b>26.7%</b>	<b>2.2%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>47.7%</b>	<b>31.0%</b>	<b>18.1%</b>	<b>3.2%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>33.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .059 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEST SPRINGFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,306</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.0%</b>	Citations per 1000	
	Passing through:	<b>74.0%</b>	18 + residents:	<b>57.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,226)				ITP Stops <sup>3</sup> (N = 397)			
Mean age				Mean age			
<b>35.41</b>				<b>34.05</b>			
Gender %				Gender %			
Female <b>40.9%</b>				Female <b>38.2%</b>			
Male <b>59.0%</b>				Male <b>61.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>14.1%</b>				AA/Black <b>11.3%</b>			
Hispanic <b>10.5%</b>				Hispanic <b>17.5%</b>			
White <b>73.2%</b>				White <b>67.8%</b>			
Other <b>2.2%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.1%</b>	<b>3.2%</b>	<b>10.9%</b>	AA/Black	<b>14.1%</b>	<b>14.4%</b>	<b>-0.3%</b>
Hispanic	<b>10.5%</b>	<b>10.6%</b>	<b>-0.1%</b>	Hispanic	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
White	<b>73.2%</b>	<b>79.6%</b>	<b>-6.4%</b>	White	<b>73.2%</b>	<b>66.4%</b>	<b>6.8%</b>
Other	<b>2.2%</b>	<b>7.5%</b>	<b>-5.3%</b>	Other	<b>2.2%</b>	<b>4.6%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	253	<b>22.3%</b>	<b>35.4%</b>	NW	118	<b>32.6%</b>	<b>32.5%</b>
White	722	<b>77.7%</b>	<b>64.6%</b>	White	244	<b>67.4%</b>	<b>67.5%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.982	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.449*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.543	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.6%</b>	<b>19.0%</b>	<b>30.5%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>72.8%</b>	<b>24.8%</b>	<b>2.4%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>67.9%</b>	<b>16.6%</b>	<b>15.4%</b>	<b>0.1%</b>			
Other	<b>84.6%</b>	<b>11.5%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>5,919</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.5%</b>	Citations per 1000	
	Passing through:	<b>80.5%</b>	18 + residents:	<b>416.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,839)				ITP Stops <sup>3</sup> (N = 1,832)			
Mean age				Mean age			
<b>39.08</b>				<b>38.77</b>			
Gender %				Gender %			
Female <b>38.5%</b>				Female <b>36.9%</b>			
Male <b>61.5%</b>				Male <b>63.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>10.5%</b>				AA/Black <b>8.7%</b>			
Hispanic <b>11.9%</b>				Hispanic <b>11.2%</b>			
White <b>66.9%</b>				White <b>66.0%</b>			
Other <b>10.7%</b>				Other <b>14.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>1.9%</b>	<b>8.6%</b>	AA/Black	<b>10.5%</b>	<b>14.4%</b>	<b>-3.9%</b>
Hispanic	<b>11.9%</b>	<b>6.2%</b>	<b>5.7%</b>	Hispanic	<b>11.9%</b>	<b>14.5%</b>	<b>-2.6%</b>
White	<b>66.9%</b>	<b>65.0%</b>	<b>1.9%</b>	White	<b>66.9%</b>	<b>66.4%</b>	<b>0.5%</b>
Other	<b>10.7%</b>	<b>27.0%</b>	<b>-16.3%</b>	Other	<b>10.7%</b>	<b>4.6%</b>	<b>6.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,860	<b>27.1%</b>	<b>45.3%</b>	NW	554	<b>32.2%</b>	<b>37.3%</b>
White	3,761	<b>72.9%</b>	<b>54.7%</b>	White	1,085	<b>67.8%</b>	<b>62.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .045* sig.			
Odds ratio Exp(B) <sup>7</sup> : .466* sig.				Odds ratio Exp(B) <sup>7</sup> : .842 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.8%</b>	<b>6.1%</b>	<b>7.1%</b>	<b>1.0%</b>	NW	<b>78</b>	<b>38.8%</b>
Hispanic	<b>70.3%</b>	<b>10.4%</b>	<b>14.9%</b>	<b>4.4%</b>	White	<b>123</b>	<b>61.2%</b>
White	<b>89.6%</b>	<b>6.0%</b>	<b>3.4%</b>	<b>1.0%</b>			
Other	<b>93.1%</b>	<b>4.9%</b>	<b>1.6%</b>	<b>0.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,573</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.8%</b>	Citations per 1000	
	Passing through:	<b>58.2%</b>	18 + residents:	<b>105.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,046)				ITP Stops <sup>3</sup> (N = 877)			
Mean age				Mean age			
<b>35.85</b>				<b>34.94</b>			
Gender %				Gender %			
Female <b>40.0%</b>				Female <b>35.7%</b>			
Male <b>59.9%</b>				Male <b>64.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>6.5%</b>				AA/Black <b>6.5%</b>			
Hispanic <b>7.4%</b>				Hispanic <b>7.2%</b>			
White <b>84.6%</b>				White <b>84.5%</b>			
Other <b>1.5%</b>				Other <b>1.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.5%</b>	<b>1.6%</b>	<b>4.9%</b>	AA/Black	<b>6.5%</b>	<b>14.4%</b>	<b>-7.9%</b>
Hispanic	<b>7.4%</b>	<b>9.5%</b>	<b>-2.1%</b>	Hispanic	<b>7.4%</b>	<b>14.5%</b>	<b>-7.1%</b>
White	<b>84.6%</b>	<b>85.0%</b>	<b>-0.4%</b>	White	<b>84.6%</b>	<b>66.4%</b>	<b>18.2%</b>
Other	<b>1.5%</b>	<b>4.3%</b>	<b>-2.8%</b>	Other	<b>1.5%</b>	<b>4.6%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	435	<b>14.4%</b>	<b>18.1%</b>	NW	117	<b>15.4%</b>	<b>16.1%</b>
White	2,385	<b>85.6%</b>	<b>81.9%</b>	White	633	<b>84.7%</b>	<b>83.9%</b>
Chi-square, X-tab <sup>6</sup> : .013* sig.				Chi-square, X-tab <sup>6</sup> : .796 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .762* sig.				Odds ratio Exp(B) <sup>7</sup> : .856 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.5%</b>	<b>26.2%</b>	<b>10.4%</b>	<b>1.8%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>55.5%</b>	<b>37.1%</b>	<b>6.5%</b>	<b>0.8%</b>	White	<b>17</b>	<b>N/A</b>
White	<b>74.0%</b>	<b>21.2%</b>	<b>3.8%</b>	<b>1.0%</b>			
Other	<b>60.8%</b>	<b>31.4%</b>	<b>5.9%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,466</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.7%</b>	Citations per 1000	
	Passing through:	<b>72.3%</b>	18 + residents:	<b>189.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,172)				ITP Stops <sup>3</sup> (N = 1,256)			
Mean age				Mean age			
<b>37.32</b>				<b>37.48</b>			
Gender %				Gender %			
Female <b>32.8%</b>				Female <b>31.2%</b>			
Male <b>67.1%</b>				Male <b>68.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>6.2%</b>			
Hispanic <b>1.7%</b>				Hispanic <b>1.9%</b>			
White <b>82.9%</b>				White <b>82.0%</b>			
Other <b>8.6%</b>				Other <b>10.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>0.9%</b>	<b>6.0%</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b>	<b>-7.5%</b>
Hispanic	<b>1.7%</b>	<b>1.5%</b>	<b>0.2%</b>	Hispanic	<b>1.7%</b>	<b>14.5%</b>	<b>-12.8%</b>
White	<b>82.9%</b>	<b>76.1%</b>	<b>6.8%</b>	White	<b>82.9%</b>	<b>66.4%</b>	<b>16.5%</b>
Other	<b>8.6%</b>	<b>21.6%</b>	<b>-13.0%</b>	Other	<b>8.6%</b>	<b>4.6%</b>	<b>4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	502	<b>16.4%</b>	<b>18.0%</b>	NW	192	<b>18.9%</b>	<b>16.4%</b>
White	2,451	<b>83.6%</b>	<b>82.0%</b>	White	896	<b>81.1%</b>	<b>83.6%</b>
Chi-square, X-tab <sup>6</sup> : .284 not sig.				Chi-square, X-tab <sup>6</sup> : .274 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .831 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.032 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.1%</b>	<b>20.3%</b>	<b>9.3%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>69.0%</b>	<b>15.5%</b>	<b>12.1%</b>	<b>3.4%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>72.1%</b>	<b>20.7%</b>	<b>6.4%</b>	<b>0.8%</b>			
Other	<b>75.9%</b>	<b>21.6%</b>	<b>2.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .008* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTMINSTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>818</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.0%</b>	Citations per 1000	
	Passing through:	<b>89.0%</b>	18 + residents:	<b>130</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 776)				ITP Stops <sup>3</sup> (N = 307)			
Mean age				Mean age			
<b>34.93</b>				<b>35.53</b>			
Gender %				Gender %			
Female <b>36.4%</b>				Female <b>34.6%</b>			
Male <b>63.3%</b>				Male <b>65.4%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>7.7%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>7.0%</b>				Hispanic <b>4.9%</b>			
White <b>84.3%</b>				White <b>88.2%</b>			
Other <b>1.0%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.7%</b>	<b>0.0%</b>	<b>7.7%</b>	AA/Black	<b>7.7%</b>	<b>14.4%</b>	<b>-6.7%</b>
Hispanic	<b>7.0%</b>	<b>3.3%</b>	<b>3.7%</b>	Hispanic	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
White	<b>84.3%</b>	<b>96.2%</b>	<b>-11.9%</b>	White	<b>84.3%</b>	<b>66.4%</b>	<b>17.9%</b>
Other	<b>1.0%</b>	<b>0.4%</b>	<b>0.6%</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	113	<b>16.5%</b>	<b>14.7%</b>	NW	31	<b>14.6%</b>	<b>7.3%</b>
White	607	<b>83.5%</b>	<b>85.3%</b>	White	243	<b>85.4%</b>	<b>92.7%</b>
Chi-square, X-tab <sup>6</sup> : .494 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .059 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : 1.049 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.128 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.0%</b>	<b>13.6%</b>	<b>6.8%</b>	<b>1.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>70.9%</b>	<b>7.3%</b>	<b>21.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>80.7%</b>	<b>8.3%</b>	<b>8.3%</b>	<b>2.6%</b>			
Other	<b>70.0%</b>	<b>20.0%</b>	<b>10.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .058 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>662</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.7%</b>	Citations per 1000	
	Passing through:	<b>82.3%</b>	18 + residents:	<b>73.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 612)				ITP Stops <sup>3</sup> (N = 304)			
Mean age				Mean age			
<b>42.65</b>				<b>41.21</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>39.5%</b>			
Male <b>62.6%</b>				Male <b>60.2%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>7.9%</b>				AA/Black <b>7.0%</b>			
Hispanic <b>13.2%</b>				Hispanic <b>13.0%</b>			
White <b>67.5%</b>				White <b>70.1%</b>			
Other <b>11.3%</b>				Other <b>10.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.9%</b>	<b>1.9%</b>	<b>6.0%</b>	AA/Black	<b>7.9%</b>	<b>14.4%</b>	<b>-6.5%</b>
Hispanic	<b>13.2%</b>	<b>3.8%</b>	<b>9.4%</b>	Hispanic	<b>13.2%</b>	<b>14.5%</b>	<b>-1.3%</b>
White	<b>67.5%</b>	<b>76.4%</b>	<b>-8.9%</b>	White	<b>67.5%</b>	<b>66.4%</b>	<b>1.1%</b>
Other	<b>11.3%</b>	<b>16.9%</b>	<b>-5.6%</b>	Other	<b>11.3%</b>	<b>4.6%</b>	<b>6.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	182	<b>29.2%</b>	<b>39.5%</b>	NW	82	<b>30.9%</b>	<b>33.3%</b>
White	363	<b>70.8%</b>	<b>60.5%</b>	White	175	<b>69.1%</b>	<b>66.7%</b>
Chi-square, X-tab <sup>6</sup> : .012* sig.				Chi-square, X-tab <sup>6</sup> : .683 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .614* sig.				Odds ratio Exp(B) <sup>7</sup> : .972 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.7%</b>	<b>14.5%</b>	<b>12.7%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>53.8%</b>	<b>16.5%</b>	<b>28.6%</b>	<b>1.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>78.7%</b>	<b>14.4%</b>	<b>6.2%</b>	<b>0.7%</b>			
Other	<b>85.9%</b>	<b>12.7%</b>	<b>1.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WESTPORT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,782</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist: <b>33.7%</b>			Citations per 1000		
	Passing through: <b>66.3%</b>			18 + residents: <b>134.4</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 1,675)</b>				<b>ITP Stops<sup>3</sup> (N = 527)</b>		
Mean age				Mean age		
<b>39.97</b>				<b>38.98</b>		
Gender %				Gender %		
Female <b>41.9%</b>				Female <b>42.2%</b>		
Male <b>58.0%</b>				Male <b>57.8%</b>		
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>		
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>		
AA/Black <b>6.5%</b>				AA/Black <b>4.3%</b>		
Hispanic <b>1.2%</b>				Hispanic <b>1.4%</b>		
White <b>91.3%</b>				White <b>93.6%</b>		
Other <b>1.0%</b>				Other <b>0.8%</b>		
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	6.5%	0.1%	6.4%	AA/Black	6.5%	14.4% -7.9%
Hispanic	1.2%	1.7%	-0.5%	Hispanic	1.2%	14.5% -13.3%
White	91.3%	97.0%	-5.7%	White	91.3%	66.4% 24.9%
Other	1.0%	1.4%	-0.4%	Other	1.0%	4.6% -3.6%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	135	6.3%	13.6%	NW	31	4.1% 9.7%
White	1,354	93.7%	86.4%	White	418	95.9% 90.3%
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.018* sig.
Odds ratio Exp(B) <sup>7</sup> :		.389*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.355* sig.
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	59.6%	19.3%	20.2%	0.9%	NW	0 N/A
Hispanic	54.5%	0.0%	40.9%	4.5%	White	4 N/A
White	74.9%	13.4%	11.1%	0.6%		
Other	88.2%	5.9%	5.9%	0.0%		Counts Percent
Chi-square, X-tab <sup>6</sup> :				.000* sig.		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTWOOD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,893</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.4%</b>	Citations per 1000	
	Passing through:	<b>86.6%</b>	18 + residents:	<b>236.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,807)				ITP Stops <sup>3</sup> (N = 1,052)			
Mean age				Mean age			
<b>40.34</b>				<b>39.86</b>			
Gender %				Gender %			
Female <b>42.7%</b>				Female <b>36.5%</b>			
Male <b>57.2%</b>				Male <b>63.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>4.5%</b>			
AA/Black <b>16.1%</b>				AA/Black <b>17.2%</b>			
Hispanic <b>6.9%</b>				Hispanic <b>8.1%</b>			
White <b>72.1%</b>				White <b>69.1%</b>			
Other <b>4.9%</b>				Other <b>5.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.1%</b>	<b>0.7%</b>	<b>15.4%</b>	AA/Black	<b>16.1%</b>	<b>14.4%</b>	<b>1.7%</b>
Hispanic	<b>6.9%</b>	<b>3.0%</b>	<b>3.9%</b>	Hispanic	<b>6.9%</b>	<b>14.5%</b>	<b>-7.6%</b>
White	<b>72.1%</b>	<b>84.4%</b>	<b>-12.3%</b>	White	<b>72.1%</b>	<b>66.4%</b>	<b>5.7%</b>
Other	<b>4.9%</b>	<b>11.4%</b>	<b>-6.5%</b>	Other	<b>4.9%</b>	<b>4.6%</b>	<b>0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	701	<b>25.3%</b>	<b>33.9%</b>	NW	275	<b>31.6%</b>	<b>31.4%</b>
White	1,821	<b>74.7%</b>	<b>66.1%</b>	White	598	<b>68.4%</b>	<b>68.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .942 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .702* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.621* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.7%</b>	<b>11.4%</b>	<b>6.3%</b>	<b>0.7%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>81.6%</b>	<b>11.1%</b>	<b>5.3%</b>	<b>2.1%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>89.3%</b>	<b>7.1%</b>	<b>2.8%</b>	<b>0.8%</b>			
Other	<b>88.9%</b>	<b>6.7%</b>	<b>3.7%</b>	<b>0.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEYMOUTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>5,901</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.0%</b>	Citations per 1000	
	Passing through:	<b>60.0%</b>	18 + residents:	<b>124.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,642)				ITP Stops <sup>3</sup> (N = 1,813)			
Mean age				Mean age			
<b>38.88</b>				<b>37.19</b>			
Gender %				Gender %			
Female <b>40.7%</b>				Female <b>39.1%</b>			
Male <b>59.2%</b>				Male <b>60.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.2%</b>				Race % Mis/Unk <sup>4</sup> <b>3.9%</b>			
AA/Black <b>11.5%</b>				AA/Black <b>12.0%</b>			
Hispanic <b>4.5%</b>				Hispanic <b>5.3%</b>			
White <b>81.3%</b>				White <b>79.2%</b>			
Other <b>2.8%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.5%</b>	<b>5.6%</b>	<b>5.9%</b>	AA/Black	<b>11.5%</b>	<b>14.4%</b>	<b>-2.9%</b>
Hispanic	<b>4.5%</b>	<b>3.8%</b>	<b>0.7%</b>	Hispanic	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
White	<b>81.3%</b>	<b>81.6%</b>	<b>-0.3%</b>	White	<b>81.3%</b>	<b>66.4%</b>	<b>14.9%</b>
Other	<b>2.8%</b>	<b>8.5%</b>	<b>-5.7%</b>	Other	<b>2.8%</b>	<b>4.6%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	922	<b>16.1%</b>	<b>25.8%</b>	NW	326	<b>19.5%</b>	<b>22.4%</b>
White	4,031	<b>83.9%</b>	<b>74.2%</b>	White	1,256	<b>80.5%</b>	<b>77.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .172 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .551* sig.				Odds ratio Exp(B) <sup>7</sup> : .741 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.0%</b>	<b>3.7%</b>	<b>12.0%</b>	<b>3.4%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>69.9%</b>	<b>9.4%</b>	<b>14.7%</b>	<b>6.0%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>89.0%</b>	<b>4.0%</b>	<b>5.3%</b>	<b>1.7%</b>			
Other	<b>89.9%</b>	<b>8.1%</b>	<b>2.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WHITMAN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>480</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>40.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 419)				ITP Stops <sup>3</sup> (N = 205)			
Mean age				Mean age			
<b>34.57</b>				<b>34.69</b>			
Gender %				Gender %			
Female <b>30.4%</b>				Female <b>28.6%</b>			
Male <b>69.4%</b>				Male <b>70.9%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>15.5%</b>				AA/Black <b>16.4%</b>			
Hispanic <b>6.1%</b>				Hispanic <b>5.5%</b>			
White <b>76.4%</b>				White <b>74.6%</b>			
Other <b>2.0%</b>				Other <b>3.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.5%</b>	<b>1.9%</b>	<b>13.6%</b>	AA/Black	<b>15.5%</b>	<b>14.4%</b>	<b>1.1%</b>
Hispanic	<b>6.1%</b>	<b>2.5%</b>	<b>3.6%</b>	Hispanic	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
White	<b>76.4%</b>	<b>91.7%</b>	<b>-15.3%</b>	White	<b>76.4%</b>	<b>66.4%</b>	<b>10.0%</b>
Other	<b>2.0%</b>	<b>3.5%</b>	<b>-1.5%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	83	<b>21.1%</b>	<b>26.7%</b>	NW	41	<b>18.9%</b>	<b>31.8%</b>
White	275	<b>78.9%</b>	<b>73.3%</b>	White	131	<b>81.1%</b>	<b>68.2%</b>
Chi-square, X-tab <sup>6</sup> : .224 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .053 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .839 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .437 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>11.8%</b>	<b>67.6%</b>	<b>17.6%</b>	<b>2.9%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>48.3%</b>	<b>44.8%</b>	<b>6.9%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>14.4%</b>	<b>61.9%</b>	<b>21.0%</b>	<b>2.8%</b>			
Other	<b>12.5%</b>	<b>62.5%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .091 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WILBRAHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,828</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.4%</b>	Citations per 1000	
	Passing through:	<b>76.6%</b>	18 + residents:	<b>157.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,700)				ITP Stops <sup>3</sup> (N = 670)			
Mean age				Mean age			
<b>37.35</b>				<b>37.65</b>			
Gender %				Gender %			
Female <b>37.1%</b>				Female <b>36.7%</b>			
Male <b>62.9%</b>				Male <b>63.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>11.1%</b>				AA/Black <b>10.6%</b>			
Hispanic <b>7.4%</b>				Hispanic <b>5.6%</b>			
White <b>80.4%</b>				White <b>82.2%</b>			
Other <b>1.1%</b>				Other <b>1.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.1%</b>	<b>3.2%</b>	<b>7.9%</b>	AA/Black	<b>11.1%</b>	<b>14.4%</b>	<b>-3.3%</b>
Hispanic	<b>7.4%</b>	<b>9.7%</b>	<b>-2.3%</b>	Hispanic	<b>7.4%</b>	<b>14.5%</b>	<b>-7.1%</b>
White	<b>80.4%</b>	<b>85.3%</b>	<b>-4.9%</b>	White	<b>80.4%</b>	<b>66.4%</b>	<b>14.0%</b>
Other	<b>1.1%</b>	<b>2.7%</b>	<b>-1.6%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	294	<b>15.8%</b>	<b>27.2%</b>	NW	109	<b>15.3%</b>	<b>23.3%</b>
White	1,186	<b>84.2%</b>	<b>72.8%</b>	White	481	<b>84.7%</b>	<b>76.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .014* sig.			
Odds ratio Exp(B) <sup>7</sup> : .494* sig.				Odds ratio Exp(B) <sup>7</sup> : .535* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.1%</b>	<b>5.3%</b>	<b>22.7%</b>	<b>2.9%</b>	NW	<b>17</b>	<b>N/A</b>
Hispanic	<b>72.0%</b>	<b>3.8%</b>	<b>16.7%</b>	<b>7.6%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>84.4%</b>	<b>4.8%</b>	<b>9.1%</b>	<b>1.7%</b>			
Other	<b>76.2%</b>	<b>9.5%</b>	<b>14.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WILLIAMSBURG POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>491</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.3%</b>	Citations per 1000	
	Passing through:	<b>89.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 485)				ITP Stops <sup>3</sup> (N = 237)			
Mean age				Mean age			
<b>42.38</b>				<b>40.64</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>40.7%</b>			
Male <b>58.7%</b>				Male <b>59.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>5.1%</b>			
AA/Black <b>3.9%</b>				AA/Black <b>2.7%</b>			
Hispanic <b>5.8%</b>				Hispanic <b>4.4%</b>			
White <b>88.7%</b>				White <b>91.6%</b>			
Other <b>1.5%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.9%</b>	<b>14.4%</b>	<b>-10.5%</b>
Hispanic	<b>5.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
White	<b>88.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>88.7%</b>	<b>66.4%</b>	<b>22.3%</b>
Other	<b>1.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.5%</b>	<b>4.6%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	50	<b>8.3%</b>	<b>16.5%</b>	NW	17	<b>6.5%</b>	<b>9.3%</b>
White	398	<b>91.7%</b>	<b>83.5%</b>	White	194	<b>93.5%</b>	<b>90.7%</b>
Chi-square, X-tab <sup>6</sup> :		.009*	sig.	Chi-square, X-tab <sup>6</sup> :		.447	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.255*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.224*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>22.2%</b>	<b>5.6%</b>	<b>5.6%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>59.3%</b>	<b>18.5%</b>	<b>18.5%</b>	<b>3.7%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>76.4%</b>	<b>14.4%</b>	<b>6.5%</b>	<b>2.6%</b>			
Other	<b>85.7%</b>	<b>14.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.456	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WILLIAMSTOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>224</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>22.2%</b>	Citations per 1000				
	Passing through:		<b>77.8%</b>	18 + residents: <b>35.2</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 181)				ITP Stops <sup>3</sup> (N = N/A)				
Mean age				Mean age				
37.93				N/A				
Gender %				Gender %				
Female 40.2%				Female N/A				
Male 59.8%				Male N/A				
Non-binary 0.0%				Non-binary N/A				
Race % Mis/Unk <sup>4</sup> 1.1%				Race % Mis/Unk <sup>4</sup> N/A				
AA/Black 7.8%				AA/Black N/A				
Hispanic 1.7%				Hispanic N/A				
White 88.3%			White N/A					
Other 2.2%			Other N/A					
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	7.8%	5.1%	2.7%		AA/Black	7.8%	14.4%	-6.6%
Hispanic	1.7%	6.1%	-4.4%		Hispanic	1.7%	14.5%	-12.8%
White	88.3%	79.1%	9.2%		White	88.3%	66.4%	21.9%
Other	2.2%	11.6%	-9.4%		Other	2.2%	4.6%	-2.4%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	19	9.6%	17.8%		NW	N/A	N/A	N/A
White	141	90.4%	82.2%		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.149	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.408	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	62.5%	12.5%	25.0%	0.0%	NW	0	N/A	
Hispanic	50.0%	50.0%	0.0%	0.0%	White	2	N/A	
White	65.2%	14.1%	18.7%	2.0%				
Other	75.0%	0.0%	25.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :								
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WILMINGTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,384</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.3%</b>	Citations per 1000	
	Passing through:	<b>70.7%</b>	18 + residents:	<b>183.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,352)				ITP Stops <sup>3</sup> (N = 1,268)			
Mean age				Mean age			
<b>39.62</b>				<b>39.05</b>			
Gender %				Gender %			
Female <b>38.8%</b>				Female <b>35.5%</b>			
Male <b>61.1%</b>				Male <b>64.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>4.7%</b>				AA/Black <b>4.1%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>6.3%</b>			
White <b>82.5%</b>				White <b>84.5%</b>			
Other <b>5.3%</b>				Other <b>5.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.7%</b>	<b>4.1%</b>	<b>0.6%</b>	AA/Black	<b>4.7%</b>	<b>14.4%</b>	<b>-9.7%</b>
Hispanic	<b>7.5%</b>	<b>1.0%</b>	<b>6.5%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>82.5%</b>	<b>87.0%</b>	<b>-4.5%</b>	White	<b>82.5%</b>	<b>66.4%</b>	<b>16.1%</b>
Other	<b>5.3%</b>	<b>7.9%</b>	<b>-2.6%</b>	Other	<b>5.3%</b>	<b>4.6%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	550	<b>15.7%</b>	<b>22.6%</b>	NW	167	<b>15.3%</b>	<b>14.8%</b>
White	2,579	<b>84.3%</b>	<b>77.4%</b>	White	936	<b>84.7%</b>	<b>85.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .805 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .618* sig.				Odds ratio Exp(B) <sup>7</sup> : .638 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.4%</b>	<b>10.0%</b>	<b>7.5%</b>	<b>3.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>73.9%</b>	<b>11.5%</b>	<b>11.9%</b>	<b>2.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>87.0%</b>	<b>9.0%</b>	<b>2.7%</b>	<b>1.2%</b>			
Other	<b>91.0%</b>	<b>7.9%</b>	<b>0.6%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WINCHENDON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>533</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.1%</b>	Citations per 1000	
	Passing through:	<b>59.9%</b>	18 + residents:	<b>63.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 489)				ITP Stops <sup>3</sup> (N = 205)			
Mean age				Mean age			
<b>34.82</b>				<b>35.62</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>37.4%</b>			
Male <b>60.2%</b>				Male <b>62.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.3%</b>				Race % Mis/Unk <sup>4</sup> <b>6.3%</b>			
AA/Black <b>5.7%</b>				AA/Black <b>7.3%</b>			
Hispanic <b>8.1%</b>				Hispanic <b>9.9%</b>			
White <b>85.6%</b>				White <b>82.3%</b>			
Other <b>0.7%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.7%</b>	<b>1.2%</b>	<b>4.5%</b>	AA/Black	<b>5.7%</b>	<b>14.4%</b>	<b>-8.7%</b>
Hispanic	<b>8.1%</b>	<b>3.2%</b>	<b>4.9%</b>	Hispanic	<b>8.1%</b>	<b>14.5%</b>	<b>-6.4%</b>
White	<b>85.6%</b>	<b>90.8%</b>	<b>-5.2%</b>	White	<b>85.6%</b>	<b>66.4%</b>	<b>19.2%</b>
Other	<b>0.7%</b>	<b>5.1%</b>	<b>-4.4%</b>	Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	<b>11.5%</b>	<b>17.0%</b>	NW	29	<b>14.7%</b>	<b>18.8%</b>
White	361	<b>88.5%</b>	<b>83.0%</b>	White	142	<b>85.3%</b>	<b>81.3%</b>
Chi-square, X-tab <sup>6</sup> :		.110	not sig.	Chi-square, X-tab <sup>6</sup> :		.480	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.654	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.569	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>28.6%</b>	<b>17.9%</b>	<b>46.4%</b>	<b>7.1%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>25.6%</b>	<b>10.3%</b>	<b>59.0%</b>	<b>5.1%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>45.9%</b>	<b>20.9%</b>	<b>29.0%</b>	<b>4.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.006*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WINCHESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>207</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>28.1%</b>			Citations per 1000			
	Passing through: <b>71.9%</b>			18 + residents: <b>12.7</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
All Stops <sup>2</sup> (N = 146)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>41.92</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>30.1%</b>				Female <b>N/A</b>			
Male <b>69.9%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>6.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>8.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.7%</b>				Hispanic <b>N/A</b>			
White <b>74.3%</b>				White <b>N/A</b>			
Other <b>14.0%</b>				Other <b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>8.1%</b>	<b>0.3%</b>	<b>7.8%</b>	AA/Black	<b>8.1%</b>	<b>14.4%</b>	<b>-6.3%</b>
Hispanic	<b>3.7%</b>	<b>2.1%</b>	<b>1.6%</b>	Hispanic	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
White	<b>74.3%</b>	<b>79.5%</b>	<b>-5.2%</b>	White	<b>74.3%</b>	<b>66.4%</b>	<b>7.9%</b>
Other	<b>14.0%</b>	<b>17.3%</b>	<b>-3.3%</b>	Other	<b>14.0%</b>	<b>4.6%</b>	<b>9.4%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	31	<b>23.5%</b>	<b>33.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	91	<b>76.5%</b>	<b>66.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.320	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.574	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>25.0%</b>	<b>30.0%</b>	<b>40.0%</b>	<b>5.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>30.0%</b>	<b>0.0%</b>	<b>60.0%</b>	<b>10.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>70.8%</b>	<b>13.1%</b>	<b>11.7%</b>	<b>4.4%</b>			
Other	<b>66.7%</b>	<b>29.2%</b>	<b>4.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000* sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WINTHROP POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>363</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>43.3%</b>	Citations per 1000						
	Passing through:		<b>56.7%</b>	18 + residents: <b>24</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 331)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>34.57</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>23.3%</b>				Female <b>N/A</b>						
Male <b>76.7%</b>				Male <b>N/A</b>						
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>6.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>11.4%</b>				AA/Black <b>N/A</b>						
Hispanic <b>11.0%</b>				Hispanic <b>N/A</b>						
White <b>74.4%</b>			White <b>N/A</b>							
Other <b>3.2%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg %Dif			
AA/Black	<b>11.4%</b>	<b>2.2%</b>	<b>9.2%</b>		AA/Black	<b>11.4%</b>	<b>14.4%</b> <b>-3.0%</b>			
Hispanic	<b>11.0%</b>	<b>9.5%</b>	<b>1.5%</b>		Hispanic	<b>11.0%</b>	<b>14.5%</b> <b>-3.5%</b>			
White	<b>74.4%</b>	<b>86.5%</b>	<b>-12.1%</b>		White	<b>74.4%</b>	<b>66.4%</b> <b>8.0%</b>			
Other	<b>3.2%</b>	<b>3.2%</b>	<b>0.0%</b>		Other	<b>3.2%</b>	<b>4.6%</b> <b>-1.4%</b>			
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	74	<b>16.5%</b>	<b>30.7%</b>		NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	220	<b>83.5%</b>	<b>69.3%</b>		White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :		.006*	sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.379*	sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>55.3%</b>	<b>10.5%</b>	<b>21.1%</b>	<b>13.2%</b>	NW	<b>3</b>	<b>N/A</b>			
Hispanic	<b>47.1%</b>	<b>20.6%</b>	<b>20.6%</b>	<b>11.8%</b>	White	<b>5</b>	<b>N/A</b>			
White	<b>55.7%</b>	<b>20.2%</b>	<b>20.9%</b>	<b>3.2%</b>						
Other	<b>80.0%</b>	<b>10.0%</b>	<b>10.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.109 not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WOBURN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,219</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.9%</b>	Citations per 1000	
	Passing through:	<b>59.1%</b>	18 + residents:	<b>99.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,107)				ITP Stops <sup>3</sup> (N = 1,216)			
Mean age				Mean age			
<b>41.32</b>				<b>40.88</b>			
Gender %				Gender %			
Female <b>42.0%</b>				Female <b>43.1%</b>			
Male <b>57.8%</b>				Male <b>56.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>6.9%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>6.3%</b>			
White <b>79.6%</b>				White <b>80.9%</b>			
Other <b>6.9%</b>				Other <b>7.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>5.9%</b>	<b>1.0%</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b>	<b>-7.5%</b>
Hispanic	<b>6.6%</b>	<b>4.6%</b>	<b>2.0%</b>	Hispanic	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
White	<b>79.6%</b>	<b>77.4%</b>	<b>2.2%</b>	White	<b>79.6%</b>	<b>66.4%</b>	<b>13.2%</b>
Other	<b>6.9%</b>	<b>11.4%</b>	<b>-4.5%</b>	Other	<b>6.9%</b>	<b>4.6%</b>	<b>2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	570	<b>19.5%</b>	<b>27.1%</b>	NW	209	<b>18.7%</b>	<b>21.9%</b>
White	2,184	<b>80.5%</b>	<b>72.9%</b>	White	868	<b>81.3%</b>	<b>78.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .264 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .644* sig.				Odds ratio Exp(B) <sup>7</sup> : .670* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>87.6%</b>	<b>6.9%</b>	<b>4.1%</b>	<b>1.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>75.7%</b>	<b>10.6%</b>	<b>11.9%</b>	<b>1.8%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>91.9%</b>	<b>4.6%</b>	<b>3.0%</b>	<b>0.4%</b>			
Other	<b>95.0%</b>	<b>3.7%</b>	<b>0.9%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WORCESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,419</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>60.0%</b>	Citations per 1000	
	Passing through:	<b>40.0%</b>	18 + residents:	<b>9.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,084)				ITP Stops <sup>3</sup> (N = 373)			
Mean age				Mean age			
<b>35.5</b>				<b>34.41</b>			
Gender %				Gender %			
Female <b>28.5%</b>				Female <b>28.9%</b>			
Male <b>71.3%</b>				Male <b>70.8%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.2%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>17.1%</b>				AA/Black <b>18.4%</b>			
Hispanic <b>28.9%</b>				Hispanic <b>29.3%</b>			
White <b>51.2%</b>				White <b>48.7%</b>			
Other <b>2.8%</b>				Other <b>3.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.1%</b>	<b>13.3%</b>	<b>3.8%</b>	AA/Black	<b>17.1%</b>	<b>14.4%</b>	<b>2.7%</b>
Hispanic	<b>28.9%</b>	<b>21.9%</b>	<b>7.0%</b>	Hispanic	<b>28.9%</b>	<b>14.5%</b>	<b>14.4%</b>
White	<b>51.2%</b>	<b>55.2%</b>	<b>-4.0%</b>	White	<b>51.2%</b>	<b>66.4%</b>	<b>-15.2%</b>
Other	<b>2.8%</b>	<b>12.1%</b>	<b>-9.3%</b>	Other	<b>2.8%</b>	<b>4.6%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	435	<b>48.5%</b>	<b>52.8%</b>	NW	160	<b>51.2%</b>	<b>42.7%</b>
White	446	<b>51.5%</b>	<b>47.2%</b>	White	165	<b>48.8%</b>	<b>57.3%</b>
Chi-square, X-tab <sup>6</sup> :		.306	not sig.	Chi-square, X-tab <sup>6</sup> :		.195	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.853	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.664	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>39.4%</b>	<b>26.1%</b>	<b>21.1%</b>	<b>13.3%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>27.0%</b>	<b>34.9%</b>	<b>17.2%</b>	<b>21.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>48.5%</b>	<b>27.0%</b>	<b>16.7%</b>	<b>7.8%</b>			
Other	<b>52.8%</b>	<b>30.6%</b>	<b>13.9%</b>	<b>2.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WRENTHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,189</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.1%</b>	Citations per 1000	
	Passing through:	<b>82.9%</b>	18 + residents:	<b>239.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,139)				ITP Stops <sup>3</sup> (N = 869)			
Mean age				Mean age			
<b>38.78</b>				<b>38.48</b>			
Gender %				Gender %			
Female <b>43.4%</b>				Female <b>43.2%</b>			
Male <b>56.6%</b>				Male <b>56.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>19.2%</b>				Race % Mis/Unk <sup>4</sup> <b>18.9%</b>			
AA/Black <b>10.3%</b>				AA/Black <b>10.9%</b>			
Hispanic <b>5.4%</b>				Hispanic <b>6.5%</b>			
White <b>82.1%</b>				White <b>81.1%</b>			
Other <b>2.1%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.3%</b>	<b>2.9%</b>	<b>7.4%</b>	AA/Black	<b>10.3%</b>	<b>14.4%</b>	<b>-4.1%</b>
Hispanic	<b>5.4%</b>	<b>2.9%</b>	<b>2.5%</b>	Hispanic	<b>5.4%</b>	<b>14.5%</b>	<b>-9.1%</b>
White	<b>82.1%</b>	<b>92.7%</b>	<b>-10.6%</b>	White	<b>82.1%</b>	<b>66.4%</b>	<b>15.7%</b>
Other	<b>2.1%</b>	<b>1.5%</b>	<b>0.6%</b>	Other	<b>2.1%</b>	<b>4.6%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	299	<b>17.0%</b>	<b>22.3%</b>	NW	125	<b>20.5%</b>	<b>14.8%</b>
White	1,348	<b>83.0%</b>	<b>77.7%</b>	White	516	<b>79.5%</b>	<b>85.2%</b>
Chi-square, X-tab <sup>6</sup> : .020* sig.				Chi-square, X-tab <sup>6</sup> : .159 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .649* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.137 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.0%</b>	<b>12.2%</b>	<b>13.3%</b>	<b>0.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>53.9%</b>	<b>25.5%</b>	<b>19.6%</b>	<b>1.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>83.8%</b>	<b>10.9%</b>	<b>4.3%</b>	<b>1.0%</b>			
Other	<b>81.1%</b>	<b>18.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### YARMOUTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,823</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.0%</b>	Citations per 1000	
	Passing through:	<b>64.0%</b>	18 + residents:	<b>91.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,723)				ITP Stops <sup>3</sup> (N = 694)			
Mean age				Mean age			
<b>40.3</b>				<b>37.68</b>			
Gender %				Gender %			
Female <b>38.7%</b>				Female <b>38.0%</b>			
Male <b>61.2%</b>				Male <b>62.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>12.8%</b>				AA/Black <b>14.9%</b>			
Hispanic <b>3.0%</b>				Hispanic <b>3.7%</b>			
White <b>83.4%</b>				White <b>80.6%</b>			
Other <b>0.8%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.8%</b>	<b>2.4%</b>	<b>10.4%</b>	AA/Black	<b>12.8%</b>	<b>14.4%</b>	<b>-1.6%</b>
Hispanic	<b>3.0%</b>	<b>2.7%</b>	<b>0.3%</b>	Hispanic	<b>3.0%</b>	<b>14.5%</b>	<b>-11.5%</b>
White	<b>83.4%</b>	<b>89.2%</b>	<b>-5.8%</b>	White	<b>83.4%</b>	<b>66.4%</b>	<b>17.0%</b>
Other	<b>0.8%</b>	<b>5.5%</b>	<b>-4.7%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	270	<b>14.8%</b>	<b>20.2%</b>	NW	124	<b>20.1%</b>	<b>18.8%</b>
White	1,352	<b>85.2%</b>	<b>79.8%</b>	White	511	<b>79.9%</b>	<b>81.2%</b>
Chi-square, X-tab <sup>6</sup> : .006* sig.				Chi-square, X-tab <sup>6</sup> : .693 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .717* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.155 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>71.5%</b>	<b>12.8%</b>	<b>10.2%</b>	<b>5.5%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>41.4%</b>	<b>13.8%</b>	<b>37.9%</b>	<b>6.9%</b>	White	<b>15</b>	<b>N/A</b>
White	<b>77.9%</b>	<b>5.2%</b>	<b>12.7%</b>	<b>4.2%</b>			
Other	<b>85.7%</b>	<b>7.1%</b>	<b>7.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 BOSTON POLICE DEPARTMENT**

### **2021 Boston Police Department Districts<sup>37</sup>**

**District A-1:** Downtown Boston and Charlestown

**District A-7:** East Boston

**District B-2:** Roxbury

**District B-3:** Mattapan

**District C-6:** South Boston

**District C-11:** Dorchester

**District D-4:** South End

**District D-14:** Brighton

**District E-5:** West Roxbury

**District E-13:** Jamaica Plain

**District E-18:** Hyde Park

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<sup>37</sup>The Boston Police Department (BPD) district information obtained from the Boston Police Department official website at: <https://www.boston.gov/departments/police#districts>. Rates for BPD districts are based on total City of Boston population as individual district populations were not available.

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT A-1

Total Citations <sup>1</sup> : <b>563</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.3%</b>	Citations per 1000	
	Passing through:	<b>88.7%</b>	18 + residents:	<b>1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 523)				ITP Stops <sup>3</sup> (N = 121)			
Mean age				Mean age			
<b>38.88</b>				<b>33.86</b>			
Gender %				Gender %			
Female <b>30.0%</b>				Female <b>23.5%</b>			
Male <b>69.8%</b>				Male <b>75.6%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.8%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.3%</b>				Race % Mis/Unk <sup>4</sup> <b>6.6%</b>			
AA/Black <b>27.6%</b>				AA/Black <b>31.9%</b>			
Hispanic <b>13.2%</b>				Hispanic <b>20.4%</b>			
White <b>41.2%</b>				White <b>36.3%</b>			
Other <b>17.9%</b>				Other <b>11.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>27.6%</b>	<b>25.2%</b>	<b>2.4%</b>	AA/Black	<b>27.6%</b>	<b>14.4%</b>	<b>13.2%</b>
Hispanic	<b>13.2%</b>	<b>19.8%</b>	<b>-6.6%</b>	Hispanic	<b>13.2%</b>	<b>14.5%</b>	<b>-1.3%</b>
White	<b>41.2%</b>	<b>44.5%</b>	<b>-3.3%</b>	White	<b>41.2%</b>	<b>66.4%</b>	<b>-25.2%</b>
Other	<b>17.9%</b>	<b>15.4%</b>	<b>2.5%</b>	Other	<b>17.9%</b>	<b>4.6%</b>	<b>13.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	272	<b>58.0%</b>	<b>60.2%</b>	NW	68	<b>62.9%</b>	<b>64.4%</b>
White	192	<b>42.0%</b>	<b>39.8%</b>	White	39	<b>37.1%</b>	<b>35.6%</b>
Chi-square, X-tab <sup>6</sup> :		.678	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.870	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.996	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.262	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.9%</b>	<b>39.3%</b>	<b>6.4%</b>	<b>1.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>54.8%</b>	<b>32.9%</b>	<b>11.0%</b>	<b>1.4%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>50.0%</b>	<b>47.3%</b>	<b>2.7%</b>	<b>0.0%</b>			
Other	<b>26.4%</b>	<b>73.6%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT A-7

Total Citations <sup>1</sup> : <b>439</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.1%</b>	Citations per 1000	
	Passing through:	<b>58.9%</b>	18 + residents:	<b>0.08</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 383)				ITP Stops <sup>3</sup> (N = 129)			
Mean age				Mean age			
<b>41.3</b>				<b>38.96</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>27.1%</b>			
Male <b>72.2%</b>				Male <b>72.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>9.7%</b>				Race % Mis/Unk <sup>4</sup> <b>7.8%</b>			
AA/Black <b>14.7%</b>				AA/Black <b>18.5%</b>			
Hispanic <b>39.3%</b>				Hispanic <b>39.5%</b>			
White <b>40.5%</b>				White <b>38.7%</b>			
Other <b>5.5%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.7%</b>	<b>25.2%</b>	<b>-10.5%</b>	AA/Black	<b>14.7%</b>	<b>14.4%</b>	<b>0.3%</b>
Hispanic	<b>39.3%</b>	<b>19.8%</b>	<b>19.5%</b>	Hispanic	<b>39.3%</b>	<b>14.5%</b>	<b>24.8%</b>
White	<b>40.5%</b>	<b>44.5%</b>	<b>-4.0%</b>	White	<b>40.5%</b>	<b>66.4%</b>	<b>-25.9%</b>
Other	<b>5.5%</b>	<b>15.4%</b>	<b>-9.9%</b>	Other	<b>5.5%</b>	<b>4.6%</b>	<b>0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	193	<b>53.3%</b>	<b>69.2%</b>	NW	66	<b>57.1%</b>	<b>62.7%</b>
White	134	<b>46.7%</b>	<b>30.8%</b>	White	43	<b>42.9%</b>	<b>37.3%</b>
Chi-square, X-tab <sup>6</sup> :		.005*	sig.	Chi-square, X-tab <sup>6</sup> :		.564	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.458*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.011	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>11.1%</b>	<b>11.1%</b>	<b>0.0%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>55.9%</b>	<b>20.5%</b>	<b>18.6%</b>	<b>5.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>77.4%</b>	<b>7.3%</b>	<b>12.8%</b>	<b>2.4%</b>			
Other	<b>94.7%</b>	<b>5.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT B-2

Total Citations <sup>1</sup> : <b>2,023</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.5%</b>	Citations per 1000	
	Passing through:	<b>83.5%</b>	18 + residents:	<b>3.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,925)				ITP Stops <sup>3</sup> (N = 548)			
Mean age				Mean age			
<b>36.77</b>				<b>37.36</b>			
Gender %				Gender %			
Female <b>34.7%</b>				Female <b>37.2%</b>			
Male <b>65.2%</b>				Male <b>62.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.9%</b>				Race % Mis/Unk <sup>4</sup> <b>6.4%</b>			
AA/Black <b>53.8%</b>				AA/Black <b>58.9%</b>			
Hispanic <b>27.6%</b>				Hispanic <b>19.5%</b>			
White <b>15.2%</b>				White <b>16.6%</b>			
Other <b>3.5%</b>				Other <b>5.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>53.8%</b>	<b>25.2%</b>	<b>28.6%</b>	AA/Black	<b>53.8%</b>	<b>14.4%</b>	<b>39.4%</b>
Hispanic	<b>27.6%</b>	<b>19.8%</b>	<b>7.8%</b>	Hispanic	<b>27.6%</b>	<b>14.5%</b>	<b>13.1%</b>
White	<b>15.2%</b>	<b>44.5%</b>	<b>-29.3%</b>	White	<b>15.2%</b>	<b>66.4%</b>	<b>-51.2%</b>
Other	<b>3.5%</b>	<b>15.4%</b>	<b>-11.9%</b>	Other	<b>3.5%</b>	<b>4.6%</b>	<b>-1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,420	<b>85.1%</b>	<b>84.6%</b>	NW	376	<b>85.5%</b>	<b>80.9%</b>
White	253	<b>14.9%</b>	<b>15.4%</b>	White	73	<b>14.5%</b>	<b>19.1%</b>
Chi-square, X-tab <sup>6</sup> :		.761	not sig.	Chi-square, X-tab <sup>6</sup> :		.200	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.084	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.262	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>84.2%</b>	<b>11.9%</b>	<b>2.5%</b>	<b>1.4%</b>	NW	<b>47</b>	<b>N/A</b>
Hispanic	<b>65.0%</b>	<b>32.2%</b>	<b>2.8%</b>	<b>0.0%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>78.3%</b>	<b>16.6%</b>	<b>4.8%</b>	<b>0.3%</b>			
Other	<b>86.6%</b>	<b>11.9%</b>	<b>1.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT B-3

Total Citations <sup>1</sup> : <b>1,448</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.6%</b>	Citations per 1000	
	Passing through:	<b>86.4%</b>	18 + residents:	<b>2.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,317)				ITP Stops <sup>3</sup> (N = 424)			
Mean age				Mean age			
<b>34.37</b>				<b>35.56</b>			
Gender %				Gender %			
Female <b>31.4%</b>				Female <b>29.0%</b>			
Male <b>68.5%</b>				Male <b>71.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.2%</b>				Race % Mis/Unk <sup>4</sup> <b>9.4%</b>			
AA/Black <b>68.8%</b>				AA/Black <b>70.8%</b>			
Hispanic <b>18.6%</b>				Hispanic <b>15.6%</b>			
White <b>11.5%</b>				White <b>12.5%</b>			
Other <b>1.1%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>68.8%</b>	<b>25.2%</b>	<b>43.6%</b>	AA/Black	<b>68.8%</b>	<b>14.4%</b>	<b>54.4%</b>
Hispanic	<b>18.6%</b>	<b>19.8%</b>	<b>-1.2%</b>	Hispanic	<b>18.6%</b>	<b>14.5%</b>	<b>4.1%</b>
White	<b>11.5%</b>	<b>44.5%</b>	<b>-33.0%</b>	White	<b>11.5%</b>	<b>66.4%</b>	<b>-54.9%</b>
Other	<b>1.1%</b>	<b>15.4%</b>	<b>-14.3%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,015	<b>87.7%</b>	<b>89.4%</b>	NW	297	<b>87.2%</b>	<b>86.0%</b>
White	133	<b>12.3%</b>	<b>10.6%</b>	White	46	<b>12.8%</b>	<b>14.0%</b>
Chi-square, X-tab <sup>6</sup> : .383 not sig.				Chi-square, X-tab <sup>6</sup> : .735 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .794 not sig.				Odds ratio Exp(B) <sup>7</sup> : .788 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.2%</b>	<b>16.2%</b>	<b>11.5%</b>	<b>4.1%</b>	NW	<b>26</b>	<b>N/A</b>
Hispanic	<b>67.7%</b>	<b>19.8%</b>	<b>8.1%</b>	<b>4.4%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>81.3%</b>	<b>8.7%</b>	<b>8.7%</b>	<b>1.3%</b>			
Other	<b>62.5%</b>	<b>25.0%</b>	<b>6.3%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .041* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT C-6

Total Citations <sup>1</sup> : <b>4,942</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.1%</b>	Citations per 1000	
	Passing through:	<b>78.9%</b>	18 + residents:	<b>8.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,912)				ITP Stops <sup>3</sup> (N = 1,705)			
Mean age				Mean age			
<b>39.34</b>				<b>37.65</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>33.5%</b>			
Male <b>63.5%</b>				Male <b>66.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.6%</b>				Race % Mis/Unk <sup>4</sup> <b>8.8%</b>			
AA/Black <b>21.7%</b>				AA/Black <b>22.6%</b>			
Hispanic <b>10.9%</b>				Hispanic <b>8.9%</b>			
White <b>61.6%</b>				White <b>62.3%</b>			
Other <b>5.7%</b>				Other <b>6.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>21.7%</b>	<b>25.2%</b>	<b>-3.5%</b>	AA/Black	<b>21.7%</b>	<b>14.4%</b>	<b>7.3%</b>
Hispanic	<b>10.9%</b>	<b>19.8%</b>	<b>-8.9%</b>	Hispanic	<b>10.9%</b>	<b>14.5%</b>	<b>-3.6%</b>
White	<b>61.6%</b>	<b>44.5%</b>	<b>17.1%</b>	White	<b>61.6%</b>	<b>66.4%</b>	<b>-4.8%</b>
Other	<b>5.7%</b>	<b>15.4%</b>	<b>-9.7%</b>	Other	<b>5.7%</b>	<b>4.6%</b>	<b>1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,567	<b>33.4%</b>	<b>51.5%</b>	NW	515	<b>32.8%</b>	<b>44.9%</b>
White	2,511	<b>66.6%</b>	<b>48.5%</b>	White	852	<b>67.2%</b>	<b>55.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .479* sig.				Odds ratio Exp(B) <sup>7</sup> : .568* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>95.9%</b>	<b>3.5%</b>	<b>0.5%</b>	<b>0.1%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>88.7%</b>	<b>9.7%</b>	<b>0.6%</b>	<b>1.0%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>96.8%</b>	<b>3.1%</b>	<b>0.1%</b>	<b>0.0%</b>			
Other	<b>96.1%</b>	<b>3.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT C-11

Total Citations <sup>1</sup> : <b>3,219</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>43.2%</b>	Citations per 1000	
	Passing through:	<b>56.8%</b>	18 + residents:	<b>5.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,989)				ITP Stops <sup>3</sup> (N = 996)			
Mean age				Mean age			
<b>39.87</b>				<b>39.39</b>			
Gender %				Gender %			
Female <b>37.7%</b>				Female <b>39.4%</b>			
Male <b>62.3%</b>				Male <b>60.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>55.8%</b>				AA/Black <b>61.5%</b>			
Hispanic <b>14.5%</b>				Hispanic <b>9.8%</b>			
White <b>22.6%</b>				White <b>24.4%</b>			
Other <b>7.1%</b>				Other <b>4.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>55.8%</b>	<b>25.2%</b>	<b>30.6%</b>	AA/Black	<b>55.8%</b>	<b>14.4%</b>	<b>41.4%</b>
Hispanic	<b>14.5%</b>	<b>19.8%</b>	<b>-5.3%</b>	Hispanic	<b>14.5%</b>	<b>14.5%</b>	<b>0.0%</b>
White	<b>22.6%</b>	<b>44.5%</b>	<b>-21.9%</b>	White	<b>22.6%</b>	<b>66.4%</b>	<b>-43.8%</b>
Other	<b>7.1%</b>	<b>15.4%</b>	<b>-8.3%</b>	Other	<b>7.1%</b>	<b>4.6%</b>	<b>2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,065	<b>76.3%</b>	<b>81.1%</b>	NW	654	<b>76.8%</b>	<b>75.7%</b>
White	590	<b>23.7%</b>	<b>18.9%</b>	White	201	<b>23.2%</b>	<b>24.3%</b>
Chi-square, X-tab <sup>6</sup> :		.006*	sig.	Chi-square, X-tab <sup>6</sup> :		.722	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.720*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.967	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.1%</b>	<b>10.1%</b>	<b>8.0%</b>	<b>0.8%</b>	NW	<b>24</b>	<b>N/A</b>
Hispanic	<b>81.3%</b>	<b>10.7%</b>	<b>7.8%</b>	<b>0.2%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>85.1%</b>	<b>8.1%</b>	<b>6.2%</b>	<b>0.6%</b>			
Other	<b>88.1%</b>	<b>8.7%</b>	<b>3.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.071	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT D-4

Total Citations <sup>1</sup> : <b>3,125</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.1%</b>	Citations per 1000	
	Passing through:	<b>89.9%</b>	18 + residents:	<b>5.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,945)				ITP Stops <sup>3</sup> (N = 1,019)			
Mean age				Mean age			
<b>38.05</b>				<b>37.57</b>			
Gender %				Gender %			
Female <b>29.7%</b>				Female <b>30.6%</b>			
Male <b>70.1%</b>				Male <b>69.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.9%</b>				Race % Mis/Unk <sup>4</sup> <b>10.7%</b>			
AA/Black <b>33.8%</b>				AA/Black <b>31.1%</b>			
Hispanic <b>14.2%</b>				Hispanic <b>14.4%</b>			
White <b>43.7%</b>				White <b>44.5%</b>			
Other <b>8.3%</b>				Other <b>10.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>33.8%</b>	<b>25.2%</b>	<b>8.6%</b>	AA/Black	<b>33.8%</b>	<b>14.4%</b>	<b>19.4%</b>
Hispanic	<b>14.2%</b>	<b>19.8%</b>	<b>-5.6%</b>	Hispanic	<b>14.2%</b>	<b>14.5%</b>	<b>-0.3%</b>
White	<b>43.7%</b>	<b>44.5%</b>	<b>-0.8%</b>	White	<b>43.7%</b>	<b>66.4%</b>	<b>-22.7%</b>
Other	<b>8.3%</b>	<b>15.4%</b>	<b>-7.1%</b>	Other	<b>8.3%</b>	<b>4.6%</b>	<b>3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,375	<b>52.5%</b>	<b>62.5%</b>	NW	470	<b>54.4%</b>	<b>59.8%</b>
White	1,049	<b>47.5%</b>	<b>37.5%</b>	White	356	<b>45.6%</b>	<b>40.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .119 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .631* sig.				Odds ratio Exp(B) <sup>7</sup> : .726 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>87.8%</b>	<b>9.7%</b>	<b>2.2%</b>	<b>0.2%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>81.6%</b>	<b>15.2%</b>	<b>3.3%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>82.2%</b>	<b>15.4%</b>	<b>2.5%</b>	<b>0.0%</b>			
Other	<b>90.4%</b>	<b>9.1%</b>	<b>0.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BOSTON POLICE DEPARTMENT DISTRICT D-14

Total Citations <sup>1</sup> : <b>339</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>15.0%</b>			Citations per 1000			
	Passing through: <b>85.0%</b>			18 + residents: <b>0.6</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
All Stops <sup>2</sup> (N = 315)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>39.71</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>37.7%</b>				Female <b>N/A</b>			
Male <b>62.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>11.4%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>17.9%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.7%</b>				Hispanic <b>N/A</b>			
White <b>66.3%</b>				White <b>N/A</b>			
Other <b>11.1%</b>				Other <b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>17.9%</b>	<b>25.2%</b>	<b>-7.3%</b>	AA/Black	<b>17.9%</b>	<b>14.4%</b>	<b>3.5%</b>
Hispanic	<b>4.7%</b>	<b>19.8%</b>	<b>-15.1%</b>	Hispanic	<b>4.7%</b>	<b>14.5%</b>	<b>-9.8%</b>
White	<b>66.3%</b>	<b>44.5%</b>	<b>21.8%</b>	White	<b>66.3%</b>	<b>66.4%</b>	<b>-0.1%</b>
Other	<b>11.1%</b>	<b>15.4%</b>	<b>-4.3%</b>	Other	<b>11.1%</b>	<b>4.6%</b>	<b>6.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	89	<b>31.8%</b>	<b>51.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	169	<b>68.2%</b>	<b>48.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.023*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.488	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.1%</b>	<b>17.0%</b>	<b>0.0%</b>	<b>1.9%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>52.9%</b>	<b>41.2%</b>	<b>5.9%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>94.8%</b>	<b>3.6%</b>	<b>1.6%</b>	<b>0.0%</b>			
Other	<b>90.9%</b>	<b>9.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000* sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT E-5

Total Citations <sup>1</sup> : <b>5,369</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.3%</b>	Citations per 1000	
	Passing through:	<b>77.7%</b>	18 + residents:	<b>9.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,303)				ITP Stops <sup>3</sup> (N = 1,846)			
Mean age				Mean age			
<b>45.15</b>				<b>43.79</b>			
Gender %				Gender %			
Female <b>46.2%</b>				Female <b>48.4%</b>			
Male <b>53.7%</b>				Male <b>51.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.5%</b>				Race % Mis/Unk <sup>4</sup> <b>4.5%</b>			
AA/Black <b>24.9%</b>				AA/Black <b>27.2%</b>			
Hispanic <b>15.5%</b>				Hispanic <b>15.4%</b>			
White <b>55.4%</b>				White <b>52.6%</b>			
Other <b>4.3%</b>				Other <b>4.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>24.9%</b>	<b>25.2%</b>	<b>-0.3%</b>	AA/Black	<b>24.9%</b>	<b>14.4%</b>	<b>10.5%</b>
Hispanic	<b>15.5%</b>	<b>19.8%</b>	<b>-4.3%</b>	Hispanic	<b>15.5%</b>	<b>14.5%</b>	<b>1.0%</b>
White	<b>55.4%</b>	<b>44.5%</b>	<b>10.9%</b>	White	<b>55.4%</b>	<b>66.4%</b>	<b>-11.0%</b>
Other	<b>4.3%</b>	<b>15.4%</b>	<b>-11.1%</b>	Other	<b>4.3%</b>	<b>4.6%</b>	<b>-0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,129	<b>42.8%</b>	<b>53.7%</b>	NW	764	<b>45.9%</b>	<b>52.9%</b>
White	2,668	<b>57.2%</b>	<b>46.3%</b>	White	848	<b>54.1%</b>	<b>47.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .021* sig.			
Odds ratio Exp(B) <sup>7</sup> : .663 sig.				Odds ratio Exp(B) <sup>7</sup> : .734* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>92.2%</b>	<b>4.9%</b>	<b>2.7%</b>	<b>0.2%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>89.0%</b>	<b>8.5%</b>	<b>2.4%</b>	<b>0.1%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>95.5%</b>	<b>3.7%</b>	<b>0.7%</b>	<b>0.1%</b>			
Other	<b>94.5%</b>	<b>5.5%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT E-13

Total Citations <sup>1</sup> : <b>1,349</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.6%</b>	Citations per 1000	
	Passing through:	<b>86.4%</b>	18 + residents:	<b>2.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,304)				ITP Stops <sup>3</sup> (N = 926)			
Mean age				Mean age			
<b>35.66</b>				<b>35.33</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>36.9%</b>			
Male <b>63.3%</b>				Male <b>63.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>45.6%</b>				AA/Black <b>45.3%</b>			
Hispanic <b>26.5%</b>				Hispanic <b>26.1%</b>			
White <b>23.0%</b>				White <b>22.9%</b>			
Other <b>4.9%</b>				Other <b>5.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>45.6%</b>	<b>25.2%</b>	<b>20.4%</b>	AA/Black	<b>45.6%</b>	<b>14.4%</b>	<b>31.2%</b>
Hispanic	<b>26.5%</b>	<b>19.8%</b>	<b>6.7%</b>	Hispanic	<b>26.5%</b>	<b>14.5%</b>	<b>12.0%</b>
White	<b>23.0%</b>	<b>44.5%</b>	<b>-21.5%</b>	White	<b>23.0%</b>	<b>66.4%</b>	<b>-43.4%</b>
Other	<b>4.9%</b>	<b>15.4%</b>	<b>-10.5%</b>	Other	<b>4.9%</b>	<b>4.6%</b>	<b>0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	899	<b>75.7%</b>	<b>81.3%</b>	NW	647	<b>75.9%</b>	<b>80.3%</b>
White	260	<b>24.3%</b>	<b>18.7%</b>	White	188	<b>24.1%</b>	<b>19.7%</b>
Chi-square, X-tab <sup>6</sup> :		.033*	sig.	Chi-square, X-tab <sup>6</sup> :		.146	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.708	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.836	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.5%</b>	<b>7.8%</b>	<b>5.0%</b>	<b>0.7%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>85.1%</b>	<b>7.3%</b>	<b>7.6%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>91.8%</b>	<b>5.3%</b>	<b>3.0%</b>	<b>0.0%</b>			
Other	<b>98.4%</b>	<b>0.0%</b>	<b>1.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.010*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT E-18

Total Citations <sup>1</sup> : <b>4,381</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.6%</b>	Citations per 1000	
	Passing through:	<b>67.4%</b>	18 + residents:	<b>7.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,259)				ITP Stops <sup>3</sup> (N = 2,527)			
Mean age				Mean age			
<b>38.47</b>				<b>37.69</b>			
Gender %				Gender %			
Female <b>38.7%</b>				Female <b>38.2%</b>			
Male <b>61.1%</b>				Male <b>61.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>56.5%</b>				AA/Black <b>55.6%</b>			
Hispanic <b>22.4%</b>				Hispanic <b>25.1%</b>			
White <b>19.3%</b>				White <b>17.6%</b>			
Other <b>1.8%</b>				Other <b>1.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>56.5%</b>	<b>25.2%</b>	<b>31.3%</b>	AA/Black	<b>56.5%</b>	<b>14.4%</b>	<b>42.1%</b>
Hispanic	<b>22.4%</b>	<b>19.8%</b>	<b>2.6%</b>	Hispanic	<b>22.4%</b>	<b>14.5%</b>	<b>7.9%</b>
White	<b>19.3%</b>	<b>44.5%</b>	<b>-25.2%</b>	White	<b>19.3%</b>	<b>66.4%</b>	<b>-47.1%</b>
Other	<b>1.8%</b>	<b>15.4%</b>	<b>-13.6%</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,013	<b>80.2%</b>	<b>81.6%</b>	NW	1,865	<b>83.3%</b>	<b>80.2%</b>
White	725	<b>19.8%</b>	<b>18.4%</b>	White	396	<b>16.7%</b>	<b>19.8%</b>
Chi-square, X-tab <sup>6</sup> : .330 not sig.				Chi-square, X-tab <sup>6</sup> : .092 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .882 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.064 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>90.2%</b>	<b>5.5%</b>	<b>3.9%</b>	<b>0.4%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>86.6%</b>	<b>8.2%</b>	<b>4.4%</b>	<b>0.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>91.9%</b>	<b>3.9%</b>	<b>3.7%</b>	<b>0.5%</b>			
Other	<b>98.6%</b>	<b>1.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .002* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT SPECIAL OPERATIONS UNIT

Total Citations <sup>1</sup> : <b>4,324</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>7.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,286)				ITP Stops <sup>3</sup> (N = 208)			
Mean age				Mean age			
<b>42.26</b>				<b>39.19</b>			
Gender %				Gender %			
Female <b>37.9%</b>				Female <b>30.7%</b>			
Male <b>61.9%</b>				Male <b>69.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.1%</b>				Race % Mis/Unk <sup>4</sup> <b>19.7%</b>			
AA/Black <b>32.5%</b>				AA/Black <b>41.9%</b>			
Hispanic <b>15.2%</b>				Hispanic <b>14.4%</b>			
White <b>42.0%</b>				White <b>35.9%</b>			
Other <b>10.3%</b>				Other <b>7.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>32.5%</b>	<b>25.2%</b>	<b>7.3%</b>	AA/Black	<b>32.5%</b>	<b>14.4%</b>	<b>18.1%</b>
Hispanic	<b>15.2%</b>	<b>19.8%</b>	<b>-4.6%</b>	Hispanic	<b>15.2%</b>	<b>14.5%</b>	<b>0.7%</b>
White	<b>42.0%</b>	<b>44.5%</b>	<b>-2.5%</b>	White	<b>42.0%</b>	<b>66.4%</b>	<b>-24.4%</b>
Other	<b>10.3%</b>	<b>15.4%</b>	<b>-5.1%</b>	Other	<b>10.3%</b>	<b>4.6%</b>	<b>5.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,184	<b>58.0%</b>	<b>60.4%</b>	NW	99	<b>72.9%</b>	<b>56.9%</b>
White	1,576	<b>42.0%</b>	<b>39.6%</b>	White	51	<b>27.1%</b>	<b>43.1%</b>
Chi-square, X-tab <sup>6</sup> : .498 not sig.				Chi-square, X-tab <sup>6</sup> : .040* sig.			
Odds ratio Exp(B) <sup>7</sup> : .921 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.470 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.6%</b>	<b>21.4%</b>	<b>2.6%</b>	<b>0.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>74.6%</b>	<b>24.4%</b>	<b>1.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>77.5%</b>	<b>21.8%</b>	<b>0.7%</b>	<b>0.1%</b>			
Other	<b>75.6%</b>	<b>24.2%</b>	<b>0.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ALL BOSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>31,987</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.4%</b>	Citations per 1000	
	Passing through:	<b>76.6%</b>	18 + residents:	<b>54.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 31,987)				ITP Stops <sup>3</sup> (N = 10,881)			
Mean age				Mean age			
<b>40.08</b>				<b>38.61</b>			
Gender %				Gender %			
Female <b>37.5%</b>				Female <b>37.7%</b>			
Male <b>62.4%</b>				Male <b>62.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.3%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>38.8%</b>				AA/Black <b>42.4%</b>			
Hispanic <b>16.8%</b>				Hispanic <b>17.6%</b>			
White <b>38.6%</b>				White <b>35.2%</b>			
Other <b>5.8%</b>				Other <b>4.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>38.8%</b>	<b>25.2%</b>	<b>13.6%</b>	AA/Black	<b>38.8%</b>	<b>14.4%</b>	<b>24.4%</b>
Hispanic	<b>16.8%</b>	<b>19.8%</b>	<b>-3.0%</b>	Hispanic	<b>16.8%</b>	<b>14.5%</b>	<b>2.3%</b>
White	<b>38.6%</b>	<b>44.5%</b>	<b>-5.9%</b>	White	<b>38.6%</b>	<b>66.4%</b>	<b>-27.8%</b>
Other	<b>5.8%</b>	<b>15.4%</b>	<b>-9.6%</b>	Other	<b>5.8%</b>	<b>4.6%</b>	<b>1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16,227	<b>58.1%</b>	<b>70.3%</b>	NW	5,851	<b>64.4%</b>	<b>66.6%</b>
White	10,260	<b>41.9%</b>	<b>29.7%</b>	White	3,132	<b>35.6%</b>	<b>33.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .042* sig.			
Odds ratio Exp(B) <sup>7</sup> : .589* sig.				Odds ratio Exp(B) <sup>7</sup> : .809* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.8%</b>	<b>10.0%</b>	<b>6.5%</b>	<b>0.8%</b>	NW	<b>148</b>	<b>76.7%</b>
Hispanic	<b>80.1%</b>	<b>14.9%</b>	<b>4.3%</b>	<b>0.7%</b>	White	<b>45</b>	<b>23.3%</b>
White	<b>88.1%</b>	<b>9.0%</b>	<b>2.8%</b>	<b>0.2%</b>			
Other	<b>84.5%</b>	<b>14.2%</b>	<b>1.2%</b>	<b>0.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS STATE POLICE**

### **2021 Massachusetts State Police Troop Boundaries<sup>38</sup>**

**State Police Troop A-1:** Andover, Dracut, Dunstable, Lawrence, Lowell, Methuen, North Andover, North Reading, Reading, Tewksbury, Tyngsborough, and Wilmington

**State Police Troop A-2:** Amesbury, Boxford, Georgetown, Groveland, Hamilton, Haverhill, Ipswich, Merrimac, Newbury, Newburyport, Rowley, Salisbury, Topsfield, and West Newbury

**State Police Troop A-3:** Acton, Bedford, Billerica, Boxborough, Carlisle, Chelmsford, Concord, Lexington, Lincoln, Littleton, Maynard, Stow, and Westford

**State Police Troop A-4:** Arlington, Burlington, Everett, Malden, Medford, Melrose, Somerville, Stoneham, Winchester, and Woburn

**State Police Troop A-5:** Chelsea, East Boston, Lynn, Revere and Winthrop

**State Police Troop A-6:** Beverly, Danvers, Essex, Gloucester, Lynnfield, Manchester, Marblehead, Middleton, Peabody, Rockport, Salem, Saugus, Swampscott, Wakefield, and Wenham

**State Police Troop B-1:** Alford, Lee, New Marlborough, Sheffield, Becket, Lenox, Otis, Stockbridge, Egremont, Monterey, Richmond, Tyringham, Great Barrington, Mount Washington, Sandisfield, and West Stockbridge

**State Police Troop B-2:** Ashfield, Bernardston, Buckland, Charlemont, Colrain, Conway, Deerfield, Gill, Greenfield, Hawley, Heath, Leyden, Monroe, Montague, Northfield, Rowe, and Shelburne

**State Police Troop B-3:** Agawam, Chicopee, East Longmeadow, Hampden, Longmeadow, Ludlow, Springfield, West Springfield, and Wilbraham

**State Police Troop B-4:** Adams, Cheshire, Clarksburg, Dalton, Florida, Hancock, Hinsdale, Lanesborough, New Ashford, North Adams, Peru, Pittsfield, Savoy, Washington, Williamstown, and Windsor

**State Police Troop B-5:** Blandford, Chester, Granville, Huntington, Middlefield, Montgomery, Russell, Southwick, Tolland, Westfield, and Worthington

**State Police Troop B-6:** Amherst, Chesterfield, Cummington, Easthampton, Goshen, Hadley, Hatfield, Holyoke, Leverett, Northampton, Plainfield, Southampton, South Hadley, Sunderland, Westhampton, Whately, and Williamsburg

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<sup>38</sup>Massachusetts State Police Troop boundary information obtained from: <https://www.mass.gov/info-details/massachusetts-state-police-troop-boundaries>

**State Police Troop B-8:** Responsible for patrolling the western most section of the Massachusetts Turnpike from the Ludlow-Chicopee town line to the New York State border.

**State Police Troop C-1:** Athol, Ashburnham, Erving, Gardner, Hubbardston, New Salem, Orange, Petersham, Phillipston, Royalston, Templeton, Warwick, Wendell, Westminster and Winchendon

**State Police Troop C-2:** Bellingham, Blackstone, Douglas, Grafton, Hopedale, Hopkinton, Marlborough, Mendon, Milford, Millbury, Millville, Northborough, Northbridge, Shrewsbury, Southborough, Sutton, Upton, Uxbridge and Westborough

**State Police Troop C-3:** Barre, Brookfield, East Brookfield, Leicester, New Braintree, North Brookfield, Oakham, Paxton, Spencer, Warren and West Brookfield

**State Police Troop C-4:** Ashby, Ayer, Berlin, Bolton, Fitchburg, Groton, Harvard, Hudson, Lancaster, Leominster, Lunenburg, Pepperell, Shirley and Townsend

**State Police Troop C-5:** Auburn, Brimfield, Charlton, Dudley, Holland, Monson, Oxford, Palmer, Southbridge, Sturbridge, Wales and Webster

**State Police Troop C-6:** Boylston, Clinton, Holden, Princeton, Rutland, Sterling, West Boylston and Worcester

**State Police Troop C-7:** Belchertown, Granby, Hardwick, Pelham, Shutesbury and Ware

**State Police Troop C-9:** Devens Commerce Center (near Ayer)

**State Police Troop C-10:** \*\*No info available\*\*

**State Police Troop D-1:** Abington, Cohasset, Duxbury, Hanover, Hanson, Hingham, Hull, North Kingston, North Marshfield, Norwell, Pembroke, Rockland, Scituate, Weymouth and Whitman

**State Police Troop D-2:** Barnstable, Brewster, Chatham, Dennis, Eastham, Harwich, Orleans, Provincetown, Truro, Wellfleet and Yarmouth

**State Police Troop D-3:** Acushnet, Dartmouth, Fairhaven, Fall River, Freetown, New Bedford, Somerset, Swansea and Westport

**State Police Troop D-4:** Berkley, Bridgewater, Brockton, Carver, Dighton, East Bridgewater, Easton, Halifax, Lakeville, Middleborough, Plympton, Raynham, Rehoboth, Seekonk, Taunton and West Bridgewater

**State Police Troop D-6:** Chilmark, Edgartown, Gay Head, Gosnold, Oak Bluffs and West Tisbury

**State Police Troop D-7:** Island of Nantucket

**State Police Troop F:** Logan Airport

**State Police Troop H-2:** The primary and high profile patrol area for SP Framingham is the Route 128 beltway around Boston, known as the Yankee Highway.

**State Police Troop H-3:** Their jurisdiction lies in several areas. It extends to the south on Route 95 to the Rhode Island border and on Route 495 to the Norton town line (this is Troop D). The barracks's boundaries then extend to the north on Route 95 to the Route 128/93 Interchange in Canton, and to the west on Route 495 to the Bellingham town line.

**State Police Troop H-4:** Station H-4, SP Boston Barracks is located at a major intersection which links Boston with the western suburbs and many other major interstate highways.

**State Police Troop H-5:** Station H-5, SP Brighton Barracks, patrols mostly DCR and state roadways and parks along the Charles River in the Boston and Cambridge areas.

**State Police Troop H-6:** Station H-6, SP South Boston Barracks shares the building complex with H Troop Headquarters on Day Boulevard at the head of Carson Beach in South Boston.

**State Police Troop H-7:** Station H-7, SP Milton Barracks is located at the foot of the Blue Hills Reservation, which includes Houghton's Pond, the Blue Hills Observatory, Chickatawbut Overlook, the Blue Hills Ski Area and the Trailside Museum.

**State Police Troop H-8:** SP Weston provides coverage up to the Allston-Brighton tolls on the Boston Extension and the Tunnel Division, or H-9, maintains jurisdiction for the remainder of Route 90 east of IC-19.

**State Police Troop H-9:** The Tunnels barracks covers 45 miles of highways, including all Big Dig roadways and the intricate system of highways, tunnels, ramps, and connectors.

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE ACADEMY

Total Citations <sup>1</sup> : <b>1,577</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,504)				ITP Stops <sup>3</sup> (N = 585)			
Mean age				Mean age			
<b>35.74</b>				<b>35.8</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>30.6%</b>			
Male <b>68.4%</b>				Male <b>69.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>18.2%</b>				AA/Black <b>16.1%</b>			
Hispanic <b>18.7%</b>				Hispanic <b>17.8%</b>			
White <b>56.8%</b>				White <b>60.1%</b>			
Other <b>6.3%</b>				Other <b>6.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.2%</b>	<b>14.4%</b>	<b>3.8%</b>
Hispanic	<b>18.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.7%</b>	<b>14.5%</b>	<b>4.2%</b>
White	<b>56.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>56.8%</b>	<b>66.4%</b>	<b>-9.6%</b>
Other	<b>6.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.3%</b>	<b>4.6%</b>	<b>1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	631	<b>38.2%</b>	<b>53.6%</b>	NW	220	<b>39.1%</b>	<b>44.0%</b>
White	815	<b>61.8%</b>	<b>46.4%</b>	White	321	<b>60.9%</b>	<b>56.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .282 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .494* sig.				Odds ratio Exp(B) <sup>7</sup> : .825 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.7%</b>	<b>29.4%</b>	<b>16.3%</b>	<b>3.5%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>40.1%</b>	<b>42.8%</b>	<b>13.0%</b>	<b>4.1%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>51.0%</b>	<b>39.7%</b>	<b>6.4%</b>	<b>2.9%</b>			
Other	<b>56.4%</b>	<b>38.3%</b>	<b>4.3%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE COMMERCIAL VEHICLE ENFORCEMENT

Total Citations <sup>1</sup> : <b>4,735</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,671)				ITP Stops <sup>3</sup> (N = 1,451)			
Mean age				Mean age			
<b>37.99</b>				<b>37.56</b>			
Gender %				Gender %			
Female <b>16.9%</b>				Female <b>16.1%</b>			
Male <b>83.1%</b>				Male <b>83.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>46.6%</b>				Race % Mis/Unk <sup>4</sup> <b>44.2%</b>			
AA/Black <b>15.6%</b>				AA/Black <b>16.4%</b>			
Hispanic <b>20.1%</b>				Hispanic <b>19.8%</b>			
White <b>61.2%</b>				White <b>61.1%</b>			
Other <b>3.1%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>15.6%</b>	<b>14.4%</b>	<b>1.2%</b>
Hispanic	<b>20.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.1%</b>	<b>14.5%</b>	<b>5.6%</b>
White	<b>61.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>61.2%</b>	<b>66.4%</b>	<b>-5.2%</b>
Other	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	928	<b>37.1%</b>	<b>47.5%</b>	NW	274	<b>35.2%</b>	<b>48.1%</b>
White	1,483	<b>62.9%</b>	<b>52.5%</b>	White	448	<b>64.8%</b>	<b>51.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .003* sig.			
Odds ratio Exp(B) <sup>7</sup> : .616* sig.				Odds ratio Exp(B) <sup>7</sup> : .437* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.7%</b>	<b>52.9%</b>	<b>8.4%</b>	<b>1.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>28.2%</b>	<b>62.3%</b>	<b>8.5%</b>	<b>1.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>43.8%</b>	<b>53.2%</b>	<b>2.3%</b>	<b>0.7%</b>			
Other	<b>28.7%</b>	<b>67.5%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE COMMUNITY ACTION

Total Citations <sup>1</sup> : <b>1,242</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,227)				ITP Stops <sup>3</sup> (N = 489)			
Mean age				Mean age			
<b>34.59</b>				<b>35.12</b>			
Gender %				Gender %			
Female <b>27.9%</b>				Female <b>30.0%</b>			
Male <b>72.1%</b>				Male <b>70.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>27.3%</b>				AA/Black <b>30.0%</b>			
Hispanic <b>20.0%</b>				Hispanic <b>20.2%</b>			
White <b>45.2%</b>				White <b>44.1%</b>			
Other <b>7.4%</b>				Other <b>5.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>27.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>27.3%</b>	<b>14.4%</b>	<b>12.9%</b>
Hispanic	<b>20.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.0%</b>	<b>14.5%</b>	<b>5.5%</b>
White	<b>45.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>45.2%</b>	<b>66.4%</b>	<b>-21.2%</b>
Other	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.4%</b>	<b>4.6%</b>	<b>2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	643	<b>50.6%</b>	<b>59.5%</b>	NW	255	<b>56.4%</b>	<b>55.1%</b>
White	534	<b>49.4%</b>	<b>40.5%</b>	White	204	<b>43.6%</b>	<b>44.9%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .794 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .752* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.404 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.0%</b>	<b>32.5%</b>	<b>11.3%</b>	<b>2.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>47.8%</b>	<b>39.2%</b>	<b>11.8%</b>	<b>1.2%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>58.8%</b>	<b>36.3%</b>	<b>4.7%</b>	<b>0.2%</b>			
Other	<b>59.3%</b>	<b>37.4%</b>	<b>2.2%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE MOTORCYCLE SECTION

Total Citations <sup>1</sup> : <b>889</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 879)				ITP Stops <sup>3</sup> (N = 182)			
Mean age				Mean age			
<b>38.13</b>				<b>39.66</b>			
Gender %				Gender %			
Female <b>32.6%</b>				Female <b>36.7%</b>			
Male <b>67.4%</b>				Male <b>63.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>22.4%</b>				AA/Black <b>17.7%</b>			
Hispanic <b>11.2%</b>				Hispanic <b>13.3%</b>			
White <b>60.3%</b>				White <b>65.7%</b>			
Other <b>6.2%</b>				Other <b>3.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>22.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>22.4%</b>	<b>14.4%</b>	<b>8.0%</b>
Hispanic	<b>11.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.2%</b>	<b>14.5%</b>	<b>-3.3%</b>
White	<b>60.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.3%</b>	<b>66.4%</b>	<b>-6.1%</b>
Other	<b>6.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.2%</b>	<b>4.6%</b>	<b>1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	344	<b>39.2%</b>	<b>44.4%</b>	NW	58	<b>35.7%</b>	<b>27.6%</b>
White	520	<b>60.8%</b>	<b>55.6%</b>	White	111	<b>64.3%</b>	<b>72.4%</b>
Chi-square, X-tab <sup>6</sup> : .317 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .401 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .806 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.673 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.5%</b>	<b>30.0%</b>	<b>3.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>63.3%</b>	<b>31.6%</b>	<b>5.1%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>76.7%</b>	<b>21.3%</b>	<b>1.9%</b>	<b>0.2%</b>			
Other	<b>63.0%</b>	<b>37.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .017* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASSACHUSETTS STATE POLICE MV REGULATORY SECTION

Total Citations <sup>1</sup> : <b>168</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist:		<b>N/A</b>	Citations per 1000						
	Passing through:		<b>N/A</b>	18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 164)				ITP Stops <sup>3</sup> (N = N/A)						
Mean age				Mean age						
<b>34.17</b>				<b>N/A</b>						
Gender %				Gender %						
Female <b>26.7%</b>				Female <b>N/A</b>						
Male <b>73.3%</b>				Male <b>N/A</b>						
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>25.0%</b>				AA/Black <b>N/A</b>						
Hispanic <b>11.9%</b>				Hispanic <b>N/A</b>						
White <b>58.1%</b>			White <b>N/A</b>							
Other <b>5.0%</b>			Other <b>N/A</b>							
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes										
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>25.0%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>25.0%</b>	<b>14.4%</b>	<b>10.6%</b>		
Hispanic	<b>11.9%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>11.9%</b>	<b>14.5%</b>	<b>-2.6%</b>		
White	<b>58.1%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>58.1%</b>	<b>66.4%</b>	<b>-8.3%</b>		
Other	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>		Other	<b>5.0%</b>	<b>4.6%</b>	<b>0.4%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	66	<b>40.4%</b>	<b>46.8%</b>			NW	N/A	<b>N/A</b>	<b>N/A</b>	
White	90	<b>59.6%</b>	<b>53.2%</b>			White	N/A	<b>N/A</b>	<b>N/A</b>	
Chi-square, X-tab <sup>6</sup> :		.455	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.766	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone										
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>34.1%</b>	<b>48.8%</b>	<b>9.8%</b>	<b>7.3%</b>	NW	<b>1</b>	<b>N/A</b>			
Hispanic	<b>35.0%</b>	<b>40.0%</b>	<b>15.0%</b>	<b>10.0%</b>	White	<b>0</b>	<b>N/A</b>			
White	<b>44.7%</b>	<b>52.1%</b>	<b>2.1%</b>	<b>1.1%</b>						
Other	<b>37.5%</b>	<b>62.5%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.109 not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE GENERAL HEADQUARTERS

Total Citations <sup>1</sup> : <b>2,570</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,494)				ITP Stops <sup>3</sup> (N = 706)			
Mean age				Mean age			
<b>35.75</b>				<b>35.42</b>			
Gender %				Gender %			
Female <b>30.3%</b>				Female <b>30.0%</b>			
Male <b>69.6%</b>				Male <b>70.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>16.9%</b>				AA/Black <b>15.3%</b>			
Hispanic <b>17.2%</b>				Hispanic <b>19.2%</b>			
White <b>60.1%</b>				White <b>58.7%</b>			
Other <b>5.8%</b>				Other <b>6.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.9%</b>	<b>14.4%</b>	<b>2.5%</b>
Hispanic	<b>17.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.2%</b>	<b>14.5%</b>	<b>2.7%</b>
White	<b>60.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.1%</b>	<b>66.4%</b>	<b>-6.3%</b>
Other	<b>5.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.8%</b>	<b>4.6%</b>	<b>1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	891	<b>32.9%</b>	<b>49.2%</b>	NW	256	<b>36.8%</b>	<b>51.0%</b>
White	1,368	<b>67.1%</b>	<b>50.8%</b>	White	361	<b>63.2%</b>	<b>49.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .515* sig.				Odds ratio Exp(B) <sup>7</sup> : .663* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.3%</b>	<b>41.5%</b>	<b>16.7%</b>	<b>4.5%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>38.4%</b>	<b>47.4%</b>	<b>11.4%</b>	<b>2.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>45.4%</b>	<b>45.0%</b>	<b>7.7%</b>	<b>1.8%</b>			
Other	<b>40.6%</b>	<b>51.0%</b>	<b>6.3%</b>	<b>2.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A HEADQUARTERS

Total Citations <sup>1</sup> : <b>3,698</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,616)				ITP Stops <sup>3</sup> (N = 1,399)			
Mean age				Mean age			
<b>35.14</b>				<b>35.21</b>			
Gender %				Gender %			
Female <b>27.0%</b>				Female <b>27.2%</b>			
Male <b>73.0%</b>				Male <b>72.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>1.4%</b>		Race %	Mis/Unk <sup>4</sup>	<b>1.5%</b>	
AA/Black	<b>9.9%</b>			AA/Black	<b>9.0%</b>		
Hispanic	<b>25.4%</b>			Hispanic	<b>27.0%</b>		
White	<b>61.0%</b>			White	<b>59.8%</b>		
Other	<b>3.7%</b>			Other	<b>4.2%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.9%</b>	<b>14.4%</b>	<b>-4.5%</b>
Hispanic	<b>25.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>25.4%</b>	<b>14.5%</b>	<b>10.9%</b>
White	<b>61.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>61.0%</b>	<b>66.4%</b>	<b>-5.4%</b>
Other	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.7%</b>	<b>4.6%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,342	<b>34.0%</b>	<b>47.8%</b>	NW	508	<b>35.6%</b>	<b>46.5%</b>
White	2,091	<b>66.0%</b>	<b>52.2%</b>	White	755	<b>64.4%</b>	<b>53.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .573* sig.				Odds ratio Exp(B) <sup>7</sup> : .713* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>71.6%</b>	<b>17.8%</b>	<b>6.0%</b>	<b>4.6%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>64.4%</b>	<b>22.8%</b>	<b>9.0%</b>	<b>3.8%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>60.9%</b>	<b>31.0%</b>	<b>5.8%</b>	<b>2.3%</b>			
Other	<b>68.4%</b>	<b>27.2%</b>	<b>4.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-1

Total Citations <sup>1</sup> : <b>6,714</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,817)				ITP Stops <sup>3</sup> (N = 1,365)			
Mean age				Mean age			
<b>35.09</b>				<b>35.82</b>			
Gender %				Gender %			
Female <b>28.2%</b>				Female <b>26.6%</b>			
Male <b>71.7%</b>				Male <b>73.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>10.9%</b>				AA/Black <b>9.7%</b>			
Hispanic <b>32.6%</b>				Hispanic <b>29.3%</b>			
White <b>50.5%</b>				White <b>55.5%</b>			
Other <b>6.1%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.9%</b>	<b>14.4%</b>	<b>-3.5%</b>
Hispanic	<b>32.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>32.6%</b>	<b>14.5%</b>	<b>18.1%</b>
White	<b>50.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>50.5%</b>	<b>66.4%</b>	<b>-15.9%</b>
Other	<b>6.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.1%</b>	<b>4.6%</b>	<b>1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,720	<b>42.0%</b>	<b>56.7%</b>	NW	530	<b>43.6%</b>	<b>47.1%</b>
White	2,743	<b>58.0%</b>	<b>43.3%</b>	White	648	<b>56.4%</b>	<b>52.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .245 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .557* sig.				Odds ratio Exp(B) <sup>7</sup> : .865 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.0%</b>	<b>24.3%</b>	<b>13.2%</b>	<b>3.5%</b>	NW	<b>42</b>	<b>N/A</b>
Hispanic	<b>61.5%</b>	<b>23.0%</b>	<b>12.5%</b>	<b>3.0%</b>	White	<b>39</b>	<b>N/A</b>
White	<b>62.0%</b>	<b>27.8%</b>	<b>7.1%</b>	<b>3.1%</b>			
Other	<b>65.6%</b>	<b>29.2%</b>	<b>4.7%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-2

Total Citations <sup>1</sup> : <b>5,649</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,391)				ITP Stops <sup>3</sup> (N = 2,072)			
Mean age				Mean age			
<b>36.47</b>				<b>36.83</b>			
Gender %				Gender %			
Female <b>33.2%</b>				Female <b>31.2%</b>			
Male <b>66.8%</b>				Male <b>68.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>15.4%</b>				Hispanic <b>15.3%</b>			
White <b>74.1%</b>				White <b>76.1%</b>			
Other <b>3.7%</b>				Other <b>2.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.8%</b>	<b>14.4%</b>	<b>-7.6%</b>
Hispanic	<b>15.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.4%</b>	<b>14.5%</b>	<b>0.9%</b>
White	<b>74.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>74.1%</b>	<b>66.4%</b>	<b>7.7%</b>
Other	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.7%</b>	<b>4.6%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,295	<b>22.3%</b>	<b>31.8%</b>	NW	409	<b>24.2%</b>	<b>21.8%</b>
White	3,722	<b>77.7%</b>	<b>68.2%</b>	White	1,341	<b>75.8%</b>	<b>78.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .280 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .583* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.095 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.6%</b>	<b>24.2%</b>	<b>12.1%</b>	<b>3.1%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>53.4%</b>	<b>25.4%</b>	<b>17.9%</b>	<b>3.3%</b>	White	<b>30</b>	<b>N/A</b>
White	<b>67.5%</b>	<b>25.5%</b>	<b>5.0%</b>	<b>2.0%</b>			
Other	<b>63.1%</b>	<b>32.5%</b>	<b>3.0%</b>	<b>1.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-3

Total Citations <sup>1</sup> : <b>6,226</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,586)				ITP Stops <sup>3</sup> (N = 1,601)			
Mean age				Mean age			
<b>35.26</b>				<b>35.29</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>25.7%</b>			
Male <b>72.2%</b>				Male <b>74.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>14.9%</b>				AA/Black <b>10.2%</b>			
Hispanic <b>17.9%</b>				Hispanic <b>19.1%</b>			
White <b>57.6%</b>				White <b>61.8%</b>			
Other <b>9.6%</b>				Other <b>8.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.9%</b>	<b>14.4%</b>	<b>0.5%</b>
Hispanic	<b>17.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.9%</b>	<b>14.5%</b>	<b>3.4%</b>
White	<b>57.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>57.6%</b>	<b>66.4%</b>	<b>-8.8%</b>
Other	<b>9.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>9.6%</b>	<b>4.6%</b>	<b>5.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,224	<b>38.2%</b>	<b>47.7%</b>	NW	532	<b>39.1%</b>	<b>36.1%</b>
White	3,009	<b>61.8%</b>	<b>52.3%</b>	White	869	<b>60.9%</b>	<b>63.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .262 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .670* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.130 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.2%</b>	<b>20.2%</b>	<b>8.7%</b>	<b>4.9%</b>	NW	<b>20</b>	<b>N/A</b>
Hispanic	<b>55.0%</b>	<b>24.5%</b>	<b>17.0%</b>	<b>3.5%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>68.1%</b>	<b>24.0%</b>	<b>6.1%</b>	<b>1.8%</b>			
Other	<b>67.7%</b>	<b>26.6%</b>	<b>4.7%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-4

Total Citations <sup>1</sup> : <b>4,344</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,690)				ITP Stops <sup>3</sup> (N = 718)			
Mean age				Mean age			
<b>36.52</b>				<b>37.2</b>			
Gender %				Gender %			
Female <b>26.7%</b>				Female <b>25.5%</b>			
Male <b>73.3%</b>				Male <b>74.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>20.2%</b>				AA/Black <b>14.1%</b>			
Hispanic <b>26.6%</b>				Hispanic <b>25.9%</b>			
White <b>42.6%</b>				White <b>50.0%</b>			
Other <b>10.5%</b>				Other <b>10.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>20.2%</b>	<b>14.4%</b>	<b>5.8%</b>
Hispanic	<b>26.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>26.6%</b>	<b>14.5%</b>	<b>12.1%</b>
White	<b>42.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>42.6%</b>	<b>66.4%</b>	<b>-23.8%</b>
Other	<b>10.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.5%</b>	<b>4.6%</b>	<b>5.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,018	<b>46.3%</b>	<b>67.0%</b>	NW	316	<b>46.8%</b>	<b>54.7%</b>
White	1,488	<b>53.7%</b>	<b>33.0%</b>	White	316	<b>53.2%</b>	<b>45.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .052 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .430* sig.				Odds ratio Exp(B) <sup>7</sup> : .902 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>71.9%</b>	<b>13.5%</b>	<b>13.0%</b>	<b>1.6%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>65.2%</b>	<b>15.6%</b>	<b>16.4%</b>	<b>2.7%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>73.9%</b>	<b>16.8%</b>	<b>7.6%</b>	<b>1.7%</b>			
Other	<b>74.4%</b>	<b>19.1%</b>	<b>4.9%</b>	<b>1.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-5

Total Citations <sup>1</sup> : <b>5,192</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,802)				ITP Stops <sup>3</sup> (N = 1,393)			
Mean age				Mean age			
<b>35.41</b>				<b>35.9</b>			
Gender %				Gender %			
Female <b>27.0%</b>				Female <b>27.8%</b>			
Male <b>73.0%</b>				Male <b>72.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>12.9%</b>				AA/Black <b>12.0%</b>			
Hispanic <b>36.1%</b>				Hispanic <b>34.1%</b>			
White <b>43.6%</b>				White <b>46.9%</b>			
Other <b>7.3%</b>				Other <b>7.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.9%</b>	<b>14.4%</b>	<b>-1.5%</b>
Hispanic	<b>36.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>36.1%</b>	<b>14.5%</b>	<b>21.6%</b>
White	<b>43.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>43.6%</b>	<b>66.4%</b>	<b>-22.8%</b>
Other	<b>7.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.3%</b>	<b>4.6%</b>	<b>2.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,601	<b>50.2%</b>	<b>68.7%</b>	NW	672	<b>51.1%</b>	<b>63.1%</b>
White	2,007	<b>49.8%</b>	<b>31.3%</b>	White	591	<b>48.9%</b>	<b>36.9%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.001*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.482*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.658*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.2%</b>	<b>28.3%</b>	<b>10.4%</b>	<b>2.1%</b>	NW	<b>38</b>	<b>N/A</b>
Hispanic	<b>44.5%</b>	<b>32.1%</b>	<b>19.6%</b>	<b>3.7%</b>	White	<b>15</b>	<b>N/A</b>
White	<b>56.5%</b>	<b>35.7%</b>	<b>6.3%</b>	<b>1.6%</b>			
Other	<b>55.4%</b>	<b>37.8%</b>	<b>4.3%</b>	<b>2.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-6

Total Citations <sup>1</sup> : <b>6,838</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,768)				ITP Stops <sup>3</sup> (N = 1,580)			
Mean age				Mean age			
<b>36.86</b>				<b>37.13</b>			
Gender %				Gender %			
Female <b>30.1%</b>				Female <b>29.0%</b>			
Male <b>69.9%</b>				Male <b>70.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.8%</b>			
AA/Black <b>12.4%</b>				AA/Black <b>10.5%</b>			
Hispanic <b>19.1%</b>				Hispanic <b>19.4%</b>			
White <b>62.9%</b>				White <b>64.7%</b>			
Other <b>5.6%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.4%</b>	<b>14.4%</b>	<b>-2.0%</b>
Hispanic	<b>19.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.1%</b>	<b>14.5%</b>	<b>4.6%</b>
White	<b>62.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.9%</b>	<b>66.4%</b>	<b>-3.5%</b>
Other	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.6%</b>	<b>4.6%</b>	<b>1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,021	<b>30.6%</b>	<b>45.3%</b>	NW	484	<b>34.2%</b>	<b>37.8%</b>
White	3,407	<b>69.4%</b>	<b>54.7%</b>	White	875	<b>65.8%</b>	<b>62.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .178 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .544* sig.				Odds ratio Exp(B) <sup>7</sup> : .840 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.7%</b>	<b>15.5%</b>	<b>14.6%</b>	<b>4.2%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>56.8%</b>	<b>17.9%</b>	<b>20.0%</b>	<b>5.2%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>68.2%</b>	<b>21.0%</b>	<b>7.4%</b>	<b>3.5%</b>			
Other	<b>74.1%</b>	<b>18.7%</b>	<b>4.7%</b>	<b>2.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B HEADQUARTERS

Total Citations <sup>1</sup> : <b>4,286</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,205)				ITP Stops <sup>3</sup> (N = 2,061)			
Mean age				Mean age			
<b>35.05</b>				<b>34.19</b>			
Gender %				Gender %			
Female <b>35.2%</b>				Female <b>33.5%</b>			
Male <b>64.8%</b>				Male <b>66.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>12.9%</b>				AA/Black <b>12.7%</b>			
Hispanic <b>28.5%</b>				Hispanic <b>33.3%</b>			
White <b>55.8%</b>				White <b>51.8%</b>			
Other <b>2.8%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.9%</b>	<b>14.4%</b>	<b>-1.5%</b>
Hispanic	<b>28.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>28.5%</b>	<b>14.5%</b>	<b>14.0%</b>
White	<b>55.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>55.8%</b>	<b>66.4%</b>	<b>-10.6%</b>
Other	<b>2.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.8%</b>	<b>4.6%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,727	<b>40.2%</b>	<b>51.0%</b>	NW	882	<b>49.9%</b>	<b>43.8%</b>
White	2,206	<b>59.8%</b>	<b>49.0%</b>	White	958	<b>50.1%</b>	<b>56.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .014* sig.			
Odds ratio Exp(B) <sup>7</sup> : .606* sig.				Odds ratio Exp(B) <sup>7</sup> : .865 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>42.0%</b>	<b>37.5%</b>	<b>18.6%</b>	<b>1.8%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>41.2%</b>	<b>33.3%</b>	<b>23.7%</b>	<b>1.8%</b>	White	<b>21</b>	<b>N/A</b>
White	<b>43.1%</b>	<b>48.5%</b>	<b>7.4%</b>	<b>0.9%</b>			
Other	<b>33.9%</b>	<b>64.4%</b>	<b>1.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-1

Total Citations <sup>1</sup> : <b>4,983</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,921)				ITP Stops <sup>3</sup> (N = 1,418)			
Mean age				Mean age			
<b>40.09</b>				<b>40.29</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>38.1%</b>			
Male <b>60.2%</b>				Male <b>61.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>8.9%</b>				AA/Black <b>8.1%</b>			
Hispanic <b>8.0%</b>				Hispanic <b>6.3%</b>			
White <b>78.8%</b>				White <b>80.5%</b>			
Other <b>4.3%</b>				Other <b>5.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>8.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>8.0%</b>	<b>14.5%</b>	<b>-6.5%</b>
White	<b>78.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>78.8%</b>	<b>66.4%</b>	<b>12.4%</b>
Other	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.3%</b>	<b>4.6%</b>	<b>-0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	996	<b>19.6%</b>	<b>28.6%</b>	NW	247	<b>18.5%</b>	<b>21.7%</b>
White	3,685	<b>80.4%</b>	<b>71.4%</b>	White	1,026	<b>81.5%</b>	<b>78.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .199 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .628* sig.				Odds ratio Exp(B) <sup>7</sup> : .921 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.0%</b>	<b>24.8%</b>	<b>11.7%</b>	<b>0.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.9%</b>	<b>25.1%</b>	<b>13.0%</b>	<b>1.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>73.9%</b>	<b>21.5%</b>	<b>4.1%</b>	<b>0.4%</b>			
Other	<b>67.1%</b>	<b>28.1%</b>	<b>4.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-2

Total Citations <sup>1</sup> : <b>4,949</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,829)				ITP Stops <sup>3</sup> (N = 1,298)			
Mean age				Mean age			
<b>37.5</b>				<b>37.33</b>			
Gender %				Gender %			
Female <b>37.9%</b>				Female <b>36.4%</b>			
Male <b>62.0%</b>				Male <b>63.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>8.0%</b>				AA/Black <b>6.3%</b>			
Hispanic <b>9.3%</b>				Hispanic <b>9.9%</b>			
White <b>79.7%</b>				White <b>81.1%</b>			
Other <b>3.0%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.0%</b>	<b>14.4%</b>	<b>-6.4%</b>
Hispanic	<b>9.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.3%</b>	<b>14.5%</b>	<b>-5.2%</b>
White	<b>79.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>79.7%</b>	<b>66.4%</b>	<b>13.3%</b>
Other	<b>3.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.0%</b>	<b>4.6%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	933	<b>18.2%</b>	<b>24.4%</b>	NW	216	<b>19.5%</b>	<b>16.3%</b>
White	3,694	<b>81.8%</b>	<b>75.6%</b>	White	952	<b>80.5%</b>	<b>83.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .182 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .687* sig.				Odds ratio Exp(B) <sup>7</sup> : .848 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.1%</b>	<b>19.1%</b>	<b>18.3%</b>	<b>2.5%</b>	NW	<b>17</b>	<b>N/A</b>
Hispanic	<b>60.6%</b>	<b>22.9%</b>	<b>14.1%</b>	<b>2.4%</b>	White	<b>28</b>	<b>N/A</b>
White	<b>73.4%</b>	<b>18.7%</b>	<b>5.9%</b>	<b>2.1%</b>			
Other	<b>69.5%</b>	<b>27.7%</b>	<b>2.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-3

Total Citations <sup>1</sup> : <b>6,535</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,061)				ITP Stops <sup>3</sup> (N = 1,686)			
Mean age				Mean age			
<b>33.3</b>				<b>32.3</b>			
Gender %				Gender %			
Female <b>30.8%</b>				Female <b>28.2%</b>			
Male <b>69.2%</b>				Male <b>71.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>21.1%</b>				AA/Black <b>21.4%</b>			
Hispanic <b>42.1%</b>				Hispanic <b>46.9%</b>			
White <b>33.8%</b>				White <b>29.6%</b>			
Other <b>3.0%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>21.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>21.1%</b>	<b>14.4%</b>	<b>6.7%</b>
Hispanic	<b>42.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>42.1%</b>	<b>14.5%</b>	<b>27.6%</b>
White	<b>33.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>33.8%</b>	<b>66.4%</b>	<b>-32.6%</b>
Other	<b>3.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.0%</b>	<b>4.6%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,858	<b>60.1%</b>	<b>74.0%</b>	NW	1,061	<b>67.8%</b>	<b>73.4%</b>
White	1,968	<b>39.9%</b>	<b>26.0%</b>	White	445	<b>32.2%</b>	<b>26.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .017* sig.			
Odds ratio Exp(B) <sup>7</sup> : .537* sig.				Odds ratio Exp(B) <sup>7</sup> : .782 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.4%</b>	<b>23.6%</b>	<b>20.6%</b>	<b>5.4%</b>	NW	<b>14</b>	<b>N/A</b>
Hispanic	<b>49.2%</b>	<b>20.7%</b>	<b>24.4%</b>	<b>5.7%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>56.9%</b>	<b>28.8%</b>	<b>9.6%</b>	<b>4.8%</b>			
Other	<b>56.7%</b>	<b>34.5%</b>	<b>8.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-4

Total Citations <sup>1</sup> : <b>2,984</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,925)				ITP Stops <sup>3</sup> (N = 902)			
Mean age				Mean age			
<b>37.61</b>				<b>37.41</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>37.7%</b>			
Male <b>62.6%</b>				Male <b>62.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>8.6%</b>				AA/Black <b>7.2%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>5.0%</b>			
White <b>85.2%</b>				White <b>86.7%</b>			
Other <b>1.1%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.6%</b>	<b>14.4%</b>	<b>-5.8%</b>
Hispanic	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.0%</b>	<b>14.5%</b>	<b>-9.5%</b>
White	<b>85.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.2%</b>	<b>66.4%</b>	<b>18.8%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	409	<b>10.8%</b>	<b>20.8%</b>	NW	104	<b>10.0%</b>	<b>16.7%</b>
White	2,369	<b>89.2%</b>	<b>79.2%</b>	White	691	<b>90.0%</b>	<b>83.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .006* sig.			
Odds ratio Exp(B) <sup>7</sup> : .449* sig.				Odds ratio Exp(B) <sup>7</sup> : .702 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.4%</b>	<b>15.0%</b>	<b>13.8%</b>	<b>2.8%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>67.1%</b>	<b>13.4%</b>	<b>14.1%</b>	<b>5.4%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>75.0%</b>	<b>16.6%</b>	<b>7.5%</b>	<b>0.9%</b>			
Other	<b>87.9%</b>	<b>12.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-5

Total Citations <sup>1</sup> : <b>1,904</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,837)				ITP Stops <sup>3</sup> (N = 578)			
Mean age				Mean age			
<b>34.65</b>				<b>36.22</b>			
Gender %				Gender %			
Female <b>32.1%</b>				Female <b>29.8%</b>			
Male <b>67.7%</b>				Male <b>70.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>7.9%</b>				AA/Black <b>6.0%</b>			
Hispanic <b>17.6%</b>				Hispanic <b>16.3%</b>			
White <b>71.6%</b>				White <b>73.6%</b>			
Other <b>2.9%</b>				Other <b>4.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.9%</b>	<b>14.4%</b>	<b>-6.5%</b>
Hispanic	<b>17.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.6%</b>	<b>14.5%</b>	<b>3.1%</b>
White	<b>71.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>71.6%</b>	<b>66.4%</b>	<b>5.2%</b>
Other	<b>2.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	491	<b>24.5%</b>	<b>32.4%</b>	NW	132	<b>22.3%</b>	<b>31.4%</b>
White	1,238	<b>75.5%</b>	<b>67.6%</b>	White	376	<b>77.7%</b>	<b>68.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .021* sig.			
Odds ratio Exp(B) <sup>7</sup> : .672* sig.				Odds ratio Exp(B) <sup>7</sup> : .604* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.2%</b>	<b>20.3%</b>	<b>16.2%</b>	<b>1.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>61.2%</b>	<b>15.1%</b>	<b>22.8%</b>	<b>0.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>72.7%</b>	<b>16.6%</b>	<b>9.2%</b>	<b>1.4%</b>			
Other	<b>63.0%</b>	<b>20.4%</b>	<b>13.0%</b>	<b>3.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-6

Total Citations <sup>1</sup> : <b>8,373</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 8,182)				ITP Stops <sup>3</sup> (N = 2,752)			
Mean age				Mean age			
<b>36.07</b>				<b>35.18</b>			
Gender %				Gender %			
Female <b>37.5%</b>				Female <b>35.9%</b>			
Male <b>62.4%</b>				Male <b>64.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>10.7%</b>				AA/Black <b>10.3%</b>			
Hispanic <b>23.0%</b>				Hispanic <b>24.3%</b>			
White <b>63.0%</b>				White <b>61.7%</b>			
Other <b>3.4%</b>				Other <b>3.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.7%</b>	<b>14.4%</b>	<b>-3.7%</b>
Hispanic	<b>23.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>23.0%</b>	<b>14.5%</b>	<b>8.5%</b>
White	<b>63.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.0%</b>	<b>66.4%</b>	<b>-3.4%</b>
Other	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.4%</b>	<b>4.6%</b>	<b>-1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,868	<b>34.9%</b>	<b>42.1%</b>	NW	928	<b>40.3%</b>	<b>34.5%</b>
White	4,872	<b>65.1%</b>	<b>57.9%</b>	White	1,481	<b>59.7%</b>	<b>65.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .007* sig.			
Odds ratio Exp(B) <sup>7</sup> : .713* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.016 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.7%</b>	<b>35.5%</b>	<b>11.4%</b>	<b>1.4%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>46.5%</b>	<b>32.8%</b>	<b>18.2%</b>	<b>2.5%</b>	White	<b>30</b>	<b>N/A</b>
White	<b>55.8%</b>	<b>37.4%</b>	<b>5.3%</b>	<b>1.5%</b>			
Other	<b>43.8%</b>	<b>51.6%</b>	<b>3.2%</b>	<b>1.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-8

Total Citations <sup>1</sup> : <b>4,765</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,575)				ITP Stops <sup>3</sup> (N = 1,471)			
Mean age				Mean age			
<b>35.62</b>				<b>35.58</b>			
Gender %				Gender %			
Female <b>36.2%</b>				Female <b>36.6%</b>			
Male <b>63.7%</b>				Male <b>63.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>14.0%</b>				AA/Black <b>14.2%</b>			
Hispanic <b>19.8%</b>				Hispanic <b>20.2%</b>			
White <b>61.5%</b>				White <b>60.9%</b>			
Other <b>4.8%</b>				Other <b>4.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.0%</b>	<b>14.4%</b>	<b>-0.4%</b>
Hispanic	<b>19.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.8%</b>	<b>14.5%</b>	<b>5.3%</b>
White	<b>61.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>61.5%</b>	<b>66.4%</b>	<b>-4.9%</b>
Other	<b>4.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.8%</b>	<b>4.6%</b>	<b>0.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,645	<b>35.4%</b>	<b>44.3%</b>	NW	493	<b>37.1%</b>	<b>41.2%</b>
White	2,648	<b>64.6%</b>	<b>55.7%</b>	White	793	<b>62.9%</b>	<b>58.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .168 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .681* sig.				Odds ratio Exp(B) <sup>7</sup> : .723* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.8%</b>	<b>20.4%</b>	<b>13.8%</b>	<b>3.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>59.7%</b>	<b>22.7%</b>	<b>15.8%</b>	<b>1.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>66.7%</b>	<b>25.9%</b>	<b>5.6%</b>	<b>1.8%</b>			
Other	<b>59.4%</b>	<b>35.6%</b>	<b>3.2%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C HEADQUARTERS

Total Citations <sup>1</sup> : <b>3,976</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,948)				ITP Stops <sup>3</sup> (N = 1,462)			
Mean age				Mean age			
<b>35.76</b>				<b>35.12</b>			
Gender %				Gender %			
Female <b>29.1%</b>				Female <b>28.5%</b>			
Male <b>70.8%</b>				Male <b>71.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>11.0%</b>				AA/Black <b>10.8%</b>			
Hispanic <b>19.9%</b>				Hispanic <b>20.6%</b>			
White <b>63.6%</b>				White <b>62.8%</b>			
Other <b>5.6%</b>				Other <b>5.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.0%</b>	<b>14.4%</b>	<b>-3.4%</b>
Hispanic	<b>19.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.9%</b>	<b>14.5%</b>	<b>5.4%</b>
White	<b>63.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.6%</b>	<b>66.4%</b>	<b>-2.8%</b>
Other	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.6%</b>	<b>4.6%</b>	<b>1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,357	<b>34.4%</b>	<b>45.7%</b>	NW	481	<b>34.5%</b>	<b>43.0%</b>
White	2,401	<b>65.6%</b>	<b>54.3%</b>	White	834	<b>65.5%</b>	<b>57.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .006* sig.			
Odds ratio Exp(B) <sup>7</sup> : .626* sig.				Odds ratio Exp(B) <sup>7</sup> : .570* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>48.7%</b>	<b>39.1%</b>	<b>11.0%</b>	<b>1.1%</b>	NW	<b>26</b>	<b>N/A</b>
Hispanic	<b>42.8%</b>	<b>42.3%</b>	<b>13.7%</b>	<b>1.2%</b>	White	<b>25</b>	<b>N/A</b>
White	<b>53.1%</b>	<b>43.2%</b>	<b>3.4%</b>	<b>0.2%</b>			
Other	<b>53.1%</b>	<b>44.8%</b>	<b>2.7%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-1

Total Citations <sup>1</sup> : <b>5,197</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,114)				ITP Stops <sup>3</sup> (N = 1,094)			
Mean age				Mean age			
<b>35.48</b>				<b>35.28</b>			
Gender %				Gender %			
Female <b>39.4%</b>				Female <b>37.1%</b>			
Male <b>60.6%</b>				Male <b>62.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>7.8%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>12.3%</b>				Hispanic <b>12.3%</b>			
White <b>75.7%</b>				White <b>76.1%</b>			
Other <b>4.2%</b>				Other <b>4.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.8%</b>	<b>14.4%</b>	<b>-6.6%</b>
Hispanic	<b>12.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>12.3%</b>	<b>14.5%</b>	<b>-2.2%</b>
White	<b>75.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>75.7%</b>	<b>66.4%</b>	<b>9.3%</b>
Other	<b>4.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.2%</b>	<b>4.6%</b>	<b>-0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,204	<b>24.6%</b>	<b>23.8%</b>	NW	236	<b>25.3%</b>	<b>21.9%</b>
White	3,721	<b>75.4%</b>	<b>76.2%</b>	White	729	<b>74.7%</b>	<b>78.1%</b>
Chi-square, X-tab <sup>6</sup> : .599 not sig.				Chi-square, X-tab <sup>6</sup> : .295 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.041 not sig.				Odds ratio Exp(B) <sup>7</sup> : .812 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.5%</b>	<b>26.0%</b>	<b>7.5%</b>	<b>1.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>60.4%</b>	<b>25.6%</b>	<b>13.2%</b>	<b>0.8%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>68.9%</b>	<b>26.6%</b>	<b>3.8%</b>	<b>0.7%</b>			
Other	<b>64.8%</b>	<b>32.9%</b>	<b>2.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-2

Total Citations <sup>1</sup> : <b>4,694</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,437)				ITP Stops <sup>3</sup> (N = 1,277)			
Mean age				Mean age			
<b>34.63</b>				<b>35.12</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>32.7%</b>			
Male <b>67.7%</b>				Male <b>67.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>13.4%</b>				AA/Black <b>9.3%</b>			
Hispanic <b>21.4%</b>				Hispanic <b>20.6%</b>			
White <b>60.0%</b>				White <b>65.6%</b>			
Other <b>5.2%</b>				Other <b>4.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.4%</b>	<b>14.4%</b>	<b>-1.0%</b>
Hispanic	<b>21.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.4%</b>	<b>14.5%</b>	<b>6.9%</b>
White	<b>60.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.0%</b>	<b>66.4%</b>	<b>-6.4%</b>
Other	<b>5.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.2%</b>	<b>4.6%</b>	<b>0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,710	<b>33.1%</b>	<b>49.0%</b>	NW	394	<b>32.6%</b>	<b>35.9%</b>
White	2,569	<b>66.9%</b>	<b>51.0%</b>	White	773	<b>67.4%</b>	<b>64.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .249 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .508* sig.				Odds ratio Exp(B) <sup>7</sup> : .743 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.5%</b>	<b>26.3%</b>	<b>13.0%</b>	<b>2.2%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>44.2%</b>	<b>30.1%</b>	<b>22.9%</b>	<b>2.8%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>59.3%</b>	<b>32.4%</b>	<b>6.4%</b>	<b>1.8%</b>			
Other	<b>44.7%</b>	<b>44.7%</b>	<b>9.3%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-3

Total Citations <sup>1</sup> : <b>2,701</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,621)				ITP Stops <sup>3</sup> (N = 578)			
Mean age				Mean age			
<b>35.02</b>				<b>35.43</b>			
Gender %				Gender %			
Female <b>32.9%</b>				Female <b>31.1%</b>			
Male <b>67.0%</b>				Male <b>68.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>14.8%</b>				AA/Black <b>14.0%</b>			
Hispanic <b>19.0%</b>				Hispanic <b>21.4%</b>			
White <b>62.3%</b>				White <b>61.9%</b>			
Other <b>4.0%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.8%</b>	<b>14.4%</b>	<b>0.4%</b>
Hispanic	<b>19.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.0%</b>	<b>14.5%</b>	<b>4.5%</b>
White	<b>62.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.3%</b>	<b>66.4%</b>	<b>-4.1%</b>
Other	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.0%</b>	<b>4.6%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	942	<b>32.4%</b>	<b>46.5%</b>	NW	192	<b>38.8%</b>	<b>37.3%</b>
White	1,550	<b>67.6%</b>	<b>53.5%</b>	White	309	<b>61.2%</b>	<b>62.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .738 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .546* sig.				Odds ratio Exp(B) <sup>7</sup> : .928 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.3%</b>	<b>9.1%</b>	<b>23.8%</b>	<b>1.8%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>56.6%</b>	<b>9.4%</b>	<b>30.3%</b>	<b>3.7%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>78.5%</b>	<b>10.0%</b>	<b>10.0%</b>	<b>1.5%</b>			
Other	<b>72.9%</b>	<b>12.1%</b>	<b>15.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-4

Total Citations <sup>1</sup> : <b>4,248</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,909)				ITP Stops <sup>3</sup> (N = 1,010)			
Mean age				Mean age			
<b>35.5</b>				<b>36.61</b>			
Gender %				Gender %			
Female <b>32.9%</b>				Female <b>30.6%</b>			
Male <b>67.0%</b>				Male <b>69.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>11.1%</b>				AA/Black <b>8.7%</b>			
Hispanic <b>20.1%</b>				Hispanic <b>19.7%</b>			
White <b>63.9%</b>				White <b>65.6%</b>			
Other <b>5.0%</b>				Other <b>6.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.1%</b>	<b>14.4%</b>	<b>-3.3%</b>
Hispanic	<b>20.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.1%</b>	<b>14.5%</b>	<b>5.6%</b>
White	<b>63.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.9%</b>	<b>66.4%</b>	<b>-2.5%</b>
Other	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.0%</b>	<b>4.6%</b>	<b>0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,348	<b>33.9%</b>	<b>40.9%</b>	NW	310	<b>34.5%</b>	<b>32.9%</b>
White	2,387	<b>66.1%</b>	<b>59.1%</b>	White	599	<b>65.5%</b>	<b>67.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .655 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .754* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.624* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.6%</b>	<b>28.0%</b>	<b>8.7%</b>	<b>0.7%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>51.0%</b>	<b>25.5%</b>	<b>21.2%</b>	<b>2.2%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>59.4%</b>	<b>34.0%</b>	<b>5.3%</b>	<b>1.4%</b>			
Other	<b>52.7%</b>	<b>38.2%</b>	<b>7.7%</b>	<b>1.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-5

Total Citations <sup>1</sup> : <b>6,423</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,266)				ITP Stops <sup>3</sup> (N = 1,650)			
Mean age				Mean age			
<b>35.24</b>				<b>35</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>26.9%</b>			
Male <b>72.2%</b>				Male <b>73.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>12.8%</b>				AA/Black <b>12.8%</b>			
Hispanic <b>19.0%</b>				Hispanic <b>21.3%</b>			
White <b>62.1%</b>				White <b>60.7%</b>			
Other <b>6.1%</b>				Other <b>5.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.8%</b>	<b>14.4%</b>	<b>-1.6%</b>
Hispanic	<b>19.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.0%</b>	<b>14.5%</b>	<b>4.5%</b>
White	<b>62.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.1%</b>	<b>66.4%</b>	<b>-4.3%</b>
Other	<b>6.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.1%</b>	<b>4.6%</b>	<b>1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,265	<b>33.9%</b>	<b>44.3%</b>	NW	566	<b>38.8%</b>	<b>39.3%</b>
White	3,734	<b>66.1%</b>	<b>55.7%</b>	White	884	<b>61.2%</b>	<b>60.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .862 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .652* sig.				Odds ratio Exp(B) <sup>7</sup> : .952 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.4%</b>	<b>18.2%</b>	<b>13.8%</b>	<b>2.6%</b>	NW	<b>47</b>	<b>N/A</b>
Hispanic	<b>62.8%</b>	<b>16.0%</b>	<b>18.2%</b>	<b>3.1%</b>	White	<b>38</b>	<b>N/A</b>
White	<b>75.1%</b>	<b>17.2%</b>	<b>5.9%</b>	<b>1.9%</b>			
Other	<b>69.6%</b>	<b>26.2%</b>	<b>4.0%</b>	<b>0.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-6

Total Citations <sup>1</sup> : <b>7,061</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,537)				ITP Stops <sup>3</sup> (N = 1,433)			
Mean age				Mean age			
<b>34.77</b>				<b>35.18</b>			
Gender %				Gender %			
Female <b>35.0%</b>				Female <b>32.4%</b>			
Male <b>65.0%</b>				Male <b>67.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>16.6%</b>				AA/Black <b>13.8%</b>			
Hispanic <b>24.3%</b>				Hispanic <b>24.3%</b>			
White <b>54.0%</b>				White <b>57.0%</b>			
Other <b>5.1%</b>				Other <b>5.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.6%</b>	<b>14.4%</b>	<b>2.2%</b>
Hispanic	<b>24.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>24.3%</b>	<b>14.5%</b>	<b>9.8%</b>
White	<b>54.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>54.0%</b>	<b>66.4%</b>	<b>-12.4%</b>
Other	<b>5.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.1%</b>	<b>4.6%</b>	<b>0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,882	<b>43.1%</b>	<b>52.4%</b>	NW	539	<b>39.7%</b>	<b>52.3%</b>
White	3,366	<b>56.9%</b>	<b>47.6%</b>	White	700	<b>60.3%</b>	<b>47.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .701* sig.				Odds ratio Exp(B) <sup>7</sup> : .592* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.5%</b>	<b>28.7%</b>	<b>13.3%</b>	<b>2.6%</b>	NW	<b>21</b>	<b>N/A</b>
Hispanic	<b>50.7%</b>	<b>30.7%</b>	<b>16.0%</b>	<b>2.6%</b>	White	<b>31</b>	<b>N/A</b>
White	<b>61.7%</b>	<b>31.9%</b>	<b>5.4%</b>	<b>1.1%</b>			
Other	<b>65.1%</b>	<b>30.3%</b>	<b>4.0%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-7

Total Citations <sup>1</sup> : <b>3,654</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,619)				ITP Stops <sup>3</sup> (N = 1,093)			
Mean age				Mean age			
<b>38.29</b>				<b>37.63</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>34.5%</b>			
Male <b>63.6%</b>				Male <b>65.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>6.1%</b>			
Hispanic <b>9.7%</b>				Hispanic <b>10.2%</b>			
White <b>80.3%</b>				White <b>80.7%</b>			
Other <b>3.0%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b>	<b>-7.5%</b>
Hispanic	<b>9.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
White	<b>80.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>80.3%</b>	<b>66.4%</b>	<b>13.9%</b>
Other	<b>3.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.0%</b>	<b>4.6%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	690	<b>18.7%</b>	<b>25.3%</b>	NW	194	<b>19.4%</b>	<b>22.8%</b>
White	2,778	<b>81.3%</b>	<b>74.7%</b>	White	772	<b>80.6%</b>	<b>77.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .293 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .681* sig.				Odds ratio Exp(B) <sup>7</sup> : .736 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.7%</b>	<b>9.9%</b>	<b>6.0%</b>	<b>2.4%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>74.7%</b>	<b>12.0%</b>	<b>10.6%</b>	<b>2.8%</b>	White	<b>15</b>	<b>N/A</b>
White	<b>91.0%</b>	<b>5.0%</b>	<b>3.5%</b>	<b>0.5%</b>			
Other	<b>90.0%</b>	<b>7.3%</b>	<b>2.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE C-9 (DEVENS)

Total Citations <sup>1</sup> : <b>534</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 515)				ITP Stops <sup>3</sup> (N = 125)			
Mean age				Mean age			
<b>39.18</b>				<b>36.85</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>30.4%</b>			
Male <b>68.4%</b>				Male <b>69.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>9.4%</b>				AA/Black <b>8.9%</b>			
Hispanic <b>20.6%</b>				Hispanic <b>17.1%</b>			
White <b>63.9%</b>				White <b>65.9%</b>			
Other <b>6.1%</b>				Other <b>8.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.4%</b>	<b>14.4%</b>	<b>-5.0%</b>
Hispanic	<b>20.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.6%</b>	<b>14.5%</b>	<b>6.1%</b>
White	<b>63.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.9%</b>	<b>66.4%</b>	<b>-2.5%</b>
Other	<b>6.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.1%</b>	<b>4.6%</b>	<b>1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	174	<b>34.9%</b>	<b>41.7%</b>	NW	34	<b>30.2%</b>	<b>45.5%</b>
White	315	<b>65.1%</b>	<b>58.3%</b>	White	73	<b>69.8%</b>	<b>54.5%</b>
Chi-square, X-tab <sup>6</sup> :		.354	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.304	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.796	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.439	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>88.2%</b>	<b>11.8%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>88.2%</b>	<b>5.5%</b>	<b>4.5%</b>	<b>1.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>93.7%</b>	<b>5.1%</b>	<b>0.9%</b>	<b>0.3%</b>			
Other	<b>87.9%</b>	<b>12.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.032 *	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-10

Total Citations <sup>1</sup> : <b>9,773</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,286)				ITP Stops <sup>3</sup> (N = 2,617)			
Mean age				Mean age			
<b>33.58</b>				<b>33.79</b>			
Gender %				Gender %			
Female <b>26.8%</b>				Female <b>27.1%</b>			
Male <b>73.1%</b>				Male <b>72.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>19.2%</b>				AA/Black <b>17.1%</b>			
Hispanic <b>21.2%</b>				Hispanic <b>19.9%</b>			
White <b>52.2%</b>				White <b>55.8%</b>			
Other <b>7.4%</b>				Other <b>7.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>19.2%</b>	<b>14.4%</b>	<b>4.8%</b>
Hispanic	<b>21.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.2%</b>	<b>14.5%</b>	<b>6.7%</b>
White	<b>52.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>52.2%</b>	<b>66.4%</b>	<b>-14.2%</b>
Other	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.4%</b>	<b>4.6%</b>	<b>2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,194	<b>45.9%</b>	<b>50.6%</b>	NW	994	<b>45.2%</b>	<b>42.2%</b>
White	4,562	<b>54.1%</b>	<b>49.4%</b>	White	1,261	<b>54.8%</b>	<b>57.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .162 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .824* sig.				Odds ratio Exp(B) <sup>7</sup> : .982 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.1%</b>	<b>27.6%</b>	<b>12.8%</b>	<b>3.5%</b>	NW	<b>63</b>	<b>N/A</b>
Hispanic	<b>50.7%</b>	<b>25.8%</b>	<b>19.6%</b>	<b>3.8%</b>	White	<b>28</b>	<b>N/A</b>
White	<b>59.7%</b>	<b>32.9%</b>	<b>5.6%</b>	<b>1.9%</b>			
Other	<b>58.1%</b>	<b>34.3%</b>	<b>5.9%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D HEADQUARTERS

Total Citations <sup>1</sup> : <b>6,761</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,665)				ITP Stops <sup>3</sup> (N = 1,716)			
Mean age				Mean age			
<b>35.12</b>				<b>33.23</b>			
Gender %				Gender %			
Female <b>34.1%</b>				Female <b>25.1%</b>			
Male <b>65.8%</b>				Male <b>74.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>20.9%</b>				AA/Black <b>22.8%</b>			
Hispanic <b>13.4%</b>				Hispanic <b>18.7%</b>			
White <b>63.3%</b>				White <b>57.0%</b>			
Other <b>2.3%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>20.9%</b>	<b>14.4%</b>	<b>6.5%</b>
Hispanic	<b>13.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>13.4%</b>	<b>14.5%</b>	<b>-1.1%</b>
White	<b>63.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.3%</b>	<b>66.4%</b>	<b>-3.1%</b>
Other	<b>2.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.3%</b>	<b>4.6%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,347	<b>34.5%</b>	<b>45.1%</b>	NW	637	<b>42.2%</b>	<b>44.8%</b>
White	4,080	<b>65.5%</b>	<b>54.9%</b>	White	840	<b>57.8%</b>	<b>55.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .339 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .654* sig.				Odds ratio Exp(B) <sup>7</sup> : .907 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>38.2%</b>	<b>50.4%</b>	<b>8.0%</b>	<b>3.3%</b>	NW	<b>84</b>	<b>54.2%</b>
Hispanic	<b>32.7%</b>	<b>51.2%</b>	<b>10.5%</b>	<b>5.5%</b>	White	<b>71</b>	<b>45.8%</b>
White	<b>40.0%</b>	<b>53.3%</b>	<b>4.6%</b>	<b>2.1%</b>			
Other	<b>23.4%</b>	<b>74.0%</b>	<b>2.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-1

Total Citations <sup>1</sup> : <b>6,380</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,953)				ITP Stops <sup>3</sup> (N = 1,684)			
Mean age				Mean age			
<b>37.88</b>				<b>37.87</b>			
Gender %				Gender %			
Female <b>35.4%</b>				Female <b>32.0%</b>			
Male <b>64.5%</b>				Male <b>68.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>8.6%</b>				AA/Black <b>6.7%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>6.2%</b>			
White <b>83.4%</b>				White <b>84.1%</b>			
Other <b>2.9%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.6%</b>	<b>14.4%</b>	<b>-5.8%</b>
Hispanic	<b>5.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
White	<b>83.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>83.4%</b>	<b>66.4%</b>	<b>17.0%</b>
Other	<b>2.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	948	<b>14.8%</b>	<b>19.5%</b>	NW	233	<b>15.9%</b>	<b>15.8%</b>
White	4,731	<b>85.2%</b>	<b>80.5%</b>	White	1,234	<b>84.1%</b>	<b>84.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .981 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .725* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.135 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.0%</b>	<b>24.8%</b>	<b>10.0%</b>	<b>3.1%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>56.0%</b>	<b>25.8%</b>	<b>13.8%</b>	<b>4.3%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>69.7%</b>	<b>23.1%</b>	<b>5.5%</b>	<b>1.7%</b>			
Other	<b>69.6%</b>	<b>24.9%</b>	<b>3.9%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-2

Total Citations <sup>1</sup> : <b>4,431</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,285)				ITP Stops <sup>3</sup> (N = 1,403)			
Mean age				Mean age			
<b>37.21</b>				<b>37.04</b>			
Gender %				Gender %			
Female <b>34.3%</b>				Female <b>30.8%</b>			
Male <b>65.7%</b>				Male <b>69.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.4%</b>				Race % Mis/Unk <sup>4</sup> <b>11.0%</b>			
AA/Black <b>11.6%</b>				AA/Black <b>10.9%</b>			
Hispanic <b>7.8%</b>				Hispanic <b>8.2%</b>			
White <b>77.9%</b>				White <b>78.9%</b>			
Other <b>2.7%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.6%</b>	<b>14.4%</b>	<b>-2.8%</b>
Hispanic	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.8%</b>	<b>14.5%</b>	<b>-6.7%</b>
White	<b>77.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>77.9%</b>	<b>66.4%</b>	<b>11.5%</b>
Other	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	856	<b>18.7%</b>	<b>28.1%</b>	NW	235	<b>20.4%</b>	<b>22.4%</b>
White	3,010	<b>81.3%</b>	<b>71.9%</b>	White	881	<b>79.6%</b>	<b>77.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .448 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .601* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.024 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.3%</b>	<b>14.7%</b>	<b>13.4%</b>	<b>2.5%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>51.1%</b>	<b>15.4%</b>	<b>25.4%</b>	<b>8.2%</b>	White	<b>20</b>	<b>N/A</b>
White	<b>74.1%</b>	<b>15.9%</b>	<b>7.9%</b>	<b>2.0%</b>			
Other	<b>75.9%</b>	<b>19.6%</b>	<b>2.7%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-3

Total Citations <sup>1</sup> : <b>10,873</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,888)				ITP Stops <sup>3</sup> (N = 2,758)			
Mean age				Mean age			
<b>34.9</b>				<b>34.7</b>			
Gender %				Gender %			
Female <b>36.9%</b>				Female <b>32.9%</b>			
Male <b>63.1%</b>				Male <b>67.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>18.2%</b>				AA/Black <b>18.5%</b>			
Hispanic <b>14.2%</b>				Hispanic <b>14.2%</b>			
White <b>65.6%</b>				White <b>65.3%</b>			
Other <b>1.9%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.2%</b>	<b>14.4%</b>	<b>3.8%</b>
Hispanic	<b>14.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.2%</b>	<b>14.5%</b>	<b>-0.3%</b>
White	<b>65.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>65.6%</b>	<b>66.4%</b>	<b>-0.8%</b>
Other	<b>1.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.9%</b>	<b>4.6%</b>	<b>-2.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,270	<b>30.3%</b>	<b>42.5%</b>	NW	861	<b>34.0%</b>	<b>37.5%</b>
White	6,202	<b>69.7%</b>	<b>57.5%</b>	White	1,588	<b>66.0%</b>	<b>62.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .086 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .603* sig.				Odds ratio Exp(B) <sup>7</sup> : .952 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.7%</b>	<b>31.3%</b>	<b>16.2%</b>	<b>6.8%</b>	NW	<b>81</b>	<b>39.3%</b>
Hispanic	<b>34.9%</b>	<b>34.4%</b>	<b>24.1%</b>	<b>6.6%</b>	White	<b>125</b>	<b>60.7%</b>
White	<b>53.3%</b>	<b>32.8%</b>	<b>10.0%</b>	<b>3.8%</b>			
Other	<b>46.8%</b>	<b>38.4%</b>	<b>12.3%</b>	<b>2.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-4

Total Citations <sup>1</sup> : <b>7,418</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,887)				ITP Stops <sup>3</sup> (N = 1,550)			
Mean age				Mean age			
<b>34.39</b>				<b>35.37</b>			
Gender %				Gender %			
Female <b>32.2%</b>				Female <b>32.3%</b>			
Male <b>67.8%</b>				Male <b>67.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>30.3%</b>				AA/Black <b>22.0%</b>			
Hispanic <b>14.9%</b>				Hispanic <b>15.4%</b>			
White <b>52.4%</b>				White <b>60.5%</b>			
Other <b>2.4%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>30.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>30.3%</b>	<b>14.4%</b>	<b>15.9%</b>
Hispanic	<b>14.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.9%</b>	<b>14.5%</b>	<b>0.4%</b>
White	<b>52.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>52.4%</b>	<b>66.4%</b>	<b>-14.0%</b>
Other	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,184	<b>42.3%</b>	<b>57.7%</b>	NW	544	<b>38.7%</b>	<b>42.3%</b>
White	3,473	<b>57.7%</b>	<b>42.3%</b>	White	823	<b>61.3%</b>	<b>57.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .218 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .541* sig.				Odds ratio Exp(B) <sup>7</sup> : .780 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.5%</b>	<b>30.8%</b>	<b>12.2%</b>	<b>4.6%</b>	NW	<b>157</b>	<b>67.4%</b>
Hispanic	<b>46.8%</b>	<b>32.7%</b>	<b>17.4%</b>	<b>3.1%</b>	White	<b>76</b>	<b>32.6%</b>
White	<b>58.2%</b>	<b>32.6%</b>	<b>6.8%</b>	<b>2.4%</b>			
Other	<b>54.3%</b>	<b>38.3%</b>	<b>5.7%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASSACHUSETTS STATE POLICE TROOP D-5

Total Citations <sup>1</sup> : <b>107</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>N/A</b>			Citations per 1000				
	Passing through: <b>N/A</b>			18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 101)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
41.35					N/A			
Gender %					Gender %			
Female 32.3%					Female N/A			
Male 67.7%					Male N/A			
Non-binary 0.0%					Non-binary N/A			
Race % Mis/Unk <sup>4</sup> 3.0%					Race % Mis/Unk <sup>4</sup> N/A			
AA/Black 8.2%					AA/Black N/A			
Hispanic 3.1%					Hispanic N/A			
White 86.7%				White N/A				
Other 2.0%				Other N/A				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	8.2%	N/A	N/A		AA/Black	8.2%	14.4%	-6.2%
Hispanic	3.1%	N/A	N/A		Hispanic	3.1%	14.5%	-11.4%
White	86.7%	N/A	N/A		White	86.7%	66.4%	20.3%
Other	2.0%	N/A	N/A		Other	2.0%	4.6%	-2.6%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	N/A	N/A	N/A		NW	N/A	N/A	N/A
White	N/A	N/A	N/A		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		N/A	N/A		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	75.0%	12.5%	12.5%	0.0%	NW	0	N/A	
Hispanic	100.0%	0.0%	0.0%	0.0%	White	0	N/A	
White	70.3%	16.5%	9.9%	3.3%				
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> : .982				not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASSACHUSETTS STATE POLICE TROOP D-6

Total Citations <sup>1</sup> : <b>806</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>N/A</b>			Citations per 1000			
	Passing through: <b>N/A</b>			18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
All Stops <sup>2</sup> (N = 801)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.54</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>24.4%</b>				Female <b>N/A</b>			
Male <b>75.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>5.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>10.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>17.0%</b>				Hispanic <b>N/A</b>			
White <b>70.5%</b>				White <b>N/A</b>			
Other <b>2.1%</b>				Other <b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>10.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.5%</b>	<b>14.4%</b>	<b>-3.9%</b>
Hispanic	<b>17.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.0%</b>	<b>14.5%</b>	<b>2.5%</b>
White	<b>70.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>70.5%</b>	<b>66.4%</b>	<b>4.1%</b>
Other	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.1%</b>	<b>4.6%</b>	<b>-2.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	220	<b>30.3%</b>	<b>26.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	516	<b>69.7%</b>	<b>73.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.474	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.937	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>7.5%</b>	<b>67.5%</b>	<b>23.8%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>3.9%</b>	<b>56.3%</b>	<b>35.9%</b>	<b>3.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>13.1%</b>	<b>76.3%</b>	<b>8.6%</b>	<b>2.1%</b>			
Other	<b>12.5%</b>	<b>81.3%</b>	<b>6.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000* sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-7

Total Citations <sup>1</sup> : <b>10,140</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,885)				ITP Stops <sup>3</sup> (N = 2,845)			
Mean age				Mean age			
<b>38.04</b>				<b>37.3</b>			
Gender %				Gender %			
Female <b>37.9%</b>				Female <b>34.7%</b>			
Male <b>62.0%</b>				Male <b>65.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>10.9%</b>				AA/Black <b>9.3%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>8.3%</b>			
White <b>79.4%</b>				White <b>80.3%</b>			
Other <b>2.2%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.9%</b>	<b>14.4%</b>	<b>-3.5%</b>
Hispanic	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>79.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>79.4%</b>	<b>66.4%</b>	<b>13.0%</b>
Other	<b>2.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.2%</b>	<b>4.6%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,946	<b>18.6%</b>	<b>26.5%</b>	NW	494	<b>18.6%</b>	<b>22.3%</b>
White	7,557	<b>81.4%</b>	<b>73.5%</b>	White	2,070	<b>81.4%</b>	<b>77.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .059 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .660* sig.				Odds ratio Exp(B) <sup>7</sup> : .710* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.1%</b>	<b>34.8%</b>	<b>8.3%</b>	<b>1.8%</b>	NW	<b>19</b>	<b>N/A</b>
Hispanic	<b>48.3%</b>	<b>37.0%</b>	<b>13.1%</b>	<b>1.6%</b>	White	<b>35</b>	<b>N/A</b>
White	<b>58.9%</b>	<b>35.9%</b>	<b>4.0%</b>	<b>1.2%</b>			
Other	<b>60.8%</b>	<b>35.0%</b>	<b>3.7%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP F HEADQUARTERS

Total Citations <sup>1</sup> : <b>592</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 549)				ITP Stops <sup>3</sup> (N = 163)			
Mean age				Mean age			
<b>37.41</b>				<b>36.99</b>			
Gender %				Gender %			
Female <b>26.7%</b>				Female <b>24.2%</b>			
Male <b>73.3%</b>				Male <b>75.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>17.3%</b>				AA/Black <b>16.3%</b>			
Hispanic <b>19.0%</b>				Hispanic <b>16.9%</b>			
White <b>55.9%</b>				White <b>58.1%</b>			
Other <b>7.8%</b>				Other <b>8.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>17.3%</b>	<b>14.4%</b>	<b>2.9%</b>
Hispanic	<b>19.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.0%</b>	<b>14.5%</b>	<b>4.5%</b>
White	<b>55.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>55.9%</b>	<b>66.4%</b>	<b>-10.5%</b>
Other	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.8%</b>	<b>4.6%</b>	<b>3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	226	<b>40.8%</b>	<b>52.9%</b>	NW	63	<b>43.3%</b>	<b>47.4%</b>
White	282	<b>59.2%</b>	<b>47.1%</b>	White	79	<b>56.7%</b>	<b>52.6%</b>
Chi-square, X-tab <sup>6</sup> : .011* sig.				Chi-square, X-tab <sup>6</sup> : .663 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .608* sig.				Odds ratio Exp(B) <sup>7</sup> : .944 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>35.6%</b>	<b>42.3%</b>	<b>18.3%</b>	<b>3.8%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>22.5%</b>	<b>56.8%</b>	<b>18.9%</b>	<b>1.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>38.9%</b>	<b>52.3%</b>	<b>5.9%</b>	<b>2.8%</b>			
Other	<b>34.1%</b>	<b>63.6%</b>	<b>2.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H HEADQUARTERS

Total Citations <sup>1</sup> : <b>344</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 329)				ITP Stops <sup>3</sup> (N = 147)			
Mean age				Mean age			
<b>34.96</b>				<b>34.99</b>			
Gender %				Gender %			
Female <b>29.9%</b>				Female <b>26.9%</b>			
Male <b>70.1%</b>				Male <b>73.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>1.5%</b>		Race %	Mis/Unk <sup>4</sup>	<b>1.4%</b>	
AA/Black	<b>28.7%</b>			AA/Black	<b>28.3%</b>		
Hispanic	<b>14.8%</b>			Hispanic	<b>12.4%</b>		
White	<b>52.5%</b>			White	<b>55.2%</b>		
Other	<b>4.0%</b>			Other	<b>4.1%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>28.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>28.7%</b>	<b>14.4%</b>	<b>14.3%</b>
Hispanic	<b>14.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.8%</b>	<b>14.5%</b>	<b>0.3%</b>
White	<b>52.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>52.5%</b>	<b>66.4%</b>	<b>-13.9%</b>
Other	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.0%</b>	<b>4.6%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	146	<b>44.3%</b>	<b>53.3%</b>	NW	59	<b>38.9%</b>	<b>55.8%</b>
White	162	<b>55.7%</b>	<b>46.7%</b>	White	74	<b>61.1%</b>	<b>44.2%</b>
Chi-square, X-tab <sup>6</sup> : .132 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .066 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .521* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .320* <i>sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.7%</b>	<b>15.2%</b>	<b>5.1%</b>	<b>10.1%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>52.8%</b>	<b>28.3%</b>	<b>5.7%</b>	<b>13.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>59.2%</b>	<b>32.8%</b>	<b>6.3%</b>	<b>1.7%</b>			
Other	<b>69.2%</b>	<b>30.8%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-2

Total Citations <sup>1</sup> : <b>5,026</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,673)				ITP Stops <sup>3</sup> (N = 1,187)			
Mean age				Mean age			
<b>35.91</b>				<b>36.09</b>			
Gender %				Gender %			
Female <b>29.6%</b>				Female <b>27.8%</b>			
Male <b>70.4%</b>				Male <b>72.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>25.4%</b>				AA/Black <b>20.3%</b>			
Hispanic <b>16.4%</b>				Hispanic <b>16.5%</b>			
White <b>49.8%</b>				White <b>56.4%</b>			
Other <b>8.4%</b>				Other <b>6.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>25.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>25.4%</b>	<b>14.4%</b>	<b>11.0%</b>
Hispanic	<b>16.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.4%</b>	<b>14.5%</b>	<b>1.9%</b>
White	<b>49.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>49.8%</b>	<b>66.4%</b>	<b>-16.6%</b>
Other	<b>8.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.4%</b>	<b>4.6%</b>	<b>3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,269	<b>43.0%</b>	<b>61.8%</b>	NW	463	<b>43.5%</b>	<b>44.2%</b>
White	2,227	<b>57.0%</b>	<b>38.2%</b>	White	597	<b>56.5%</b>	<b>55.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .838 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .465* sig.				Odds ratio Exp(B) <sup>7</sup> : .904 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.4%</b>	<b>16.8%</b>	<b>10.6%</b>	<b>2.2%</b>	NW	<b>15</b>	<b>N/A</b>
Hispanic	<b>63.9%</b>	<b>18.3%</b>	<b>15.0%</b>	<b>2.7%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>77.5%</b>	<b>18.0%</b>	<b>3.8%</b>	<b>0.7%</b>			
Other	<b>75.2%</b>	<b>22.6%</b>	<b>1.7%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-3

Total Citations <sup>1</sup> : <b>3,975</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,543)				ITP Stops <sup>3</sup> (N = 1,086)			
Mean age				Mean age			
<b>34.83</b>				<b>35.76</b>			
Gender %				Gender %			
Female <b>32.8%</b>				Female <b>31.8%</b>			
Male <b>67.1%</b>				Male <b>68.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.7%</b>			
AA/Black <b>25.1%</b>				AA/Black <b>21.0%</b>			
Hispanic <b>15.9%</b>				Hispanic <b>13.8%</b>			
White <b>54.0%</b>				White <b>60.3%</b>			
Other <b>5.0%</b>				Other <b>4.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>25.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>25.1%</b>	<b>14.4%</b>	<b>10.7%</b>
Hispanic	<b>15.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.9%</b>	<b>14.5%</b>	<b>1.4%</b>
White	<b>54.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>54.0%</b>	<b>66.4%</b>	<b>-12.4%</b>
Other	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.0%</b>	<b>4.6%</b>	<b>0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,525	<b>39.6%</b>	<b>54.5%</b>	NW	381	<b>37.8%</b>	<b>44.0%</b>
White	1,789	<b>60.4%</b>	<b>45.5%</b>	White	583	<b>62.2%</b>	<b>56.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .077 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .541* sig.				Odds ratio Exp(B) <sup>7</sup> : .863 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.4%</b>	<b>26.5%</b>	<b>12.9%</b>	<b>4.3%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>50.7%</b>	<b>27.0%</b>	<b>19.4%</b>	<b>3.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>63.6%</b>	<b>27.3%</b>	<b>7.1%</b>	<b>2.0%</b>			
Other	<b>67.7%</b>	<b>22.9%</b>	<b>6.3%</b>	<b>3.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-4

Total Citations <sup>1</sup> : <b>6,441</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,971)				ITP Stops <sup>3</sup> (N = 1,533)			
Mean age				Mean age			
<b>36.25</b>				<b>36.87</b>			
Gender %				Gender %			
Female <b>26.5%</b>				Female <b>30.0%</b>			
Male <b>73.5%</b>				Male <b>70.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>22.1%</b>				AA/Black <b>19.8%</b>			
Hispanic <b>17.5%</b>				Hispanic <b>18.8%</b>			
White <b>49.2%</b>				White <b>49.5%</b>			
Other <b>11.2%</b>				Other <b>11.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>22.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>22.1%</b>	<b>14.4%</b>	<b>7.7%</b>
Hispanic	<b>17.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.5%</b>	<b>14.5%</b>	<b>3.0%</b>
White	<b>49.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>49.2%</b>	<b>66.4%</b>	<b>-17.2%</b>
Other	<b>11.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>11.2%</b>	<b>4.6%</b>	<b>6.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,892	<b>47.7%</b>	<b>58.5%</b>	NW	695	<b>48.3%</b>	<b>58.1%</b>
White	2,780	<b>52.3%</b>	<b>41.5%</b>	White	670	<b>51.7%</b>	<b>41.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .664* sig.				Odds ratio Exp(B) <sup>7</sup> : .668* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.7%</b>	<b>24.1%</b>	<b>11.5%</b>	<b>1.7%</b>	NW	<b>19</b>	<b>N/A</b>
Hispanic	<b>58.4%</b>	<b>25.5%</b>	<b>14.5%</b>	<b>1.6%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>68.7%</b>	<b>25.9%</b>	<b>4.2%</b>	<b>1.2%</b>			
Other	<b>68.7%</b>	<b>25.2%</b>	<b>4.8%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-5

Total Citations <sup>1</sup> : <b>683</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 642)				ITP Stops <sup>3</sup> (N = 310)			
Mean age				Mean age			
<b>39.65</b>				<b>39.43</b>			
Gender %				Gender %			
Female <b>34.8%</b>				Female <b>33.7%</b>			
Male <b>65.2%</b>				Male <b>66.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>			
AA/Black <b>20.6%</b>				AA/Black <b>18.3%</b>			
Hispanic <b>14.3%</b>				Hispanic <b>14.0%</b>			
White <b>51.0%</b>				White <b>51.0%</b>			
Other <b>14.1%</b>				Other <b>16.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>20.6%</b>	<b>14.4%</b>	<b>6.2%</b>
Hispanic	<b>14.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.3%</b>	<b>14.5%</b>	<b>-0.2%</b>
White	<b>51.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>51.0%</b>	<b>66.4%</b>	<b>-15.4%</b>
Other	<b>14.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>14.1%</b>	<b>4.6%</b>	<b>9.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	293	<b>48.6%</b>	<b>50.0%</b>	NW	138	<b>47.7%</b>	<b>51.0%</b>
White	307	<b>51.4%</b>	<b>50.0%</b>	White	148	<b>52.3%</b>	<b>49.0%</b>
Chi-square, X-tab <sup>6</sup> : .805 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .670 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .932 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .833 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>2.9%</b>	<b>95.7%</b>	<b>1.4%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>1.1%</b>	<b>92.2%</b>	<b>6.7%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>8.3%</b>	<b>91.1%</b>	<b>0.6%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>97.8%</b>	<b>2.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-6

Total Citations <sup>1</sup> : <b>5,980</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,501)				ITP Stops <sup>3</sup> (N = 1,469)			
Mean age				Mean age			
<b>34.38</b>				<b>34.95</b>			
Gender %				Gender %			
Female <b>26.1%</b>				Female <b>27.0%</b>			
Male <b>73.8%</b>				Male <b>73.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>37.5%</b>				AA/Black <b>36.2%</b>			
Hispanic <b>19.2%</b>				Hispanic <b>16.7%</b>			
White <b>35.8%</b>				White <b>39.3%</b>			
Other <b>7.5%</b>				Other <b>7.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>37.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>37.5%</b>	<b>14.4%</b>	<b>23.1%</b>
Hispanic	<b>19.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.2%</b>	<b>14.5%</b>	<b>4.7%</b>
White	<b>35.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>35.8%</b>	<b>66.4%</b>	<b>-30.6%</b>
Other	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.5%</b>	<b>4.6%</b>	<b>2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,381	<b>51.8%</b>	<b>74.1%</b>	NW	779	<b>56.9%</b>	<b>66.7%</b>
White	1,866	<b>48.2%</b>	<b>25.9%</b>	White	493	<b>43.1%</b>	<b>33.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .379* sig.				Odds ratio Exp(B) <sup>7</sup> : .646* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.8%</b>	<b>11.6%</b>	<b>13.2%</b>	<b>2.4%</b>	NW	<b>59</b>	<b>N/A</b>
Hispanic	<b>71.6%</b>	<b>12.7%</b>	<b>13.0%</b>	<b>2.8%</b>	White	<b>20</b>	<b>N/A</b>
White	<b>74.2%</b>	<b>15.9%</b>	<b>7.8%</b>	<b>2.1%</b>			
Other	<b>72.1%</b>	<b>19.5%</b>	<b>6.6%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-7

Total Citations <sup>1</sup> : <b>6,477</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,669)				ITP Stops <sup>3</sup> (N = 1,438)			
Mean age				Mean age			
<b>34.98</b>				<b>35.82</b>			
Gender %				Gender %			
Female <b>29.7%</b>				Female <b>30.0%</b>			
Male <b>70.3%</b>				Male <b>70.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>44.5%</b>				AA/Black <b>40.2%</b>			
Hispanic <b>19.1%</b>				Hispanic <b>20.1%</b>			
White <b>32.5%</b>				White <b>35.7%</b>			
Other <b>3.9%</b>				Other <b>4.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>44.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>44.5%</b>	<b>14.4%</b>	<b>30.1%</b>
Hispanic	<b>19.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.1%</b>	<b>14.5%</b>	<b>4.6%</b>
White	<b>32.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>32.5%</b>	<b>66.4%</b>	<b>-33.9%</b>
Other	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.9%</b>	<b>4.6%</b>	<b>-0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,713	<b>60.0%</b>	<b>76.8%</b>	NW	836	<b>63.7%</b>	<b>67.4%</b>
White	1,773	<b>40.0%</b>	<b>23.2%</b>	White	453	<b>36.3%</b>	<b>32.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .193 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .447* sig.				Odds ratio Exp(B) <sup>7</sup> : .879 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>67.3%</b>	<b>18.7%</b>	<b>12.2%</b>	<b>1.8%</b>	NW	<b>132</b>	<b>78.6%</b>
Hispanic	<b>62.7%</b>	<b>22.4%</b>	<b>14.0%</b>	<b>0.9%</b>	White	<b>36</b>	<b>21.4%</b>
White	<b>71.8%</b>	<b>19.4%</b>	<b>7.4%</b>	<b>1.4%</b>			
Other	<b>74.1%</b>	<b>18.9%</b>	<b>6.2%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-8

Total Citations <sup>1</sup> : <b>7,777</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,387)				ITP Stops <sup>3</sup> (N = 1,395)			
Mean age				Mean age			
<b>34.29</b>				<b>36.51</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>26.2%</b>			
Male <b>72.1%</b>				Male <b>73.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>17.8%</b>				AA/Black <b>12.9%</b>			
Hispanic <b>18.6%</b>				Hispanic <b>18.6%</b>			
White <b>52.9%</b>				White <b>59.6%</b>			
Other <b>10.7%</b>				Other <b>8.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>17.8%</b>	<b>14.4%</b>	<b>3.4%</b>
Hispanic	<b>18.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.6%</b>	<b>14.5%</b>	<b>4.1%</b>
White	<b>52.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>52.9%</b>	<b>66.4%</b>	<b>-13.5%</b>
Other	<b>10.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.7%</b>	<b>4.6%</b>	<b>6.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,346	<b>46.0%</b>	<b>48.9%</b>	NW	483	<b>39.5%</b>	<b>42.3%</b>
White	3,723	<b>54.0%</b>	<b>51.1%</b>	White	712	<b>60.5%</b>	<b>57.7%</b>
Chi-square, X-tab <sup>6</sup> : .017* sig.				Chi-square, X-tab <sup>6</sup> : .345 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .887* sig.				Odds ratio Exp(B) <sup>7</sup> : .947 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.4%</b>	<b>31.7%</b>	<b>8.9%</b>	<b>1.0%</b>	NW	<b>14</b>	<b>N/A</b>
Hispanic	<b>54.5%</b>	<b>28.7%</b>	<b>15.9%</b>	<b>0.9%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>66.0%</b>	<b>29.9%</b>	<b>3.3%</b>	<b>0.8%</b>			
Other	<b>58.5%</b>	<b>37.6%</b>	<b>3.4%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-9

Total Citations <sup>1</sup> : <b>8,063</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,365)				ITP Stops <sup>3</sup> (N = 1,497)			
Mean age				Mean age			
<b>35.49</b>				<b>36.34</b>			
Gender %				Gender %			
Female <b>26.2%</b>				Female <b>22.4%</b>			
Male <b>73.7%</b>				Male <b>77.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.3%</b>			
AA/Black <b>28.4%</b>				AA/Black <b>22.4%</b>			
Hispanic <b>25.8%</b>				Hispanic <b>29.9%</b>			
White <b>37.1%</b>				White <b>40.5%</b>			
Other <b>8.7%</b>				Other <b>7.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>28.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>28.4%</b>	<b>14.4%</b>	<b>14.0%</b>
Hispanic	<b>25.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>25.8%</b>	<b>14.5%</b>	<b>11.3%</b>
White	<b>37.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>37.1%</b>	<b>66.4%</b>	<b>-29.3%</b>
Other	<b>8.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.7%</b>	<b>4.6%</b>	<b>4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,437	<b>50.3%</b>	<b>72.2%</b>	NW	785	<b>56.1%</b>	<b>65.6%</b>
White	2,598	<b>49.7%</b>	<b>27.8%</b>	White	519	<b>43.9%</b>	<b>34.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .403* sig.				Odds ratio Exp(B) <sup>7</sup> : .660* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.6%</b>	<b>18.9%</b>	<b>11.5%</b>	<b>3.0%</b>	NW	<b>27</b>	<b>N/A</b>
Hispanic	<b>57.0%</b>	<b>22.6%</b>	<b>17.0%</b>	<b>3.4%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>64.9%</b>	<b>26.1%</b>	<b>6.3%</b>	<b>2.7%</b>			
Other	<b>68.6%</b>	<b>25.6%</b>	<b>4.9%</b>	<b>0.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### All MASSACHUSETTS STATE POLICE

Total Citations <sup>1</sup> : <b>229,410</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 215,730)				ITP Stops <sup>3</sup> (N = 60,435)			
Mean age				Mean age			
<b>35.76</b>				<b>35.85</b>			
Gender %				Gender %			
Female <b>31.9%</b>				Female <b>30.5%</b>			
Male <b>68.1%</b>				Male <b>69.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>16.8%</b>				AA/Black <b>14.5%</b>			
Hispanic <b>18.6%</b>				Hispanic <b>19.2%</b>			
White <b>59.5%</b>				White <b>61.6%</b>			
Other <b>5.1%</b>				Other <b>4.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.8%</b>	<b>14.4%</b>	<b>2.4%</b>
Hispanic	<b>18.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.6%</b>	<b>14.5%</b>	<b>4.1%</b>
White	<b>59.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>59.5%</b>	<b>66.4%</b>	<b>-6.9%</b>
Other	<b>5.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.1%</b>	<b>4.6%</b>	<b>0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82,524	<b>35.3%</b>	<b>50.0%</b>	NW	20,269	<b>36.9%</b>	<b>41.7%</b>
White	120,620	<b>64.7%</b>	<b>50.0%</b>	White	32,416	<b>63.1%</b>	<b>58.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* not sig.			
Odds ratio Exp(B) <sup>7</sup> : .550* sig.				Odds ratio Exp(B) <sup>7</sup> : .793* not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.9%</b>	<b>25.7%</b>	<b>12.4%</b>	<b>2.9%</b>	NW	<b>1029</b>	<b>54.8%</b>
Hispanic	<b>52.5%</b>	<b>27.0%</b>	<b>17.4%</b>	<b>3.2%</b>	White	<b>850</b>	<b>45.2%</b>
White	<b>63.5%</b>	<b>28.8%</b>	<b>5.9%</b>	<b>1.8%</b>			
Other	<b>62.3%</b>	<b>31.9%</b>	<b>4.7%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 OTHER STATE DEPARTMENTS/AGENCIES**



## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BRIDGEWATER STATE UNIVERSITY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>113</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist: <b>N/A</b>			Citations per 1000				
	Passing through: <b>N/A</b>			18 + residents: <b>N/A</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
All Stops <sup>2</sup> (N = 109)					ITP Stops <sup>3</sup> (N = N/A)			
Mean age					Mean age			
26.16					N/A			
Gender %					Gender %			
Female 29.9%					Female N/A			
Male 70.1%					Male N/A			
Non-binary 0.0%					Non-binary N/A			
Race % Mis/Unk <sup>4</sup> 0.0%					Race % Mis/Unk <sup>4</sup> N/A			
AA/Black 19.3%					AA/Black N/A			
Hispanic 13.8%					Hispanic N/A			
White 63.3%				White N/A				
Other 3.7%				Other N/A				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
Comparative Analyses								
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif
AA/Black	19.3%	N/A	N/A		AA/Black	19.3%	14.4%	4.9%
Hispanic	13.8%	N/A	N/A		Hispanic	13.8%	14.5%	-0.7%
White	63.3%	N/A	N/A		White	63.3%	66.4%	-3.1%
Other	3.7%	N/A	N/A		Other	3.7%	4.6%	-0.9%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
VoD Analyses								
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness		Race	N	Daylight	Darkness
NW	35	27.8%	45.5%		NW	N/A	N/A	N/A
White	63	72.2%	54.5%		White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.069	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.574	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.								
Citation Outcomes by Race <sup>8</sup>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	45.5%	31.8%	22.7%	0.0%	NW	0	N/A	
Hispanic	68.8%	18.8%	12.5%	0.0%	White	0	N/A	
White	76.1%	15.5%	7.0%	1.4%				
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :				.280 not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS ENVIRONMENTAL POLICE

Total Citations <sup>1</sup> : <b>715</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 667)				ITP Stops <sup>3</sup> (N = 237)			
Mean age				Mean age			
<b>34.08</b>				<b>33.32</b>			
Gender %				Gender %			
Female <b>16.3%</b>				Female <b>15.3%</b>			
Male <b>83.7%</b>				Male <b>84.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>4.6%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>8.8%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>6.2%</b>			
White <b>83.3%</b>				White <b>84.5%</b>			
Other <b>0.5%</b>				Other <b>0.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.5%</b>	<b>14.4%</b>	<b>-6.9%</b>
Hispanic	<b>8.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
White	<b>83.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>83.3%</b>	<b>66.4%</b>	<b>16.9%</b>
Other	<b>0.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	97	<b>16.3%</b>	<b>19.4%</b>	NW	31	<b>15.2%</b>	<b>17.7%</b>
White	481	<b>83.8%</b>	<b>80.6%</b>	White	163	<b>84.8%</b>	<b>82.3%</b>
Chi-square, X-tab <sup>6</sup> : .449 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .646 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .719 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .504 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>31.4%</b>	<b>49.0%</b>	<b>17.6%</b>	<b>2.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>24.6%</b>	<b>70.2%</b>	<b>5.3%</b>	<b>0.0%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>34.5%</b>	<b>60.1%</b>	<b>4.7%</b>	<b>0.7%</b>			
Other	<b>0.0%</b>	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .005 * <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MBTA POLICE

Total Citations <sup>1</sup> : <b>204</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>N/A</b>	Citations per 1000			
	Passing through:		<b>N/A</b>	18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 178)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>41.01</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>29.0%</b>		Female		<b>N/A</b>	
Male		<b>71.0%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race	%	Mis/Unk <sup>4</sup>	<b>10.1%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black		<b>30.0%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>20.0%</b>		Hispanic		<b>N/A</b>	
White		<b>42.5%</b>		White		<b>N/A</b>	
Other		<b>7.5%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>30.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>30.0%</b>	<b>14.4%</b>	<b>15.6%</b>
Hispanic	<b>20.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.0%</b>	<b>14.5%</b>	<b>5.5%</b>
White	<b>42.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>42.5%</b>	<b>66.4%</b>	<b>-23.9%</b>
Other	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.5%</b>	<b>4.6%</b>	<b>2.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	73	<b>59.8%</b>	<b>60.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	49	<b>40.2%</b>	<b>40.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.985	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.016	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>24.1%</b>	<b>46.3%</b>	<b>27.8%</b>	<b>1.9%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>10.0%</b>	<b>47.5%</b>	<b>30.0%</b>	<b>12.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>26.9%</b>	<b>33.3%</b>	<b>30.8%</b>	<b>9.0%</b>			
Other	<b>50.0%</b>	<b>42.9%</b>	<b>7.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.049*	sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### UNIVERSITY OF MASSACHUSETTS AMHERST POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,034</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,002)				ITP Stops <sup>3</sup> (N = 440)			
Mean age				Mean age			
<b>28.08</b>				<b>27.47</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>40.9%</b>			
Male <b>58.6%</b>				Male <b>59.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>8.0%</b>				AA/Black <b>7.3%</b>			
Hispanic <b>4.7%</b>				Hispanic <b>3.4%</b>			
White <b>76.5%</b>				White <b>76.4%</b>			
Other <b>10.8%</b>				Other <b>12.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.0%</b>	<b>14.4%</b>	<b>-6.4%</b>
Hispanic	<b>4.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.7%</b>	<b>14.5%</b>	<b>-9.8%</b>
White	<b>76.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.5%</b>	<b>66.4%</b>	<b>10.1%</b>
Other	<b>10.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.8%</b>	<b>4.6%</b>	<b>6.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	222	<b>22.5%</b>	<b>27.3%</b>	NW	95	<b>25.3%</b>	<b>21.3%</b>
White	703	<b>77.5%</b>	<b>72.7%</b>	White	302	<b>74.7%</b>	<b>78.7%</b>
Chi-square, X-tab <sup>6</sup> :		.109	not sig.	Chi-square, X-tab <sup>6</sup> :		.380	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.818	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.178	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.5%</b>	<b>27.2%</b>	<b>11.1%</b>	<b>1.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>59.6%</b>	<b>27.7%</b>	<b>12.8%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>70.6%</b>	<b>25.2%</b>	<b>3.9%</b>	<b>0.4%</b>			
Other	<b>60.9%</b>	<b>28.2%</b>	<b>9.1%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.006*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### UNIVERSITY OF MASSACHUSETTS BOSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>115</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 114)				ITP Stops <sup>3</sup> (N = 58)			
Mean age				Mean age			
<b>31.34</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>19.3%</b>				Female <b>N/A</b>			
Male <b>80.7%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>19.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>54.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.3%</b>				Hispanic <b>N/A</b>			
White <b>38.0%</b>				White <b>N/A</b>			
Other <b>3.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>54.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>54.3%</b>	<b>14.4%</b>	<b>39.9%</b>
Hispanic	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
White	<b>38.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>38.0%</b>	<b>66.4%</b>	<b>-28.4%</b>
Other	<b>3.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.3%</b>	<b>4.6%</b>	<b>-1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	<b>54.3%</b>	<b>66.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	30	<b>45.7%</b>	<b>33.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.302	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.547	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>7.8%</b>	<b>33.3%</b>	<b>58.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>25.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>11.4%</b>	<b>60.0%</b>	<b>28.6%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.133	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MUNICIPAL POLICE DEPARTMENTS**

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ABINGTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>675</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.0%</b>	Citations per 1000	
	Passing through:	<b>78.0%</b>	18 + residents:	<b>50.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 431)				ITP Stops <sup>3</sup> (N = 155)			
Mean age				Mean age			
<b>36.68</b>				<b>32.99</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>26.0%</b>			
Male <b>66.0%</b>				Male <b>74.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>20.9%</b>				AA/Black <b>24.0%</b>			
Hispanic <b>2.6%</b>				Hispanic <b>1.3%</b>			
White <b>75.5%</b>				White <b>74.0%</b>			
Other <b>0.9%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.9%</b>	<b>2.0%</b>	<b>18.9%</b>	AA/Black	<b>20.9%</b>	<b>14.5%</b>	<b>6.4%</b>
Hispanic	<b>2.6%</b>	<b>2.6%</b>	<b>0.0%</b>	Hispanic	<b>2.6%</b>	<b>15.2%</b>	<b>-12.6%</b>
White	<b>75.5%</b>	<b>88.2%</b>	<b>-12.7%</b>	White	<b>75.5%</b>	<b>65.1%</b>	<b>10.4%</b>
Other	<b>0.9%</b>	<b>6.4%</b>	<b>-5.5%</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	88	<b>20.2%</b>	<b>31.4%</b>	NW	35	<b>24.7%</b>	<b>28.8%</b>
White	282	<b>79.8%</b>	<b>68.6%</b>	White	98	<b>75.3%</b>	<b>71.2%</b>
Chi-square, X-tab <sup>6</sup> : .019* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .595 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .544* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .713 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.0%</b>	<b>13.4%</b>	<b>38.6%</b>	<b>11.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>28.6%</b>	<b>21.4%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>39.4%</b>	<b>17.9%</b>	<b>34.4%</b>	<b>8.3%</b>			
Other	<b>33.3%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .480 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ACTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,596</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.7%</b>	Citations per 1000	
	Passing through:	<b>75.3%</b>	18 + residents:	<b>89.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,535)				ITP Stops <sup>3</sup> (N = 586)			
Mean age				Mean age			
<b>40.15</b>				<b>38.89</b>			
Gender %				Gender %			
Female <b>35.4%</b>				Female <b>32.8%</b>			
Male <b>64.6%</b>				Male <b>67.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>14.3%</b>				Race % Mis/Unk <sup>4</sup> <b>8.5%</b>			
AA/Black <b>8.7%</b>				AA/Black <b>9.1%</b>			
Hispanic <b>12.8%</b>				Hispanic <b>16.8%</b>			
White <b>69.4%</b>				White <b>63.1%</b>			
Other <b>9.1%</b>				Other <b>11.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.7%</b>	<b>1.5%</b>	<b>7.2%</b>	AA/Black	<b>8.7%</b>	<b>14.5%</b>	<b>-5.8%</b>
Hispanic	<b>12.8%</b>	<b>3.5%</b>	<b>9.3%</b>	Hispanic	<b>12.8%</b>	<b>15.2%</b>	<b>-2.4%</b>
White	<b>69.4%</b>	<b>66.1%</b>	<b>3.3%</b>	White	<b>69.4%</b>	<b>65.1%</b>	<b>4.3%</b>
Other	<b>9.1%</b>	<b>29.1%</b>	<b>-20.0%</b>	Other	<b>9.1%</b>	<b>5.2%</b>	<b>3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	367	<b>25.0%</b>	<b>43.1%</b>	NW	173	<b>32.6%</b>	<b>40.4%</b>
White	858	<b>75.0%</b>	<b>56.9%</b>	White	319	<b>67.4%</b>	<b>59.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .091 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .460* sig.				Odds ratio Exp(B) <sup>7</sup> : .698 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.9%</b>	<b>15.1%</b>	<b>36.1%</b>	<b>0.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>21.8%</b>	<b>14.4%</b>	<b>62.1%</b>	<b>1.7%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>58.7%</b>	<b>24.3%</b>	<b>14.3%</b>	<b>2.7%</b>			
Other	<b>64.0%</b>	<b>23.2%</b>	<b>12.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ACUSHNET POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>131</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.0%</b>	Citations per 1000	
	Passing through:	<b>62.0%</b>	18 + residents:	<b>14.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 100)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>34.88</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>28.0%</b>				Female <b>N/A</b>			
Male <b>72.0%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>18.6%</b>				AA/Black <b>N/A</b>			
Hispanic <b>5.2%</b>				Hispanic <b>N/A</b>			
White <b>76.3%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.6%</b>	<b>0.1%</b>	<b>18.5%</b>	AA/Black	<b>18.6%</b>	<b>14.5%</b>	<b>4.1%</b>
Hispanic	<b>5.2%</b>	<b>3.4%</b>	<b>1.8%</b>	Hispanic	<b>5.2%</b>	<b>15.2%</b>	<b>-10.0%</b>
White	<b>76.3%</b>	<b>88.0%</b>	<b>-11.7%</b>	White	<b>76.3%</b>	<b>65.1%</b>	<b>11.2%</b>
Other	<b>0.0%</b>	<b>4.7%</b>	<b>-4.7%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	<b>30.8%</b>	<b>22.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	64	<b>69.2%</b>	<b>77.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .409 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.520 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>18.2%</b>	<b>9.1%</b>	<b>63.6%</b>	<b>9.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>60.0%</b>	<b>40.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>38.6%</b>	<b>9.9%</b>	<b>42.6%</b>	<b>8.9%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .090 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ADAMS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>335</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.8%</b>	Citations per 1000	
	Passing through:	<b>62.2%</b>	18 + residents:	<b>50.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 286)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.66</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>40.1%</b>				Female <b>N/A</b>			
Male <b>59.9%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.4%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.2%</b>				Hispanic <b>N/A</b>			
White <b>86.7%</b>				White <b>N/A</b>			
Other <b>0.7%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.4%</b>	<b>0.9%</b>	<b>8.5%</b>	AA/Black	<b>9.4%</b>	<b>14.5%</b>	<b>-5.1%</b>
Hispanic	<b>3.2%</b>	<b>1.5%</b>	<b>1.7%</b>	Hispanic	<b>3.2%</b>	<b>15.2%</b>	<b>-12.0%</b>
White	<b>86.7%</b>	<b>95.4%</b>	<b>-8.7%</b>	White	<b>86.7%</b>	<b>65.1%</b>	<b>21.6%</b>
Other	<b>0.7%</b>	<b>2.3%</b>	<b>-1.6%</b>	Other	<b>0.7%</b>	<b>5.2%</b>	<b>-4.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	<b>10.3%</b>	<b>20.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	230	<b>89.7%</b>	<b>79.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .032* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .447* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>28.6%</b>	<b>35.7%</b>	<b>35.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>51.2%</b>	<b>22.0%</b>	<b>23.0%</b>	<b>3.8%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .207 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AGAWAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,132</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.4%</b>	Citations per 1000	
	Passing through:	<b>70.6%</b>	18 + residents:	<b>47.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,025)				ITP Stops <sup>3</sup> (N = 549)			
Mean age				Mean age			
<b>36.2</b>				<b>36.55</b>			
Gender %				Gender %			
Female <b>31.9%</b>				Female <b>32.4%</b>			
Male <b>68.1%</b>				Male <b>67.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>5.5%</b>			
Hispanic <b>14.3%</b>				Hispanic <b>11.3%</b>			
White <b>75.2%</b>				White <b>79.6%</b>			
Other <b>3.0%</b>				Other <b>3.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>2.2%</b>	<b>5.3%</b>	AA/Black	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
Hispanic	<b>14.3%</b>	<b>5.4%</b>	<b>8.9%</b>	Hispanic	<b>14.3%</b>	<b>15.2%</b>	<b>-0.9%</b>
White	<b>75.2%</b>	<b>88.9%</b>	<b>-13.7%</b>	White	<b>75.2%</b>	<b>65.1%</b>	<b>10.1%</b>
Other	<b>3.0%</b>	<b>4.1%</b>	<b>-1.1%</b>	Other	<b>3.0%</b>	<b>5.2%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	239	<b>19.3%</b>	<b>31.4%</b>	NW	102	<b>19.3%</b>	<b>23.8%</b>
White	694	<b>80.7%</b>	<b>68.6%</b>	White	389	<b>80.7%</b>	<b>76.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .258 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .553* sig.				Odds ratio Exp(B) <sup>7</sup> : .740 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.7%</b>	<b>6.7%</b>	<b>39.3%</b>	<b>2.2%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>66.9%</b>	<b>4.3%</b>	<b>23.9%</b>	<b>4.9%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>76.6%</b>	<b>5.0%</b>	<b>12.7%</b>	<b>5.6%</b>			
Other	<b>90.6%</b>	<b>3.1%</b>	<b>6.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AMESBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,210</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.1%</b>	Citations per 1000	
	Passing through:	<b>67.9%</b>	18 + residents:	<b>157</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,161)				ITP Stops <sup>3</sup> (N = 1,113)			
Mean age				Mean age			
<b>39.92</b>				<b>40.63</b>			
Gender %				Gender %			
Female <b>42.8%</b>				Female <b>42.9%</b>			
Male <b>57.1%</b>				Male <b>57.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>4.3%</b>				AA/Black <b>3.4%</b>			
Hispanic <b>6.8%</b>				Hispanic <b>7.4%</b>			
White <b>87.0%</b>				White <b>87.1%</b>			
Other <b>1.8%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>0.6%</b>	<b>3.7%</b>	AA/Black	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
Hispanic	<b>6.8%</b>	<b>2.5%</b>	<b>4.3%</b>	Hispanic	<b>6.8%</b>	<b>15.2%</b>	<b>-8.4%</b>
White	<b>87.0%</b>	<b>93.8%</b>	<b>-6.8%</b>	White	<b>87.0%</b>	<b>65.1%</b>	<b>21.9%</b>
Other	<b>1.8%</b>	<b>3.3%</b>	<b>-1.5%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	257	<b>9.6%</b>	<b>17.6%</b>	NW	122	<b>11.2%</b>	<b>14.1%</b>
White	1,737	<b>90.4%</b>	<b>82.4%</b>	White	872	<b>88.8%</b>	<b>85.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .172 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .468* sig.				Odds ratio Exp(B) <sup>7</sup> : .551* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.6%</b>	<b>9.7%</b>	<b>33.3%</b>	<b>5.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>53.1%</b>	<b>8.2%</b>	<b>34.7%</b>	<b>4.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>69.8%</b>	<b>12.3%</b>	<b>14.8%</b>	<b>3.0%</b>			
Other	<b>84.6%</b>	<b>5.1%</b>	<b>5.1%</b>	<b>5.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AMHERST POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,418</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.8%</b>	Citations per 1000	
	Passing through:	<b>72.2%</b>	18 + residents:	<b>39.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,283)				ITP Stops <sup>3</sup> (N = 512)			
Mean age				Mean age			
<b>34.7</b>				<b>34.7</b>			
Gender %				Gender %			
Female <b>42.6%</b>				Female <b>44.7%</b>			
Male <b>57.2%</b>				Male <b>54.9%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>11.6%</b>				AA/Black <b>11.4%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>2.6%</b>			
White <b>78.0%</b>				White <b>78.5%</b>			
Other <b>6.7%</b>				Other <b>7.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.6%</b>	<b>5.3%</b>	<b>6.3%</b>	AA/Black	<b>11.6%</b>	<b>14.5%</b>	<b>-2.9%</b>
Hispanic	<b>3.6%</b>	<b>7.5%</b>	<b>-3.9%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>78.0%</b>	<b>69.4%</b>	<b>8.6%</b>	White	<b>78.0%</b>	<b>65.1%</b>	<b>12.9%</b>
Other	<b>6.7%</b>	<b>19.1%</b>	<b>-12.4%</b>	Other	<b>6.7%</b>	<b>5.2%</b>	<b>1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	268	<b>18.0%</b>	<b>32.5%</b>	NW	102	<b>20.8%</b>	<b>22.4%</b>
White	945	<b>82.0%</b>	<b>67.5%</b>	White	380	<b>79.2%</b>	<b>77.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .727 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .523* sig.				Odds ratio Exp(B) <sup>7</sup> : .846 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.0%</b>	<b>3.0%</b>	<b>28.0%</b>	<b>13.1%</b>	NW	<b>22</b>	<b>N/A</b>
Hispanic	<b>32.1%</b>	<b>1.8%</b>	<b>25.0%</b>	<b>41.1%</b>	White	<b>32</b>	<b>N/A</b>
White	<b>78.7%</b>	<b>4.3%</b>	<b>9.5%</b>	<b>7.5%</b>			
Other	<b>82.4%</b>	<b>6.6%</b>	<b>6.6%</b>	<b>4.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ANDOVER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,395</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.9%</b>	Citations per 1000	
	Passing through:	<b>74.1%</b>	18 + residents:	<b>50.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,165)				ITP Stops <sup>3</sup> (N = 252)			
Mean age				Mean age			
<b>37.5</b>				<b>36.82</b>			
Gender %				Gender %			
Female <b>42.2%</b>				Female <b>36.5%</b>			
Male <b>57.6%</b>				Male <b>63.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>6.4%</b>				AA/Black <b>9.0%</b>			
Hispanic <b>26.5%</b>				Hispanic <b>31.0%</b>			
White <b>60.0%</b>				White <b>53.9%</b>			
Other <b>7.1%</b>				Other <b>6.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>2.7%</b>	<b>3.7%</b>	AA/Black	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
Hispanic	<b>26.5%</b>	<b>4.9%</b>	<b>21.6%</b>	Hispanic	<b>26.5%</b>	<b>15.2%</b>	<b>11.3%</b>
White	<b>60.0%</b>	<b>75.8%</b>	<b>-15.8%</b>	White	<b>60.0%</b>	<b>65.1%</b>	<b>-5.1%</b>
Other	<b>7.1%</b>	<b>16.9%</b>	<b>-9.8%</b>	Other	<b>7.1%</b>	<b>5.2%</b>	<b>1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	439	<b>37.7%</b>	<b>47.4%</b>	NW	104	<b>48.0%</b>	<b>41.3%</b>
White	662	<b>62.3%</b>	<b>52.6%</b>	White	124	<b>52.0%</b>	<b>58.8%</b>
Chi-square, X-tab <sup>6</sup> : .006* sig.				Chi-square, X-tab <sup>6</sup> : .331 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .672* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.157 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.2%</b>	<b>15.1%</b>	<b>22.6%</b>	<b>2.2%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>55.6%</b>	<b>25.3%</b>	<b>16.2%</b>	<b>2.9%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>74.1%</b>	<b>16.8%</b>	<b>7.2%</b>	<b>1.9%</b>			
Other	<b>82.5%</b>	<b>16.5%</b>	<b>0.0%</b>	<b>1.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ARLINGTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,314</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>43.7%</b>	Citations per 1000	
	Passing through:	<b>56.3%</b>	18 + residents:	<b>36.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,210)				ITP Stops <sup>3</sup> (N = 816)			
Mean age				Mean age			
<b>43.73</b>				<b>44.12</b>			
Gender %				Gender %			
Female <b>41.5%</b>				Female <b>41.4%</b>			
Male <b>58.5%</b>				Male <b>58.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>8.5%</b>				AA/Black <b>6.0%</b>			
Hispanic <b>7.1%</b>				Hispanic <b>7.6%</b>			
White <b>71.9%</b>				White <b>73.2%</b>			
Other <b>12.5%</b>				Other <b>13.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>3.1%</b>	<b>5.4%</b>	AA/Black	<b>8.5%</b>	<b>14.5%</b>	<b>-6.0%</b>
Hispanic	<b>7.1%</b>	<b>4.9%</b>	<b>2.2%</b>	Hispanic	<b>7.1%</b>	<b>15.2%</b>	<b>-8.1%</b>
White	<b>71.9%</b>	<b>75.8%</b>	<b>-3.9%</b>	White	<b>71.9%</b>	<b>65.1%</b>	<b>6.8%</b>
Other	<b>12.5%</b>	<b>16.2%</b>	<b>-3.7%</b>	Other	<b>12.5%</b>	<b>5.2%</b>	<b>7.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	302	<b>27.2%</b>	<b>30.6%</b>	NW	194	<b>27.3%</b>	<b>25.7%</b>
White	770	<b>72.8%</b>	<b>69.4%</b>	White	529	<b>72.7%</b>	<b>74.3%</b>
Chi-square, X-tab <sup>6</sup> :		.275	not sig.	Chi-square, X-tab <sup>6</sup> :		.668	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.816	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.052	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.1%</b>	<b>6.4%</b>	<b>10.9%</b>	<b>3.6%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>71.3%</b>	<b>5.7%</b>	<b>19.5%</b>	<b>3.4%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>91.1%</b>	<b>4.5%</b>	<b>4.3%</b>	<b>0.2%</b>			
Other	<b>95.4%</b>	<b>3.9%</b>	<b>0.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ASHBURNHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>523</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.9%</b>	Citations per 1000	
	Passing through:	<b>73.1%</b>	18 + residents:	<b>109.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 509)				ITP Stops <sup>3</sup> (N = 197)			
Mean age				Mean age			
<b>36.03</b>				<b>36.52</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>33.2%</b>			
Male <b>62.6%</b>				Male <b>66.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>4.0%</b>				AA/Black <b>4.1%</b>			
Hispanic <b>4.4%</b>				Hispanic <b>4.1%</b>			
White <b>90.8%</b>				White <b>90.7%</b>			
Other <b>0.8%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>1.1%</b>	<b>2.9%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>4.4%</b>	<b>1.7%</b>	<b>2.7%</b>	Hispanic	<b>4.4%</b>	<b>15.2%</b>	<b>-10.8%</b>
White	<b>90.8%</b>	<b>95.9%</b>	<b>-5.1%</b>	White	<b>90.8%</b>	<b>65.1%</b>	<b>25.7%</b>
Other	<b>0.8%</b>	<b>1.5%</b>	<b>-0.7%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	44	<b>6.5%</b>	<b>18.9%</b>	NW	17	<b>6.1%</b>	<b>16.4%</b>
White	434	<b>93.5%</b>	<b>81.1%</b>	White	159	<b>93.9%</b>	<b>83.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .028* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .260* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .374 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>25.0%</b>	<b>15.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>45.5%</b>	<b>31.8%</b>	<b>22.7%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>61.1%</b>	<b>30.4%</b>	<b>7.7%</b>	<b>0.9%</b>			
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .479 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ASHBY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>318</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.0%</b>	Citations per 1000	
	Passing through:	<b>88.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 300)				ITP Stops <sup>3</sup> (N = 157)			
Mean age				Mean age			
<b>36.74</b>				<b>34.07</b>			
Gender %				Gender %			
Female <b>37.0%</b>				Female <b>31.8%</b>			
Male <b>62.7%</b>				Male <b>67.5%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.6%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>3.1%</b>				AA/Black <b>2.6%</b>			
Hispanic <b>9.5%</b>				Hispanic <b>11.7%</b>			
White <b>86.1%</b>				White <b>84.4%</b>			
Other <b>1.4%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
Hispanic	<b>9.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.5%</b>	<b>15.2%</b>	<b>-5.7%</b>
White	<b>86.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.1%</b>	<b>65.1%</b>	<b>21.0%</b>
Other	<b>1.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	<b>12.4%</b>	<b>20.8%</b>	NW	22	<b>13.1%</b>	<b>23.7%</b>
White	239	<b>87.6%</b>	<b>79.2%</b>	White	115	<b>86.9%</b>	<b>76.3%</b>
Chi-square, X-tab <sup>6</sup> : .117 not sig.				Chi-square, X-tab <sup>6</sup> : .132 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .517 not sig.				Odds ratio Exp(B) <sup>7</sup> : .489 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>0.0%</b>	<b>22.2%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>7.1%</b>	<b>35.7%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>79.8%</b>	<b>12.9%</b>	<b>7.4%</b>	<b>0.0%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ASHLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,189</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.1%</b>	Citations per 1000	
	Passing through:	<b>70.9%</b>	18 + residents:	<b>85.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,150)				ITP Stops <sup>3</sup> (N = 551)			
Mean age				Mean age			
<b>36.17</b>				<b>35.66</b>			
Gender %				Gender %			
Female <b>32.4%</b>				Female <b>32.8%</b>			
Male <b>67.6%</b>				Male <b>67.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>4.0%</b>			
AA/Black <b>5.2%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>13.5%</b>				Hispanic <b>13.0%</b>			
White <b>75.6%</b>				White <b>77.1%</b>			
Other <b>5.7%</b>				Other <b>5.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.2%</b>	<b>2.2%</b>	<b>3.0%</b>	AA/Black	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
Hispanic	<b>13.5%</b>	<b>7.0%</b>	<b>6.5%</b>	Hispanic	<b>13.5%</b>	<b>15.2%</b>	<b>-1.7%</b>
White	<b>75.6%</b>	<b>77.9%</b>	<b>-2.3%</b>	White	<b>75.6%</b>	<b>65.1%</b>	<b>10.5%</b>
Other	<b>5.7%</b>	<b>13.4%</b>	<b>-7.7%</b>	Other	<b>5.7%</b>	<b>5.2%</b>	<b>0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	261	<b>23.5%</b>	<b>26.9%</b>	NW	114	<b>20.9%</b>	<b>28.4%</b>
White	785	<b>76.5%</b>	<b>73.1%</b>	White	366	<b>79.1%</b>	<b>71.6%</b>
Chi-square, X-tab <sup>6</sup> :		.196	not sig.	Chi-square, X-tab <sup>6</sup> :		.059	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.018	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.886	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>67.2%</b>	<b>11.5%</b>	<b>13.1%</b>	<b>8.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>55.2%</b>	<b>22.1%</b>	<b>15.6%</b>	<b>7.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>74.9%</b>	<b>12.3%</b>	<b>8.6%</b>	<b>4.2%</b>			
Other	<b>76.1%</b>	<b>11.9%</b>	<b>3.0%</b>	<b>9.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ATHOL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>340</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>43.5%</b>	Citations per 1000	
	Passing through:	<b>56.5%</b>	18 + residents:	<b>36.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 271)				ITP Stops <sup>3</sup> (N = 120)			
Mean age				Mean age			
<b>37.48</b>				<b>36.72</b>			
Gender %				Gender %			
Female <b>39.5%</b>				Female <b>33.1%</b>			
Male <b>60.5%</b>				Male <b>66.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.4%</b>				Race % Mis/Unk <sup>4</sup> <b>7.5%</b>			
AA/Black <b>5.2%</b>				AA/Black <b>2.7%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>1.8%</b>			
White <b>90.4%</b>				White <b>93.7%</b>			
Other <b>0.8%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.2%</b>	<b>1.1%</b>	<b>4.1%</b>	AA/Black	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
Hispanic	<b>3.6%</b>	<b>5.4%</b>	<b>-1.8%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>90.4%</b>	<b>90.1%</b>	<b>0.3%</b>	White	<b>90.4%</b>	<b>65.1%</b>	<b>25.3%</b>
Other	<b>0.8%</b>	<b>3.6%</b>	<b>-2.8%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	<b>8.4%</b>	<b>12.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	201	<b>91.6%</b>	<b>87.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.324	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.393	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.5%</b>	<b>6.3%</b>	<b>37.5%</b>	<b>18.8%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>40.0%</b>	<b>30.0%</b>	<b>10.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>58.8%</b>	<b>13.1%</b>	<b>22.1%</b>	<b>5.9%</b>			
Other	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>50.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.012*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ATTLEBORO POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>4,522</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>42.5%</b>	Citations per 1000	
	Passing through:	<b>57.5%</b>	18 + residents:	<b>127.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,871)				ITP Stops <sup>3</sup> (N = 479)			
Mean age				Mean age			
<b>39.17</b>				<b>35.52</b>			
Gender %				Gender %			
Female <b>42.5%</b>				Female <b>36.0%</b>			
Male <b>57.5%</b>				Male <b>64.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>12.5%</b>				AA/Black <b>15.3%</b>			
Hispanic <b>10.7%</b>				Hispanic <b>12.1%</b>			
White <b>72.2%</b>				White <b>68.6%</b>			
Other <b>4.6%</b>				Other <b>4.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.5%</b>	<b>4.4%</b>	<b>8.1%</b>	AA/Black	<b>12.5%</b>	<b>14.5%</b>	<b>-2.0%</b>
Hispanic	<b>10.7%</b>	<b>6.6%</b>	<b>4.1%</b>	Hispanic	<b>10.7%</b>	<b>15.2%</b>	<b>-4.5%</b>
White	<b>72.2%</b>	<b>83.2%</b>	<b>-11.0%</b>	White	<b>72.2%</b>	<b>65.1%</b>	<b>7.1%</b>
Other	<b>4.6%</b>	<b>6.1%</b>	<b>-1.5%</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,060	<b>26.9%</b>	<b>37.9%</b>	NW	138	<b>30.1%</b>	<b>34.3%</b>
White	2,746	<b>73.1%</b>	<b>62.1%</b>	White	297	<b>69.9%</b>	<b>65.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .354 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .597* sig.				Odds ratio Exp(B) <sup>7</sup> : .621 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>23.6%</b>	<b>17.9%</b>	<b>1.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>55.1%</b>	<b>28.6%</b>	<b>15.0%</b>	<b>1.2%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>71.7%</b>	<b>19.8%</b>	<b>7.6%</b>	<b>0.9%</b>			
Other	<b>72.6%</b>	<b>24.5%</b>	<b>2.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AUBURN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,546</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.3%</b>	Citations per 1000	
	Passing through:	<b>86.7%</b>	18 + residents:	<b>115.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,493)				ITP Stops <sup>3</sup> (N = 384)			
Mean age				Mean age			
<b>38.32</b>				<b>37.19</b>			
Gender %				Gender %			
Female <b>37.7%</b>				Female <b>32.3%</b>			
Male <b>62.3%</b>				Male <b>67.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>8.3%</b>				AA/Black <b>7.4%</b>			
Hispanic <b>9.3%</b>				Hispanic <b>12.2%</b>			
White <b>79.9%</b>				White <b>78.0%</b>			
Other <b>2.5%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.3%</b>	<b>0.9%</b>	<b>7.4%</b>	AA/Black	<b>8.3%</b>	<b>14.5%</b>	<b>-6.2%</b>
Hispanic	<b>9.3%</b>	<b>4.6%</b>	<b>4.7%</b>	Hispanic	<b>9.3%</b>	<b>15.2%</b>	<b>-5.9%</b>
White	<b>79.9%</b>	<b>91.5%</b>	<b>-11.6%</b>	White	<b>79.9%</b>	<b>65.1%</b>	<b>14.8%</b>
Other	<b>2.5%</b>	<b>3.5%</b>	<b>-1.0%</b>	Other	<b>2.5%</b>	<b>5.2%</b>	<b>-2.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	283	<b>19.1%</b>	<b>23.9%</b>	NW	78	<b>20.0%</b>	<b>26.1%</b>
White	1,129	<b>80.9%</b>	<b>76.1%</b>	White	269	<b>80.0%</b>	<b>73.9%</b>
Chi-square, X-tab <sup>6</sup> :		.066	not sig.	Chi-square, X-tab <sup>6</sup> :		.184	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.702*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.664	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.5%</b>	<b>20.2%</b>	<b>8.9%</b>	<b>2.4%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>63.4%</b>	<b>13.8%</b>	<b>15.9%</b>	<b>6.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>71.0%</b>	<b>17.5%</b>	<b>6.9%</b>	<b>4.6%</b>			
Other	<b>81.1%</b>	<b>16.2%</b>	<b>0.0%</b>	<b>2.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.006*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AVON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>578</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>4.0%</b>	Citations per 1000	
	Passing through:	<b>96.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 573)				ITP Stops <sup>3</sup> (N = 218)			
Mean age				Mean age			
<b>36.9</b>				<b>37.8</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>36.6%</b>			
Male <b>64.7%</b>				Male <b>63.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>52.2%</b>		Race %	Mis/Unk <sup>4</sup>	<b>44.5%</b>	
AA/Black <b>57.7%</b>				AA/Black <b>59.5%</b>			
Hispanic <b>16.4%</b>				Hispanic <b>16.5%</b>			
White <b>24.8%</b>				White <b>23.1%</b>			
Other <b>1.1%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>57.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>57.7%</b>	<b>14.5%</b>	<b>43.2%</b>
Hispanic	<b>16.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.4%</b>	<b>15.2%</b>	<b>1.2%</b>
White	<b>24.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>24.8%</b>	<b>65.1%</b>	<b>-40.3%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	191	<b>72.2%</b>	<b>80.3%</b>	NW	78	<b>77.5%</b>	<b>69.6%</b>
White	65	<b>27.8%</b>	<b>19.7%</b>	White	25	<b>22.5%</b>	<b>30.4%</b>
Chi-square, X-tab <sup>6</sup> : .177 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .434 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .611 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.487 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.2%</b>	<b>8.8%</b>	<b>5.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>80.4%</b>	<b>6.5%</b>	<b>13.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>77.1%</b>	<b>8.6%</b>	<b>10.0%</b>	<b>4.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .123 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### AYER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,371</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.5%</b>	Citations per 1000	
	Passing through:	<b>83.5%</b>	18 + residents:	<b>206.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,326)				ITP Stops <sup>3</sup> (N = 338)			
Mean age				Mean age			
<b>37.4</b>				<b>37.18</b>			
Gender %				Gender %			
Female <b>30.5%</b>				Female <b>31.3%</b>			
Male <b>69.5%</b>				Male <b>68.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>8.4%</b>				AA/Black <b>10.3%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>9.1%</b>			
White <b>78.4%</b>				White <b>73.9%</b>			
Other <b>4.6%</b>				Other <b>6.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.4%</b>	<b>4.3%</b>	<b>4.1%</b>	AA/Black	<b>8.4%</b>	<b>14.5%</b>	<b>-6.1%</b>
Hispanic	<b>8.6%</b>	<b>5.7%</b>	<b>2.9%</b>	Hispanic	<b>8.6%</b>	<b>15.2%</b>	<b>-6.6%</b>
White	<b>78.4%</b>	<b>82.4%</b>	<b>-4.0%</b>	White	<b>78.4%</b>	<b>65.1%</b>	<b>13.3%</b>
Other	<b>4.6%</b>	<b>7.5%</b>	<b>-2.9%</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	250	<b>19.9%</b>	<b>25.8%</b>	NW	75	<b>28.1%</b>	<b>23.2%</b>
White	909	<b>80.1%</b>	<b>74.2%</b>	White	216	<b>71.9%</b>	<b>76.8%</b>
Chi-square, X-tab <sup>6</sup> : .027* sig.				Chi-square, X-tab <sup>6</sup> : .338 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .654* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.123 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.2%</b>	<b>17.7%</b>	<b>16.8%</b>	<b>5.3%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>57.4%</b>	<b>21.3%</b>	<b>15.7%</b>	<b>5.6%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>71.0%</b>	<b>18.8%</b>	<b>7.6%</b>	<b>2.6%</b>			
Other	<b>81.0%</b>	<b>17.2%</b>	<b>1.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BARNSTABLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,588</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>4.0%</b>	Citations per 1000	
	Passing through:	<b>96.0%</b>	18 + residents:	<b>97.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,279)				ITP Stops <sup>3</sup> (N = 995)			
Mean age				Mean age			
<b>41.59</b>				<b>39.17</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>38.1%</b>			
Male <b>62.4%</b>				Male <b>61.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.3%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>9.5%</b>				AA/Black <b>9.8%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>6.4%</b>			
White <b>82.7%</b>				White <b>82.8%</b>			
Other <b>1.1%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.5%</b>	<b>5.8%</b>	<b>3.7%</b>	AA/Black	<b>9.5%</b>	<b>14.5%</b>	<b>-5.0%</b>
Hispanic	<b>6.7%</b>	<b>5.9%</b>	<b>0.8%</b>	Hispanic	<b>6.7%</b>	<b>15.2%</b>	<b>-8.5%</b>
White	<b>82.7%</b>	<b>84.3%</b>	<b>-1.6%</b>	White	<b>82.7%</b>	<b>65.1%</b>	<b>17.6%</b>
Other	<b>1.1%</b>	<b>3.1%</b>	<b>-2.0%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	519	<b>16.2%</b>	<b>24.5%</b>	NW	155	<b>17.3%</b>	<b>18.9%</b>
White	2,477	<b>83.8%</b>	<b>75.5%</b>	White	732	<b>82.7%</b>	<b>81.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .668 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .639* sig.				Odds ratio Exp(B) <sup>7</sup> : .576 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>53.8%</b>	<b>17.7%</b>	<b>24.6%</b>	<b>3.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>30.2%</b>	<b>26.7%</b>	<b>39.2%</b>	<b>3.9%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>68.0%</b>	<b>14.4%</b>	<b>13.9%</b>	<b>3.7%</b>			
Other	<b>57.1%</b>	<b>28.6%</b>	<b>11.4%</b>	<b>2.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BARRE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>642</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.8%</b>	Citations per 1000	
	Passing through:	<b>73.2%</b>	18 + residents:	<b>143.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 631)				ITP Stops <sup>3</sup> (N = 270)			
Mean age				Mean age			
<b>36.09</b>				<b>36.32</b>			
Gender %				Gender %			
Female <b>30.2%</b>				Female <b>30.3%</b>			
Male <b>69.8%</b>				Male <b>69.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>5.3%</b>				AA/Black <b>2.3%</b>			
Hispanic <b>7.6%</b>				Hispanic <b>7.6%</b>			
White <b>85.5%</b>				White <b>88.6%</b>			
Other <b>1.6%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.3%</b>	<b>2.2%</b>	<b>3.1%</b>	AA/Black	<b>5.3%</b>	<b>14.5%</b>	<b>-9.2%</b>
Hispanic	<b>7.6%</b>	<b>2.4%</b>	<b>5.2%</b>	Hispanic	<b>7.6%</b>	<b>15.2%</b>	<b>-7.6%</b>
White	<b>85.5%</b>	<b>93.8%</b>	<b>-8.3%</b>	White	<b>85.5%</b>	<b>65.1%</b>	<b>20.4%</b>
Other	<b>1.6%</b>	<b>3.1%</b>	<b>-1.5%</b>	Other	<b>1.6%</b>	<b>5.2%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	84	<b>15.3%</b>	<b>13.8%</b>	NW	24	<b>12.4%</b>	<b>9.1%</b>
White	496	<b>84.7%</b>	<b>86.2%</b>	White	202	<b>87.6%</b>	<b>90.9%</b>
Chi-square, X-tab <sup>6</sup> : .626 not sig.				Chi-square, X-tab <sup>6</sup> : .423 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .978 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.437 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>44.1%</b>	<b>14.7%</b>	<b>35.3%</b>	<b>5.9%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>22.9%</b>	<b>12.5%</b>	<b>64.6%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>56.8%</b>	<b>10.8%</b>	<b>24.1%</b>	<b>8.3%</b>			
Other	<b>70.0%</b>	<b>10.0%</b>	<b>20.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BECKETT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>140</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 130)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>41.91</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>33.6%</b>				Female <b>N/A</b>			
Male <b>65.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.8%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>14.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>2.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>6.3%</b>				Hispanic <b>N/A</b>			
White <b>89.2%</b>				White <b>N/A</b>			
Other <b>1.8%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
Hispanic	<b>6.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>6.3%</b>	<b>15.2%</b>	<b>-8.9%</b>
White	<b>89.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.2%</b>	<b>65.1%</b>	<b>24.1%</b>
Other	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>42.9%</b>	<b>57.1%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>53.7%</b>	<b>28.7%</b>	<b>15.7%</b>	<b>1.9%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.493	not sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BEDFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,076</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.3%</b>	Citations per 1000	
	Passing through:	<b>76.7%</b>	18 + residents:	<b>196</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,979)				ITP Stops <sup>3</sup> (N = 846)			
Mean age				Mean age			
<b>40.54</b>				<b>39.44</b>			
Gender %				Gender %			
Female <b>40.2%</b>				Female <b>37.8%</b>			
Male <b>59.7%</b>				Male <b>62.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>7.7%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>9.1%</b>				Hispanic <b>9.5%</b>			
White <b>65.6%</b>				White <b>65.2%</b>			
Other <b>17.6%</b>				Other <b>18.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.7%</b>	<b>4.1%</b>	<b>3.6%</b>	AA/Black	<b>7.7%</b>	<b>14.5%</b>	<b>-6.8%</b>
Hispanic	<b>9.1%</b>	<b>3.8%</b>	<b>5.3%</b>	Hispanic	<b>9.1%</b>	<b>15.2%</b>	<b>-6.1%</b>
White	<b>65.6%</b>	<b>74.2%</b>	<b>-8.6%</b>	White	<b>65.6%</b>	<b>65.1%</b>	<b>0.5%</b>
Other	<b>17.6%</b>	<b>18.4%</b>	<b>-0.8%</b>	Other	<b>17.6%</b>	<b>5.2%</b>	<b>12.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	628	<b>32.5%</b>	<b>39.7%</b>	NW	256	<b>35.4%</b>	<b>34.1%</b>
White	1,197	<b>67.5%</b>	<b>60.3%</b>	White	477	<b>64.6%</b>	<b>65.9%</b>
Chi-square, X-tab <sup>6</sup> : .004* sig.				Chi-square, X-tab <sup>6</sup> : .722 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .704* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.130 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.3%</b>	<b>10.7%</b>	<b>17.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>59.1%</b>	<b>10.5%</b>	<b>27.1%</b>	<b>3.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>84.5%</b>	<b>9.8%</b>	<b>3.7%</b>	<b>2.0%</b>			
Other	<b>81.5%</b>	<b>14.2%</b>	<b>3.7%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BELCHERTOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,459</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.5%</b>	Citations per 1000	
	Passing through:	<b>67.5%</b>	18 + residents:	<b>125</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,414)				ITP Stops <sup>3</sup> (N = 649)			
Mean age				Mean age			
<b>36.36</b>				<b>35.78</b>			
Gender %				Gender %			
Female <b>39.9%</b>				Female <b>37.2%</b>			
Male <b>60.1%</b>				Male <b>62.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>6.3%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>4.3%</b>				Hispanic <b>3.6%</b>			
White <b>86.4%</b>				White <b>89.8%</b>			
Other <b>3.0%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.3%</b>	<b>0.6%</b>	<b>5.7%</b>	AA/Black	<b>6.3%</b>	<b>14.5%</b>	<b>-8.2%</b>
Hispanic	<b>4.3%</b>	<b>1.4%</b>	<b>2.9%</b>	Hispanic	<b>4.3%</b>	<b>15.2%</b>	<b>-10.9%</b>
White	<b>86.4%</b>	<b>91.9%</b>	<b>-5.5%</b>	White	<b>86.4%</b>	<b>65.1%</b>	<b>21.3%</b>
Other	<b>3.0%</b>	<b>5.9%</b>	<b>-2.9%</b>	Other	<b>3.0%</b>	<b>5.2%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	179	<b>12.7%</b>	<b>16.0%</b>	NW	58	<b>10.0%</b>	<b>10.6%</b>
White	1,112	<b>87.3%</b>	<b>84.0%</b>	White	508	<b>90.0%</b>	<b>89.4%</b>
Chi-square, X-tab <sup>6</sup> :		.100	not sig.	Chi-square, X-tab <sup>6</sup> :		.805	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.791	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.904	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.3%</b>	<b>7.7%</b>	<b>7.7%</b>	<b>3.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>78.7%</b>	<b>6.6%</b>	<b>11.5%</b>	<b>3.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>84.9%</b>	<b>10.2%</b>	<b>3.5%</b>	<b>1.4%</b>			
Other	<b>81.4%</b>	<b>7.0%</b>	<b>9.3%</b>	<b>2.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.021*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BELLINGHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,185</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.7%</b>	Citations per 1000	
	Passing through:	<b>74.3%</b>	18 + residents:	<b>88</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,085)				ITP Stops <sup>3</sup> (N = 350)			
Mean age				Mean age			
<b>34.6</b>				<b>33.92</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>35.9%</b>			
Male <b>62.7%</b>				Male <b>64.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>4.0%</b>			
AA/Black <b>11.9%</b>				AA/Black <b>12.5%</b>			
Hispanic <b>4.7%</b>				Hispanic <b>4.5%</b>			
White <b>80.4%</b>				White <b>79.2%</b>			
Other <b>2.9%</b>				Other <b>3.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.9%</b>	<b>1.9%</b>	<b>10.0%</b>	AA/Black	<b>11.9%</b>	<b>14.5%</b>	<b>-2.6%</b>
Hispanic	<b>4.7%</b>	<b>4.0%</b>	<b>0.7%</b>	Hispanic	<b>4.7%</b>	<b>15.2%</b>	<b>-10.5%</b>
White	<b>80.4%</b>	<b>91.4%</b>	<b>-11.0%</b>	White	<b>80.4%</b>	<b>65.1%</b>	<b>15.3%</b>
Other	<b>2.9%</b>	<b>2.8%</b>	<b>0.1%</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	191	<b>18.5%</b>	<b>22.7%</b>	NW	62	<b>23.1%</b>	<b>17.4%</b>
White	778	<b>81.5%</b>	<b>77.3%</b>	White	239	<b>76.9%</b>	<b>82.6%</b>
Chi-square, X-tab <sup>6</sup> :		.143	not sig.	Chi-square, X-tab <sup>6</sup> :		.229	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.724	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.332	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>43.9%</b>	<b>31.1%</b>	<b>23.5%</b>	<b>1.5%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>33.9%</b>	<b>30.4%</b>	<b>33.9%</b>	<b>1.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>47.9%</b>	<b>34.2%</b>	<b>14.0%</b>	<b>3.9%</b>			
Other	<b>54.8%</b>	<b>35.5%</b>	<b>9.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.002 *	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BELMONT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>330</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.0%</b>	Citations per 1000	
	Passing through:	<b>78.0%</b>	18 + residents:	<b>16.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 296)				ITP Stops <sup>3</sup> (N = 142)			
Mean age				Mean age			
<b>43.88</b>				<b>43.64</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>28.1%</b>			
Male <b>67.4%</b>				Male <b>71.9%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>4.2%</b>			
AA/Black <b>7.0%</b>				AA/Black <b>5.1%</b>			
Hispanic <b>9.1%</b>				Hispanic <b>5.9%</b>			
White <b>62.9%</b>				White <b>66.2%</b>			
Other <b>21.0%</b>				Other <b>22.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.0%</b>	<b>1.5%</b>	<b>5.5%</b>	AA/Black	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
Hispanic	<b>9.1%</b>	<b>4.3%</b>	<b>4.8%</b>	Hispanic	<b>9.1%</b>	<b>15.2%</b>	<b>-6.1%</b>
White	<b>62.9%</b>	<b>73.2%</b>	<b>-10.3%</b>	White	<b>62.9%</b>	<b>65.1%</b>	<b>-2.2%</b>
Other	<b>21.0%</b>	<b>21.3%</b>	<b>-0.3%</b>	Other	<b>21.0%</b>	<b>5.2%</b>	<b>15.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	97	<b>34.0%</b>	<b>45.6%</b>	NW	37	<b>31.0%</b>	<b>31.3%</b>
White	169	<b>66.0%</b>	<b>54.4%</b>	White	82	<b>69.0%</b>	<b>68.8%</b>
Chi-square, X-tab <sup>6</sup> :		.106	not sig.	Chi-square, X-tab <sup>6</sup> :		.982	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.602	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.954	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.6%</b>	<b>13.0%</b>	<b>13.0%</b>	<b>4.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>10.7%</b>	<b>21.4%</b>	<b>10.7%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>85.6%</b>	<b>5.4%</b>	<b>7.9%</b>	<b>1.0%</b>			
Other	<b>86.4%</b>	<b>10.6%</b>	<b>3.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BERKLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>140</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.0%</b>	Citations per 1000	
	Passing through:	<b>100.0%</b>	18 + residents:	<b>27</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 118)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>33.5</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>34.7%</b>				Female <b>N/A</b>			
Male <b>65.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.0%</b>				Hispanic <b>N/A</b>			
White <b>89.7%</b>				White <b>N/A</b>			
Other <b>0.9%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.5%</b>	<b>0.3%</b>	<b>9.2%</b>	AA/Black	<b>9.5%</b>	<b>14.5%</b>	<b>-5.0%</b>
Hispanic	<b>0.0%</b>	<b>0.1%</b>	<b>-0.1%</b>	Hispanic	<b>0.0%</b>	<b>15.2%</b>	<b>-15.2%</b>
White	<b>89.7%</b>	<b>96.3%</b>	<b>-6.6%</b>	White	<b>89.7%</b>	<b>65.1%</b>	<b>24.6%</b>
Other	<b>0.9%</b>	<b>1.9%</b>	<b>-1.0%</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>20.0%</b>	<b>40.0%</b>	<b>6.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>30.3%</b>	<b>35.2%</b>	<b>26.2%</b>	<b>8.2%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.696	not sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BERLIN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>794</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.8%</b>	Citations per 1000	
	Passing through:	<b>92.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 761)				ITP Stops <sup>3</sup> (N = 228)			
Mean age				Mean age			
<b>39.04</b>				<b>36.92</b>			
Gender %				Gender %			
Female <b>38.2%</b>				Female <b>44.3%</b>			
Male <b>61.8%</b>				Male <b>55.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>3.5%</b>				AA/Black <b>3.6%</b>			
Hispanic <b>15.3%</b>				Hispanic <b>22.7%</b>			
White <b>78.8%</b>				White <b>70.7%</b>			
Other <b>2.4%</b>				Other <b>3.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
Hispanic	<b>15.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.3%</b>	<b>15.2%</b>	<b>0.1%</b>
White	<b>78.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>78.8%</b>	<b>65.1%</b>	<b>13.7%</b>
Other	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	151	<b>18.2%</b>	<b>39.5%</b>	NW	59	<b>24.7%</b>	<b>41.3%</b>
White	577	<b>81.8%</b>	<b>60.5%</b>	White	149	<b>75.3%</b>	<b>58.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .027* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .288* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .447 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.5%</b>	<b>23.1%</b>	<b>15.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>51.2%</b>	<b>19.8%</b>	<b>28.9%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>69.8%</b>	<b>23.9%</b>	<b>5.7%</b>	<b>0.7%</b>			
Other	<b>88.9%</b>	<b>11.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BEVERLY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,924</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.1%</b>	Citations per 1000	
	Passing through:	<b>67.9%</b>	18 + residents:	<b>55.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,801)				ITP Stops <sup>3</sup> (N = 620)			
Mean age				Mean age			
<b>39.45</b>				<b>38.33</b>			
Gender %				Gender %			
Female <b>45.6%</b>				Female <b>41.8%</b>			
Male <b>54.3%</b>				Male <b>58.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.8%</b>				Race % Mis/Unk <sup>4</sup> <b>4.8%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>3.9%</b>			
Hispanic <b>7.6%</b>				Hispanic <b>8.1%</b>			
White <b>85.5%</b>				White <b>85.4%</b>			
Other <b>2.9%</b>				Other <b>2.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>2.1%</b>	<b>1.9%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>7.6%</b>	<b>5.1%</b>	<b>2.5%</b>	Hispanic	<b>7.6%</b>	<b>15.2%</b>	<b>-7.6%</b>
White	<b>85.5%</b>	<b>88.5%</b>	<b>-3.0%</b>	White	<b>85.5%</b>	<b>65.1%</b>	<b>20.4%</b>
Other	<b>2.9%</b>	<b>5.1%</b>	<b>-2.2%</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	222	<b>12.9%</b>	<b>18.4%</b>	NW	71	<b>13.0%</b>	<b>14.4%</b>
White	1,376	<b>87.1%</b>	<b>81.6%</b>	White	457	<b>87.0%</b>	<b>85.6%</b>
Chi-square, X-tab <sup>6</sup> : .015* sig.				Chi-square, X-tab <sup>6</sup> : .672 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .691* sig.				Odds ratio Exp(B) <sup>7</sup> : .875 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>11.7%</b>	<b>29.9%</b>	<b>1.3%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>57.3%</b>	<b>16.1%</b>	<b>21.7%</b>	<b>4.9%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>73.7%</b>	<b>16.7%</b>	<b>8.3%</b>	<b>1.4%</b>			
Other	<b>78.8%</b>	<b>15.4%</b>	<b>5.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BILLERICA POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,315</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.0%</b>	Citations per 1000	
	Passing through:	<b>62.0%</b>	18 + residents:	<b>94.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,211)				ITP Stops <sup>3</sup> (N = 934)			
Mean age				Mean age			
<b>37.68</b>				<b>37.63</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>34.8%</b>			
Male <b>65.4%</b>				Male <b>64.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.0%</b>				Race % Mis/Unk <sup>4</sup> <b>10.3%</b>			
AA/Black <b>8.7%</b>				AA/Black <b>9.2%</b>			
Hispanic <b>11.3%</b>				Hispanic <b>10.3%</b>			
White <b>72.7%</b>				White <b>73.5%</b>			
Other <b>7.3%</b>				Other <b>7.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.7%</b>	<b>4.8%</b>	<b>3.9%</b>	AA/Black	<b>8.7%</b>	<b>14.5%</b>	<b>-5.8%</b>
Hispanic	<b>11.3%</b>	<b>4.5%</b>	<b>6.8%</b>	Hispanic	<b>11.3%</b>	<b>15.2%</b>	<b>-3.9%</b>
White	<b>72.7%</b>	<b>81.8%</b>	<b>-9.1%</b>	White	<b>72.7%</b>	<b>65.1%</b>	<b>7.6%</b>
Other	<b>7.3%</b>	<b>9.4%</b>	<b>-2.1%</b>	Other	<b>7.3%</b>	<b>5.2%</b>	<b>2.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	779	<b>26.2%</b>	<b>33.2%</b>	NW	196	<b>24.2%</b>	<b>33.1%</b>
White	2,081	<b>73.8%</b>	<b>66.8%</b>	White	553	<b>75.8%</b>	<b>66.9%</b>
Chi-square, X-tab <sup>6</sup> : .004* sig.				Chi-square, X-tab <sup>6</sup> : .022* sig.			
Odds ratio Exp(B) <sup>7</sup> : .731* sig.				Odds ratio Exp(B) <sup>7</sup> : .618 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.2%</b>	<b>28.4%</b>	<b>12.5%</b>	<b>1.9%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>44.4%</b>	<b>29.1%</b>	<b>22.3%</b>	<b>4.2%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>59.2%</b>	<b>33.0%</b>	<b>7.1%</b>	<b>0.7%</b>			
Other	<b>63.5%</b>	<b>27.9%</b>	<b>7.2%</b>	<b>1.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BLACKSTONE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>396</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>54.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 371)				ITP Stops <sup>3</sup> (N = 164)			
Mean age				Mean age			
<b>34.64</b>				<b>33.94</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>30.0%</b>			
Male <b>65.4%</b>				Male <b>70.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>3.0%</b>			
Hispanic <b>16.3%</b>				Hispanic <b>17.1%</b>			
White <b>76.2%</b>				White <b>78.7%</b>			
Other <b>0.8%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>1.2%</b>	<b>5.6%</b>	AA/Black	<b>6.8%</b>	<b>14.5%</b>	<b>-7.7%</b>
Hispanic	<b>16.3%</b>	<b>2.4%</b>	<b>13.9%</b>	Hispanic	<b>16.3%</b>	<b>15.2%</b>	<b>1.1%</b>
White	<b>76.2%</b>	<b>93.5%</b>	<b>-17.3%</b>	White	<b>76.2%</b>	<b>65.1%</b>	<b>11.1%</b>
Other	<b>0.8%</b>	<b>3.1%</b>	<b>-2.3%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82	<b>19.7%</b>	<b>30.1%</b>	NW	30	<b>14.3%</b>	<b>33.3%</b>
White	270	<b>80.3%</b>	<b>69.9%</b>	White	120	<b>85.7%</b>	<b>66.7%</b>
Chi-square, X-tab <sup>6</sup> : .027* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .008* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .641 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .310 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.0%</b>	<b>8.0%</b>	<b>28.0%</b>	<b>12.0%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>15.9%</b>	<b>17.5%</b>	<b>61.9%</b>	<b>4.8%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>55.4%</b>	<b>16.5%</b>	<b>24.8%</b>	<b>3.3%</b>			
Other	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOLTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,743</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.1%</b>	Citations per 1000	
	Passing through:	<b>92.9%</b>	18 + residents:	<b>449.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,689)				ITP Stops <sup>3</sup> (N = 595)			
Mean age				Mean age			
<b>37.18</b>				<b>36.74</b>			
Gender %				Gender %			
Female <b>33.4%</b>				Female <b>32.3%</b>			
Male <b>66.6%</b>				Male <b>67.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>8.0%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>19.5%</b>				Hispanic <b>24.5%</b>			
White <b>69.7%</b>				White <b>66.7%</b>			
Other <b>2.8%</b>				Other <b>2.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.0%</b>	<b>0.3%</b>	<b>7.7%</b>	AA/Black	<b>8.0%</b>	<b>14.5%</b>	<b>-6.5%</b>
Hispanic	<b>19.5%</b>	<b>1.4%</b>	<b>18.1%</b>	Hispanic	<b>19.5%</b>	<b>15.2%</b>	<b>4.3%</b>
White	<b>69.7%</b>	<b>92.5%</b>	<b>-22.8%</b>	White	<b>69.7%</b>	<b>65.1%</b>	<b>4.6%</b>
Other	<b>2.8%</b>	<b>6.5%</b>	<b>-3.7%</b>	Other	<b>2.8%</b>	<b>5.2%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	483	<b>26.5%</b>	<b>40.2%</b>	NW	178	<b>32.4%</b>	<b>39.6%</b>
White	1,097	<b>73.5%</b>	<b>59.8%</b>	White	336	<b>67.6%</b>	<b>60.4%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.111	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.544*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.613*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.2%</b>	<b>16.4%</b>	<b>21.6%</b>	<b>0.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>37.7%</b>	<b>15.7%</b>	<b>43.5%</b>	<b>3.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>72.3%</b>	<b>15.2%</b>	<b>10.9%</b>	<b>1.6%</b>			
Other	<b>66.7%</b>	<b>18.8%</b>	<b>14.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOURNE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,919</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.2%</b>	Citations per 1000	
	Passing through:	<b>87.8%</b>	18 + residents:	<b>170.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,673)				ITP Stops <sup>3</sup> (N = 1,043)			
Mean age				Mean age			
<b>39.59</b>				<b>39.95</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>32.5%</b>			
Male <b>63.8%</b>				Male <b>67.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>10.5%</b>				AA/Black <b>10.0%</b>			
Hispanic <b>1.7%</b>				Hispanic <b>1.7%</b>			
White <b>87.0%</b>				White <b>87.5%</b>			
Other <b>0.8%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>1.3%</b>	<b>9.2%</b>	AA/Black	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
Hispanic	<b>1.7%</b>	<b>2.7%</b>	<b>-1.0%</b>	Hispanic	<b>1.7%</b>	<b>15.2%</b>	<b>-13.5%</b>
White	<b>87.0%</b>	<b>88.5%</b>	<b>-1.5%</b>	White	<b>87.0%</b>	<b>65.1%</b>	<b>21.9%</b>
Other	<b>0.8%</b>	<b>5.7%</b>	<b>-4.9%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	318	<b>10.2%</b>	<b>15.8%</b>	NW	115	<b>12.1%</b>	<b>13.3%</b>
White	2,164	<b>89.8%</b>	<b>84.2%</b>	White	796	<b>87.9%</b>	<b>86.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .577 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .589* sig.				Odds ratio Exp(B) <sup>7</sup> : .694 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.5%</b>	<b>10.9%</b>	<b>13.2%</b>	<b>2.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>50.9%</b>	<b>7.5%</b>	<b>30.2%</b>	<b>11.3%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>79.4%</b>	<b>10.3%</b>	<b>7.7%</b>	<b>2.6%</b>			
Other	<b>87.0%</b>	<b>8.7%</b>	<b>0.0%</b>	<b>4.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOXBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>135</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.5%</b>	Citations per 1000	
	Passing through:	<b>83.5%</b>	18 + residents:	<b>30</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 127)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.76</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>32.1%</b>				Female <b>N/A</b>			
Male <b>67.9%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>9.4%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>7.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>17.4%</b>				Hispanic <b>N/A</b>			
White <b>66.1%</b>				White <b>N/A</b>			
Other <b>9.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.0%</b>	<b>0.7%</b>	<b>6.3%</b>	AA/Black	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
Hispanic	<b>17.4%</b>	<b>5.1%</b>	<b>12.3%</b>	Hispanic	<b>17.4%</b>	<b>15.2%</b>	<b>2.2%</b>
White	<b>66.1%</b>	<b>73.4%</b>	<b>-7.3%</b>	White	<b>66.1%</b>	<b>65.1%</b>	<b>1.0%</b>
Other	<b>9.6%</b>	<b>21.1%</b>	<b>-11.5%</b>	Other	<b>9.6%</b>	<b>5.2%</b>	<b>4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	<b>36.0%</b>	<b>25.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	72	<b>64.0%</b>	<b>75.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .350 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.672 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>22.2%</b>	<b>44.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>19.0%</b>	<b>9.5%</b>	<b>57.1%</b>	<b>14.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>33.3%</b>	<b>14.8%</b>	<b>44.4%</b>	<b>7.4%</b>			
Other	<b>58.3%</b>	<b>0.0%</b>	<b>41.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .378 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOXFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>404</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.3%</b>	Citations per 1000	
	Passing through:	<b>93.7%</b>	18 + residents:	<b>65.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 394)				ITP Stops <sup>3</sup> (N = 115)			
Mean age				Mean age			
<b>37.68</b>				<b>35.79</b>			
Gender %				Gender %			
Female <b>24.6%</b>				Female <b>29.4%</b>			
Male <b>75.4%</b>				Male <b>70.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>69.8%</b>				Race % Mis/Unk <sup>4</sup> <b>67.8%</b>			
AA/Black <b>0.8%</b>				AA/Black <b>24.3%</b>			
Hispanic <b>16.8%</b>				Hispanic <b>0.0%</b>			
White <b>81.5%</b>				White <b>75.7%</b>			
Other <b>0.8%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.8%</b>	<b>0.0%</b>	<b>0.8%</b>	AA/Black	<b>0.8%</b>	<b>14.5%</b>	<b>-13.7%</b>
Hispanic	<b>16.8%</b>	<b>2.5%</b>	<b>14.3%</b>	Hispanic	<b>16.8%</b>	<b>15.2%</b>	<b>1.6%</b>
White	<b>81.5%</b>	<b>93.0%</b>	<b>-11.5%</b>	White	<b>81.5%</b>	<b>65.1%</b>	<b>16.4%</b>
Other	<b>0.8%</b>	<b>5.8%</b>	<b>-5.0%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>55.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>37.9%</b>	<b>46.6%</b>	<b>12.6%</b>	<b>2.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.242	not sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOYLSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>406</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.7%</b>	Citations per 1000	
	Passing through:	<b>93.3%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 386)				ITP Stops <sup>3</sup> (N = 110)			
Mean age				Mean age			
<b>33.76</b>				<b>33.93</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>36.1%</b>			
Male <b>63.3%</b>				Male <b>63.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>13.5%</b>				Race % Mis/Unk <sup>4</sup> <b>23.6%</b>			
AA/Black <b>10.2%</b>				AA/Black <b>11.9%</b>			
Hispanic <b>23.1%</b>				Hispanic <b>26.2%</b>			
White <b>62.9%</b>				White <b>59.5%</b>			
Other <b>3.9%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.2%</b>	<b>14.5%</b>	<b>-4.3%</b>
Hispanic	<b>23.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>23.1%</b>	<b>15.2%</b>	<b>7.9%</b>
White	<b>62.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.9%</b>	<b>65.1%</b>	<b>-2.2%</b>
Other	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.9%</b>	<b>5.2%</b>	<b>-1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	120	<b>36.0%</b>	<b>39.8%</b>	NW	31	<b>48.5%</b>	<b>36.6%</b>
White	202	<b>64.0%</b>	<b>60.2%</b>	White	43	<b>51.5%</b>	<b>63.4%</b>
Chi-square, X-tab <sup>6</sup> :		.502	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.302	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.837	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.382	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.5%</b>	<b>21.6%</b>	<b>37.8%</b>	<b>0.0%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>38.6%</b>	<b>8.4%</b>	<b>49.4%</b>	<b>3.6%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>64.4%</b>	<b>9.6%</b>	<b>25.6%</b>	<b>0.5%</b>			
Other	<b>61.5%</b>	<b>15.4%</b>	<b>23.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BRAINTREE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>355</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.7%</b>	Citations per 1000	
	Passing through:	<b>75.3%</b>	18 + residents:	<b>12.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 264)				ITP Stops <sup>3</sup> (N = 104)			
Mean age				Mean age			
<b>36.45</b>				<b>36.15</b>			
Gender %				Gender %			
Female <b>29.0%</b>				Female <b>29.1%</b>			
Male <b>71.0%</b>				Male <b>70.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.2%</b>				Race % Mis/Unk <sup>4</sup> <b>8.7%</b>			
AA/Black <b>24.5%</b>				AA/Black <b>25.3%</b>			
Hispanic <b>10.2%</b>				Hispanic <b>12.6%</b>			
White <b>56.3%</b>				White <b>53.7%</b>			
Other <b>9.0%</b>				Other <b>8.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>24.5%</b>	<b>3.0%</b>	<b>21.5%</b>	AA/Black	<b>24.5%</b>	<b>14.5%</b>	<b>10.0%</b>
Hispanic	<b>10.2%</b>	<b>2.1%</b>	<b>8.1%</b>	Hispanic	<b>10.2%</b>	<b>15.2%</b>	<b>-5.0%</b>
White	<b>56.3%</b>	<b>79.4%</b>	<b>-23.1%</b>	White	<b>56.3%</b>	<b>65.1%</b>	<b>-8.8%</b>
Other	<b>9.0%</b>	<b>15.6%</b>	<b>-6.6%</b>	Other	<b>9.0%</b>	<b>5.2%</b>	<b>3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	100	<b>39.8%</b>	<b>50.5%</b>	NW	38	<b>45.1%</b>	<b>51.7%</b>
White	124	<b>60.2%</b>	<b>49.5%</b>	White	42	<b>54.9%</b>	<b>48.3%</b>
Chi-square, X-tab <sup>6</sup> :		.110	not sig.	Chi-square, X-tab <sup>6</sup> :		.568	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.617	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.891	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>28.6%</b>	<b>4.3%</b>	<b>58.6%</b>	<b>8.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>37.2%</b>	<b>9.3%</b>	<b>46.5%</b>	<b>7.0%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>36.9%</b>	<b>8.4%</b>	<b>42.5%</b>	<b>12.3%</b>			
Other	<b>70.6%</b>	<b>14.7%</b>	<b>14.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BREWSTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>376</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.4%</b>	Citations per 1000	
	Passing through:	<b>63.6%</b>	18 + residents:	<b>46</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 316)				ITP Stops <sup>3</sup> (N = 125)			
Mean age				Mean age			
<b>41</b>				<b>37.29</b>			
Gender %				Gender %			
Female <b>42.9%</b>				Female <b>38.7%</b>			
Male <b>57.1%</b>				Male <b>61.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>8.7%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>2.9%</b>				Hispanic <b>0.8%</b>			
White <b>86.5%</b>				White <b>90.4%</b>			
Other <b>1.9%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.7%</b>	<b>1.0%</b>	<b>7.7%</b>	AA/Black	<b>8.7%</b>	<b>14.5%</b>	<b>-5.8%</b>
Hispanic	<b>2.9%</b>	<b>2.2%</b>	<b>0.7%</b>	Hispanic	<b>2.9%</b>	<b>15.2%</b>	<b>-12.3%</b>
White	<b>86.5%</b>	<b>94.7%</b>	<b>-8.2%</b>	White	<b>86.5%</b>	<b>65.1%</b>	<b>21.4%</b>
Other	<b>1.9%</b>	<b>2.5%</b>	<b>-0.6%</b>	Other	<b>1.9%</b>	<b>5.2%</b>	<b>-3.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	<b>10.2%</b>	<b>21.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	252	<b>89.8%</b>	<b>78.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.012*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.450*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>76.7%</b>	<b>10.0%</b>	<b>10.0%</b>	<b>3.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>0.0%</b>	<b>20.0%</b>	<b>13.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>75.7%</b>	<b>8.2%</b>	<b>9.1%</b>	<b>6.9%</b>			
Other	<b>85.7%</b>	<b>14.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.704	not sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BRIDGEWATER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,328</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.0%</b>	Citations per 1000	
	Passing through:	<b>71.0%</b>	18 + residents:	<b>103</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,152)				ITP Stops <sup>3</sup> (N = 822)			
Mean age				Mean age			
<b>34.87</b>				<b>36.18</b>			
Gender %				Gender %			
Female <b>35.1%</b>				Female <b>33.5%</b>			
Male <b>64.8%</b>				Male <b>66.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>17.1%</b>				AA/Black <b>13.9%</b>			
Hispanic <b>6.0%</b>				Hispanic <b>4.6%</b>			
White <b>75.0%</b>				White <b>79.7%</b>			
Other <b>1.8%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.1%</b>	<b>8.6%</b>	<b>8.5%</b>	AA/Black	<b>17.1%</b>	<b>14.5%</b>	<b>2.6%</b>
Hispanic	<b>6.0%</b>	<b>3.9%</b>	<b>2.1%</b>	Hispanic	<b>6.0%</b>	<b>15.2%</b>	<b>-9.2%</b>
White	<b>75.0%</b>	<b>83.5%</b>	<b>-8.5%</b>	White	<b>75.0%</b>	<b>65.1%</b>	<b>9.9%</b>
Other	<b>1.8%</b>	<b>4.7%</b>	<b>-2.9%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	504	<b>22.2%</b>	<b>29.5%</b>	NW	142	<b>18.8%</b>	<b>21.7%</b>
White	1,513	<b>77.8%</b>	<b>70.5%</b>	White	575	<b>81.2%</b>	<b>78.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .356 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .707* sig.				Odds ratio Exp(B) <sup>7</sup> : .913 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>71.5%</b>	<b>9.1%</b>	<b>15.1%</b>	<b>4.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>64.9%</b>	<b>9.0%</b>	<b>23.1%</b>	<b>3.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>82.9%</b>	<b>5.5%</b>	<b>7.5%</b>	<b>4.1%</b>			
Other	<b>83.3%</b>	<b>7.1%</b>	<b>9.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BRIMFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>104</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.6%</b>	Citations per 1000	
	Passing through:	<b>90.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 94)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.76</b>				<b>N/A</b>			
Gender	%			Gender	%		
Female		<b>34.4%</b>		Female		<b>N/A</b>	
Male		<b>65.6%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race	%	Mis/Unk <sup>4</sup>	<b>3.2%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black		<b>5.5%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>11.0%</b>		Hispanic		<b>N/A</b>	
White		<b>82.4%</b>		White		<b>N/A</b>	
Other		<b>1.1%</b>		Other		<b>N/A</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.5%</b>	<b>14.5%</b>	<b>-9.0%</b>
Hispanic	<b>11.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.0%</b>	<b>15.2%</b>	<b>-4.2%</b>
White	<b>82.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.4%</b>	<b>65.1%</b>	<b>17.3%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>0.0%</b>	<b>60.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>27.3%</b>	<b>0.0%</b>	<b>72.7%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>53.6%</b>	<b>21.4%</b>	<b>20.2%</b>	<b>4.8%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.032 *	sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BROCKTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,594</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>58.5%</b>	Citations per 1000	
	Passing through:	<b>41.5%</b>	18 + residents:	<b>50.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,531)				ITP Stops <sup>3</sup> (N = 931)			
Mean age				Mean age			
<b>37.37</b>				<b>36.95</b>			
Gender %				Gender %			
Female <b>34.4%</b>				Female <b>37.8%</b>			
Male <b>65.6%</b>				Male <b>62.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>68.2%</b>				AA/Black <b>72.5%</b>			
Hispanic <b>2.4%</b>				Hispanic <b>2.1%</b>			
White <b>28.9%</b>				White <b>25.1%</b>			
Other <b>0.4%</b>				Other <b>0.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>68.2%</b>	<b>45.6%</b>	<b>22.6%</b>	AA/Black	<b>68.2%</b>	<b>14.5%</b>	<b>53.7%</b>
Hispanic	<b>2.4%</b>	<b>11.1%</b>	<b>-8.7%</b>	Hispanic	<b>2.4%</b>	<b>15.2%</b>	<b>-12.8%</b>
White	<b>28.9%</b>	<b>30.8%</b>	<b>-1.9%</b>	White	<b>28.9%</b>	<b>65.1%</b>	<b>-36.2%</b>
Other	<b>0.4%</b>	<b>6.0%</b>	<b>-5.6%</b>	Other	<b>0.4%</b>	<b>5.2%</b>	<b>-4.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,547	<b>69.3%</b>	<b>75.1%</b>	NW	626	<b>74.9%</b>	<b>73.0%</b>
White	641	<b>30.7%</b>	<b>24.9%</b>	White	216	<b>25.1%</b>	<b>27.0%</b>
Chi-square, X-tab <sup>6</sup> :		.009*	sig.	Chi-square, X-tab <sup>6</sup> :		.579	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.733*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.014	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>46.3%</b>	<b>33.2%</b>	<b>17.3%</b>	<b>3.2%</b>	NW	<b>28</b>	<b>N/A</b>
Hispanic	<b>28.3%</b>	<b>32.3%</b>	<b>34.3%</b>	<b>5.1%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>54.1%</b>	<b>29.5%</b>	<b>15.7%</b>	<b>0.7%</b>			
Other	<b>38.9%</b>	<b>38.9%</b>	<b>22.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BROOKFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>157</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.3%</b>	Citations per 1000	
	Passing through:	<b>82.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 150)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>34.61</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>40.7%</b>				Female <b>N/A</b>			
Male <b>59.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.4%</b>				Hispanic <b>N/A</b>			
White <b>86.5%</b>				White <b>N/A</b>			
Other <b>1.4%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.7%</b>	<b>14.5%</b>	<b>-9.8%</b>
Hispanic	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.4%</b>	<b>15.2%</b>	<b>-7.8%</b>
White	<b>86.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.5%</b>	<b>65.1%</b>	<b>21.4%</b>
Other	<b>1.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	20	<b>14.5%</b>	<b>13.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	121	<b>85.5%</b>	<b>86.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .911 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.076 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>12.5%</b>	<b>25.0%</b>	<b>12.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>83.3%</b>	<b>0.0%</b>	<b>8.3%</b>	<b>8.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>72.2%</b>	<b>7.5%</b>	<b>16.5%</b>	<b>3.8%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .381 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BROOKLINE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,837</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.4%</b>	Citations per 1000	
	Passing through:	<b>88.4%</b>	18 + residents:	<b>59</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,706)				ITP Stops <sup>3</sup> (N = 1,148)			
Mean age				Mean age			
<b>40.8</b>				<b>39.5</b>			
Gender %				Gender %			
Female <b>37.1%</b>				Female <b>40.1%</b>			
Male <b>62.8%</b>				Male <b>59.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>19.8%</b>				AA/Black <b>19.6%</b>			
Hispanic <b>13.0%</b>				Hispanic <b>13.3%</b>			
White <b>54.1%</b>				White <b>54.1%</b>			
Other <b>13.2%</b>				Other <b>13.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.8%</b>	<b>3.2%</b>	<b>16.6%</b>	AA/Black	<b>19.8%</b>	<b>14.5%</b>	<b>5.3%</b>
Hispanic	<b>13.0%</b>	<b>6.8%</b>	<b>6.2%</b>	Hispanic	<b>13.0%</b>	<b>15.2%</b>	<b>-2.2%</b>
White	<b>54.1%</b>	<b>68.0%</b>	<b>-13.9%</b>	White	<b>54.1%</b>	<b>65.1%</b>	<b>-11.0%</b>
Other	<b>13.2%</b>	<b>22.6%</b>	<b>-9.4%</b>	Other	<b>13.2%</b>	<b>5.2%</b>	<b>8.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,153	<b>43.5%</b>	<b>54.1%</b>	NW	480	<b>43.4%</b>	<b>52.6%</b>
White	1,344	<b>56.5%</b>	<b>45.9%</b>	White	560	<b>56.6%</b>	<b>47.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .007* sig.			
Odds ratio Exp(B) <sup>7</sup> : .651* sig.				Odds ratio Exp(B) <sup>7</sup> : .595* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.0%</b>	<b>14.2%</b>	<b>4.4%</b>	<b>0.4%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>74.2%</b>	<b>20.4%</b>	<b>4.9%</b>	<b>0.5%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>82.1%</b>	<b>15.3%</b>	<b>2.4%</b>	<b>0.2%</b>			
Other	<b>83.7%</b>	<b>14.9%</b>	<b>1.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BURLINGTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,715</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.1%</b>	Citations per 1000	
	Passing through:	<b>74.9%</b>	18 + residents:	<b>119.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,659)				ITP Stops <sup>3</sup> (N = 1,012)			
Mean age				Mean age			
<b>41.66</b>				<b>40.65</b>			
Gender %				Gender %			
Female <b>43.7%</b>				Female <b>39.3%</b>			
Male <b>56.3%</b>				Male <b>60.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>8.3%</b>				AA/Black <b>8.7%</b>			
Hispanic <b>7.2%</b>				Hispanic <b>8.3%</b>			
White <b>70.7%</b>				White <b>67.1%</b>			
Other <b>13.9%</b>				Other <b>15.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.3%</b>	<b>4.5%</b>	<b>3.8%</b>	AA/Black	<b>8.3%</b>	<b>14.5%</b>	<b>-6.2%</b>
Hispanic	<b>7.2%</b>	<b>3.1%</b>	<b>4.1%</b>	Hispanic	<b>7.2%</b>	<b>15.2%</b>	<b>-8.0%</b>
White	<b>70.7%</b>	<b>71.5%</b>	<b>-0.8%</b>	White	<b>70.7%</b>	<b>65.1%</b>	<b>5.6%</b>
Other	<b>13.9%</b>	<b>21.0%</b>	<b>-7.1%</b>	Other	<b>13.9%</b>	<b>5.2%</b>	<b>8.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	740	<b>27.1%</b>	<b>38.8%</b>	NW	308	<b>33.2%</b>	<b>35.3%</b>
White	1,751	<b>72.9%</b>	<b>61.2%</b>	White	601	<b>66.8%</b>	<b>64.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .534 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .582* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.089 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>84.9%</b>	<b>5.8%</b>	<b>7.6%</b>	<b>1.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>77.4%</b>	<b>4.2%</b>	<b>16.3%</b>	<b>2.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>90.2%</b>	<b>6.0%</b>	<b>3.3%</b>	<b>0.5%</b>			
Other	<b>90.0%</b>	<b>7.6%</b>	<b>2.2%</b>	<b>0.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CAMBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>4,569</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>43.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,332)				ITP Stops <sup>3</sup> (N = 2,018)			
Mean age				Mean age			
<b>40.28</b>				<b>39.63</b>			
Gender %				Gender %			
Female <b>33.6%</b>				Female <b>33.1%</b>			
Male <b>66.3%</b>				Male <b>66.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>19.2%</b>				AA/Black <b>19.1%</b>			
Hispanic <b>12.1%</b>				Hispanic <b>12.4%</b>			
White <b>54.0%</b>				White <b>52.5%</b>			
Other <b>14.8%</b>				Other <b>16.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.2%</b>	<b>10.7%</b>	<b>8.5%</b>	AA/Black	<b>19.2%</b>	<b>14.5%</b>	<b>4.7%</b>
Hispanic	<b>12.1%</b>	<b>9.5%</b>	<b>2.6%</b>	Hispanic	<b>12.1%</b>	<b>15.2%</b>	<b>-3.1%</b>
White	<b>54.0%</b>	<b>59.8%</b>	<b>-5.8%</b>	White	<b>54.0%</b>	<b>65.1%</b>	<b>-11.1%</b>
Other	<b>14.8%</b>	<b>21.4%</b>	<b>-6.6%</b>	Other	<b>14.8%</b>	<b>5.2%</b>	<b>9.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,794	<b>42.9%</b>	<b>53.4%</b>	NW	848	<b>45.1%</b>	<b>50.9%</b>
White	2,134	<b>57.1%</b>	<b>46.6%</b>	White	962	<b>54.9%</b>	<b>49.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .024* sig.			
Odds ratio Exp(B) <sup>7</sup> : .639* sig.				Odds ratio Exp(B) <sup>7</sup> : .736* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.3%</b>	<b>17.3%</b>	<b>12.5%</b>	<b>1.9%</b>	NW	<b>15</b>	<b>N/A</b>
Hispanic	<b>63.9%</b>	<b>21.0%</b>	<b>12.8%</b>	<b>2.3%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>73.0%</b>	<b>21.6%</b>	<b>5.1%</b>	<b>0.4%</b>			
Other	<b>76.2%</b>	<b>19.1%</b>	<b>3.9%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CANTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,617</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.4%</b>	Citations per 1000	
	Passing through:	<b>71.6%</b>	18 + residents:	<b>194.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,583)				ITP Stops <sup>3</sup> (N = 1,806)			
Mean age				Mean age			
<b>40.11</b>				<b>39.97</b>			
Gender %				Gender %			
Female <b>44.7%</b>				Female <b>44.1%</b>			
Male <b>55.2%</b>				Male <b>55.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.9%</b>				Race % Mis/Unk <sup>4</sup> <b>11.4%</b>			
AA/Black <b>30.5%</b>				AA/Black <b>29.5%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>2.7%</b>			
White <b>60.9%</b>				White <b>62.5%</b>			
Other <b>5.0%</b>				Other <b>5.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>30.5%</b>	<b>5.2%</b>	<b>25.3%</b>	AA/Black	<b>30.5%</b>	<b>14.5%</b>	<b>16.0%</b>
Hispanic	<b>3.6%</b>	<b>4.1%</b>	<b>-0.5%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>60.9%</b>	<b>80.9%</b>	<b>-20.0%</b>	White	<b>60.9%</b>	<b>65.1%</b>	<b>-4.2%</b>
Other	<b>5.0%</b>	<b>9.3%</b>	<b>-4.3%</b>	Other	<b>5.0%</b>	<b>5.2%</b>	<b>-0.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,158	<b>34.5%</b>	<b>49.0%</b>	NW	515	<b>33.1%</b>	<b>44.7%</b>
White	1,805	<b>65.5%</b>	<b>51.0%</b>	White	863	<b>66.9%</b>	<b>55.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .555* sig.				Odds ratio Exp(B) <sup>7</sup> : .603* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>89.7%</b>	<b>3.6%</b>	<b>5.8%</b>	<b>0.9%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>85.2%</b>	<b>0.9%</b>	<b>13.0%</b>	<b>0.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>95.4%</b>	<b>1.6%</b>	<b>2.4%</b>	<b>0.6%</b>			
Other	<b>97.5%</b>	<b>1.3%</b>	<b>0.0%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CARVER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>116</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>33.8%</b>	Citations per 1000	
	Passing through:	<b>66.2%</b>	18 + residents:	<b>12.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 71)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.79</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>34.3%</b>				Female <b>N/A</b>			
Male <b>65.7%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>8.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.1%</b>				Hispanic <b>N/A</b>			
White <b>93.8%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.1%</b>	<b>0.5%</b>	<b>2.6%</b>	AA/Black	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
Hispanic	<b>3.1%</b>	<b>2.4%</b>	<b>0.7%</b>	Hispanic	<b>3.1%</b>	<b>15.2%</b>	<b>-12.1%</b>
White	<b>93.8%</b>	<b>92.5%</b>	<b>1.3%</b>	White	<b>93.8%</b>	<b>65.1%</b>	<b>28.7%</b>
Other	<b>0.0%</b>	<b>3.3%</b>	<b>-3.3%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>44.7%</b>	<b>18.4%</b>	<b>32.0%</b>	<b>4.9%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .738 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CHARLTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,518</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.9%</b>	Citations per 1000	
	Passing through:	<b>82.1%</b>	18 + residents:	<b>141.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,464)				ITP Stops <sup>3</sup> (N = 440)			
Mean age				Mean age			
<b>37.35</b>				<b>36.91</b>			
Gender %				Gender %			
Female <b>39.5%</b>				Female <b>33.7%</b>			
Male <b>60.5%</b>				Male <b>66.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>9.0%</b>				AA/Black <b>11.5%</b>			
Hispanic <b>18.4%</b>				Hispanic <b>20.9%</b>			
White <b>69.7%</b>				White <b>64.0%</b>			
Other <b>2.9%</b>				Other <b>3.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>0.9%</b>	<b>8.1%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>18.4%</b>	<b>6.1%</b>	<b>12.3%</b>	Hispanic	<b>18.4%</b>	<b>15.2%</b>	<b>3.2%</b>
White	<b>69.7%</b>	<b>90.5%</b>	<b>-20.8%</b>	White	<b>69.7%</b>	<b>65.1%</b>	<b>4.6%</b>
Other	<b>2.9%</b>	<b>3.7%</b>	<b>-0.8%</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	414	<b>23.1%</b>	<b>41.3%</b>	NW	132	<b>32.2%</b>	<b>36.3%</b>
White	982	<b>76.9%</b>	<b>58.7%</b>	White	255	<b>67.8%</b>	<b>63.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.396	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.398*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.479*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.5%</b>	<b>4.5%</b>	<b>10.5%</b>	<b>4.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>73.8%</b>	<b>13.6%</b>	<b>9.7%</b>	<b>2.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>81.2%</b>	<b>11.4%</b>	<b>4.8%</b>	<b>2.6%</b>			
Other	<b>86.0%</b>	<b>11.6%</b>	<b>2.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.003*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CHELMSFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,991</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.7%</b>	Citations per 1000	
	Passing through:	<b>79.3%</b>	18 + residents:	<b>70.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,872)				ITP Stops <sup>3</sup> (N = 403)			
Mean age				Mean age			
<b>39.47</b>				<b>37.58</b>			
Gender %				Gender %			
Female <b>40.9%</b>				Female <b>38.9%</b>			
Male <b>59.0%</b>				Male <b>61.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.4%</b>				Race % Mis/Unk <sup>4</sup> <b>11.9%</b>			
AA/Black <b>6.4%</b>				AA/Black <b>5.6%</b>			
Hispanic <b>10.8%</b>				Hispanic <b>10.1%</b>			
White <b>69.9%</b>				White <b>69.6%</b>			
Other <b>12.9%</b>				Other <b>14.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>0.9%</b>	<b>5.5%</b>	AA/Black	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
Hispanic	<b>10.8%</b>	<b>3.3%</b>	<b>7.5%</b>	Hispanic	<b>10.8%</b>	<b>15.2%</b>	<b>-4.4%</b>
White	<b>69.9%</b>	<b>85.2%</b>	<b>-15.3%</b>	White	<b>69.9%</b>	<b>65.1%</b>	<b>4.8%</b>
Other	<b>12.9%</b>	<b>11.0%</b>	<b>1.9%</b>	Other	<b>12.9%</b>	<b>5.2%</b>	<b>7.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	507	<b>27.7%</b>	<b>46.6%</b>	NW	95	<b>24.6%</b>	<b>43.4%</b>
White	1,171	<b>72.3%</b>	<b>53.4%</b>	White	210	<b>75.4%</b>	<b>56.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .432* sig.				Odds ratio Exp(B) <sup>7</sup> : .340* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.3%</b>	<b>26.1%</b>	<b>9.2%</b>	<b>3.4%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>55.2%</b>	<b>27.1%</b>	<b>14.3%</b>	<b>3.4%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>72.3%</b>	<b>21.0%</b>	<b>5.0%</b>	<b>1.7%</b>			
Other	<b>74.0%</b>	<b>21.1%</b>	<b>3.7%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CHELSEA POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,538</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.6%</b>	Citations per 1000	
	Passing through:	<b>64.4%</b>	18 + residents:	<b>52.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,357)				ITP Stops <sup>3</sup> (N = 314)			
Mean age				Mean age			
<b>40.47</b>				<b>39.18</b>			
Gender %				Gender %			
Female <b>31.1%</b>				Female <b>26.1%</b>			
Male <b>68.9%</b>				Male <b>73.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.5%</b>				Race % Mis/Unk <sup>4</sup> <b>6.7%</b>			
AA/Black <b>11.8%</b>				AA/Black <b>12.3%</b>			
Hispanic <b>32.3%</b>				Hispanic <b>36.5%</b>			
White <b>53.6%</b>				White <b>49.8%</b>			
Other <b>2.3%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.8%</b>	<b>6.4%</b>	<b>5.4%</b>	AA/Black	<b>11.8%</b>	<b>14.5%</b>	<b>-2.7%</b>
Hispanic	<b>32.3%</b>	<b>67.0%</b>	<b>-34.7%</b>	Hispanic	<b>32.3%</b>	<b>15.2%</b>	<b>17.1%</b>
White	<b>53.6%</b>	<b>20.6%</b>	<b>33.0%</b>	White	<b>53.6%</b>	<b>65.1%</b>	<b>-11.5%</b>
Other	<b>2.3%</b>	<b>36.9%</b>	<b>-34.6%</b>	Other	<b>2.3%</b>	<b>5.2%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	546	<b>46.8%</b>	<b>46.5%</b>	NW	135	<b>52.0%</b>	<b>48.3%</b>
White	623	<b>53.2%</b>	<b>53.5%</b>	White	131	<b>48.0%</b>	<b>51.7%</b>
Chi-square, X-tab <sup>6</sup> : .944 not sig.				Chi-square, X-tab <sup>6</sup> : .573 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.061 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.862 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.8%</b>	<b>10.8%</b>	<b>15.8%</b>	<b>0.6%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>64.9%</b>	<b>8.1%</b>	<b>24.1%</b>	<b>2.9%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>67.1%</b>	<b>12.7%</b>	<b>15.9%</b>	<b>4.4%</b>			
Other	<b>77.4%</b>	<b>9.7%</b>	<b>6.5%</b>	<b>6.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CHESHIRE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>115</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist: <b>13.2%</b>			Citations per 1000						
	Passing through: <b>86.8%</b>			18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, <u>including</u> multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 114)					ITP Stops <sup>3</sup> (N = N/A)					
Mean age					Mean age					
35.39					N/A					
Gender    %					Gender    %					
Female		48.2%			Female		N/A			
Male		51.8%			Male		N/A			
Non-binary		0.0%			Non-binary		N/A			
Race	%	Mis/Unk <sup>4</sup>	0.9%		Race	%	Mis/Unk <sup>4</sup>	N/A		
AA/Black		14.2%			AA/Black		N/A			
Hispanic		3.5%			Hispanic		N/A			
White		82.3%		White		N/A				
Other		0.0%		Other		N/A				
<sup>2</sup> Total unique stop incidents by department, <u>excluding</u> multiple-citation encounters and crashes										
<sup>3</sup> <u>Only</u> those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	14.2%	N/A	N/A		AA/Black	14.2%	14.5%	-0.3%		
Hispanic	3.5%	N/A	N/A		Hispanic	3.5%	15.2%	-11.7%		
White	82.3%	N/A	N/A		White	82.3%	65.1%	17.2%		
Other	0.0%	N/A	N/A		Other	0.0%	5.2%	-5.2%		
<sup>5</sup> State average represents racial/ethnic breakdown of <i>all</i> 2022 stops by <i>all</i> MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW	20	15.5%	25.9%		NW	N/A	N/A	N/A		
White	91	84.5%	74.1%		White	N/A	N/A	N/A		
Chi-square, X-tab <sup>6</sup> :		.219	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.435	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. <i>Chi-square</i> indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	62.5%	18.8%	18.8%	0.0%	NW	0	N/A			
Hispanic	50.0%	25.0%	25.0%	0.0%	White	0	N/A			
White	78.7%	13.8%	7.4%	0.0%						
Other	0.0%	0.0%	0.0%	0.0%		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				.385    not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CHESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>283</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.7%</b>	Citations per 1000	
	Passing through:	<b>81.3%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 283)				ITP Stops <sup>3</sup> (N = 144)			
Mean age				Mean age			
<b>46.11</b>				<b>42.42</b>			
Gender %				Gender %			
Female <b>44.2%</b>				Female <b>44.4%</b>			
Male <b>55.8%</b>				Male <b>55.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>2.1%</b>		Race %	Mis/Unk <sup>4</sup>	<b>2.1%</b>	
AA/Black	<b>2.2%</b>			AA/Black	<b>2.8%</b>		
Hispanic	<b>2.5%</b>			Hispanic	<b>2.8%</b>		
White	<b>94.2%</b>			White	<b>92.2%</b>		
Other	<b>1.1%</b>			Other	<b>2.1%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.2%</b>	<b>14.5%</b>	<b>-12.3%</b>
Hispanic	<b>2.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.5%</b>	<b>15.2%</b>	<b>-12.7%</b>
White	<b>94.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>94.2%</b>	<b>65.1%</b>	<b>29.1%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>85.7%</b>	<b>14.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>88.1%</b>	<b>11.1%</b>	<b>0.8%</b>	<b>0.0%</b>			
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.877	<i>not sig.</i>					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CHICOPEE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>6,567</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>43.4%</b>	Citations per 1000	
	Passing through:	<b>56.6%</b>	18 + residents:	<b>148.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,711)				ITP Stops <sup>3</sup> (N = 1,107)			
Mean age				Mean age			
<b>40.89</b>				<b>37.86</b>			
Gender %				Gender %			
Female <b>43.0%</b>				Female <b>37.6%</b>			
Male <b>56.9%</b>				Male <b>62.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>10.3%</b>				AA/Black <b>14.1%</b>			
Hispanic <b>29.1%</b>				Hispanic <b>37.8%</b>			
White <b>58.7%</b>				White <b>46.4%</b>			
Other <b>1.8%</b>				Other <b>1.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.3%</b>	<b>5.2%</b>	<b>5.1%</b>	AA/Black	<b>10.3%</b>	<b>14.5%</b>	<b>-4.2%</b>
Hispanic	<b>29.1%</b>	<b>21.0%</b>	<b>8.1%</b>	Hispanic	<b>29.1%</b>	<b>15.2%</b>	<b>13.9%</b>
White	<b>58.7%</b>	<b>71.2%</b>	<b>-12.5%</b>	White	<b>58.7%</b>	<b>65.1%</b>	<b>-6.4%</b>
Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,237	<b>35.4%</b>	<b>54.6%</b>	NW	500	<b>51.0%</b>	<b>53.5%</b>
White	3,240	<b>64.6%</b>	<b>45.4%</b>	White	455	<b>49.0%</b>	<b>46.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .440 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .434* sig.				Odds ratio Exp(B) <sup>7</sup> : .638* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.2%</b>	<b>9.8%</b>	<b>17.7%</b>	<b>7.3%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>67.2%</b>	<b>8.7%</b>	<b>18.1%</b>	<b>6.0%</b>	White	<b>22</b>	<b>N/A</b>
White	<b>85.2%</b>	<b>5.9%</b>	<b>6.4%</b>	<b>2.5%</b>			
Other	<b>89.0%</b>	<b>5.1%</b>	<b>5.1%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CLINTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>171</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.4%</b>	Citations per 1000	
	Passing through:	<b>54.6%</b>	18 + residents:	<b>24.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 119)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.17</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>24.8%</b>				Female <b>N/A</b>			
Male <b>75.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>12.6%</b>				Race % Mis/Unk <sup>4</sup> <b>12.0%</b>			
AA/Black <b>7.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>29.8%</b>				Hispanic <b>N/A</b>			
White <b>61.5%</b>				White <b>N/A</b>			
Other <b>1.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.7%</b>	<b>3.4%</b>	<b>4.3%</b>	AA/Black	<b>7.7%</b>	<b>14.5%</b>	<b>-6.8%</b>
Hispanic	<b>29.8%</b>	<b>19.7%</b>	<b>10.1%</b>	Hispanic	<b>29.8%</b>	<b>15.2%</b>	<b>14.6%</b>
White	<b>61.5%</b>	<b>74.9%</b>	<b>-13.4%</b>	White	<b>61.5%</b>	<b>65.1%</b>	<b>-3.6%</b>
Other	<b>1.0%</b>	<b>4.8%</b>	<b>-3.8%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>34.1%</b>	<b>46.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	52	<b>65.9%</b>	<b>53.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.238	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.591	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>9.1%</b>	<b>18.2%</b>	<b>54.5%</b>	<b>18.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>7.7%</b>	<b>13.5%</b>	<b>57.7%</b>	<b>21.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>32.6%</b>	<b>18.0%</b>	<b>32.6%</b>	<b>16.9%</b>			
Other	<b>0.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.023*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### COHASSET POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,433</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>33.0%</b>	Citations per 1000	
	Passing through:	<b>67.0%</b>	18 + residents:	<b>399.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,376)				ITP Stops <sup>3</sup> (N = 1,291)			
Mean age				Mean age			
<b>44.16</b>				<b>43.89</b>			
Gender %				Gender %			
Female <b>44.8%</b>				Female <b>40.8%</b>			
Male <b>55.2%</b>				Male <b>59.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.3%</b>			
AA/Black <b>2.7%</b>				AA/Black <b>3.0%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>3.7%</b>			
White <b>91.1%</b>				White <b>91.2%</b>			
Other <b>2.1%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.7%</b>	<b>0.7%</b>	<b>2.0%</b>	AA/Black	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
Hispanic	<b>4.1%</b>	<b>1.4%</b>	<b>2.7%</b>	Hispanic	<b>4.1%</b>	<b>15.2%</b>	<b>-11.1%</b>
White	<b>91.1%</b>	<b>95.4%</b>	<b>-4.3%</b>	White	<b>91.1%</b>	<b>65.1%</b>	<b>26.0%</b>
Other	<b>2.1%</b>	<b>2.3%</b>	<b>-0.2%</b>	Other	<b>2.1%</b>	<b>5.2%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	202	<b>8.7%</b>	<b>10.9%</b>	NW	105	<b>8.4%</b>	<b>11.3%</b>
White	2,029	<b>91.3%</b>	<b>89.1%</b>	White	1,055	<b>91.6%</b>	<b>88.7%</b>
Chi-square, X-tab <sup>6</sup> : .163 not sig.				Chi-square, X-tab <sup>6</sup> : .149 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .849 not sig.				Odds ratio Exp(B) <sup>7</sup> : .793 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>87.9%</b>	<b>3.0%</b>	<b>6.1%</b>	<b>3.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>76.5%</b>	<b>5.1%</b>	<b>18.4%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>93.9%</b>	<b>3.7%</b>	<b>2.2%</b>	<b>0.3%</b>			
Other	<b>94.3%</b>	<b>5.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### COLRAIN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>303</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.9%</b>	Citations per 1000	
	Passing through:	<b>89.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 302)				ITP Stops <sup>3</sup> (N = 144)			
Mean age				Mean age			
<b>43.85</b>				<b>42.42</b>			
Gender %				Gender %			
Female <b>38.3%</b>				Female <b>44.4%</b>			
Male <b>61.7%</b>				Male <b>55.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>2.6%</b>		Race %	Mis/Unk <sup>4</sup>	<b>2.1%</b>	
AA/Black	<b>1.4%</b>			AA/Black	<b>2.8%</b>		
Hispanic	<b>2.0%</b>			Hispanic	<b>2.8%</b>		
White	<b>94.2%</b>			White	<b>92.2%</b>		
Other	<b>2.4%</b>			Other	<b>2.1%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.4%</b>	<b>14.5%</b>	<b>-13.1%</b>
Hispanic	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.0%</b>	<b>15.2%</b>	<b>-13.2%</b>
White	<b>94.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>94.2%</b>	<b>65.1%</b>	<b>29.1%</b>
Other	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>85.7%</b>	<b>14.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>88.1%</b>	<b>11.1%</b>	<b>0.8%</b>	<b>0.0%</b>			
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.877	not sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### CONCORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>5,644</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.9%</b>	Citations per 1000	
	Passing through:	<b>82.1%</b>	18 + residents:	<b>393.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,551)				ITP Stops <sup>3</sup> (N = 2,020)			
Mean age				Mean age			
<b>41.19</b>				<b>42.83</b>			
Gender %				Gender %			
Female <b>41.0%</b>				Female <b>44.3%</b>			
Male <b>58.9%</b>				Male <b>55.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>9.9%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>10.6%</b>				Hispanic <b>8.3%</b>			
White <b>70.0%</b>				White <b>76.9%</b>			
Other <b>9.5%</b>				Other <b>9.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.9%</b>	<b>4.0%</b>	<b>5.9%</b>	AA/Black	<b>9.9%</b>	<b>14.5%</b>	<b>-4.6%</b>
Hispanic	<b>10.6%</b>	<b>7.2%</b>	<b>3.4%</b>	Hispanic	<b>10.6%</b>	<b>15.2%</b>	<b>-4.6%</b>
White	<b>70.0%</b>	<b>79.4%</b>	<b>-9.4%</b>	White	<b>70.0%</b>	<b>65.1%</b>	<b>4.9%</b>
Other	<b>9.5%</b>	<b>10.0%</b>	<b>-0.5%</b>	Other	<b>9.5%</b>	<b>5.2%</b>	<b>4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,585	<b>21.6%</b>	<b>42.7%</b>	NW	399	<b>21.2%</b>	<b>25.0%</b>
White	3,727	<b>78.4%</b>	<b>57.3%</b>	White	1,410	<b>78.8%</b>	<b>75.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .110 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .359* sig.				Odds ratio Exp(B) <sup>7</sup> : .613* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.0%</b>	<b>18.4%</b>	<b>10.3%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>58.2%</b>	<b>17.5%</b>	<b>22.4%</b>	<b>1.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>82.0%</b>	<b>14.0%</b>	<b>3.2%</b>	<b>0.8%</b>			
Other	<b>76.9%</b>	<b>18.4%</b>	<b>4.4%</b>	<b>0.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DALTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>230</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.7%</b>	Citations per 1000	
	Passing through:	<b>76.3%</b>	18 + residents:	<b>42.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 215)				ITP Stops <sup>3</sup> (N = 112)			
Mean age				Mean age			
<b>37.11</b>				<b>36.4</b>			
Gender %				Gender %			
Female <b>41.4%</b>				Female <b>37.5%</b>			
Male <b>58.6%</b>				Male <b>62.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.8%</b>				Race % Mis/Unk <sup>4</sup> <b>11.6%</b>			
AA/Black <b>8.2%</b>				AA/Black <b>8.1%</b>			
Hispanic <b>0.0%</b>				Hispanic <b>0.0%</b>			
White <b>91.8%</b>				White <b>91.9%</b>			
Other <b>0.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.2%</b>	<b>0.1%</b>	<b>8.1%</b>	AA/Black	<b>8.2%</b>	<b>14.5%</b>	<b>-6.3%</b>
Hispanic	<b>0.0%</b>	<b>2.1%</b>	<b>-2.1%</b>	Hispanic	<b>0.0%</b>	<b>15.2%</b>	<b>-15.2%</b>
White	<b>91.8%</b>	<b>95.4%</b>	<b>-3.6%</b>	White	<b>91.8%</b>	<b>65.1%</b>	<b>26.7%</b>
Other	<b>0.0%</b>	<b>2.2%</b>	<b>-2.2%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	13	<b>8.6%</b>	<b>7.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	151	<b>91.4%</b>	<b>93.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.714	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.998	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.7%</b>	<b>11.8%</b>	<b>17.6%</b>	<b>5.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>77.7%</b>	<b>5.7%</b>	<b>15.5%</b>	<b>1.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.649	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DANVERS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,117</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.9%</b>	Citations per 1000	
	Passing through:	<b>80.1%</b>	18 + residents:	<b>50.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 891)				ITP Stops <sup>3</sup> (N = 282)			
Mean age				Mean age			
<b>39.77</b>				<b>39.52</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>35.2%</b>			
Male <b>63.1%</b>				Male <b>64.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>8.4%</b>				AA/Black <b>8.7%</b>			
Hispanic <b>14.8%</b>				Hispanic <b>15.3%</b>			
White <b>74.6%</b>				White <b>74.2%</b>			
Other <b>2.2%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.4%</b>	<b>2.4%</b>	<b>6.0%</b>	AA/Black	<b>8.4%</b>	<b>14.5%</b>	<b>-6.1%</b>
Hispanic	<b>14.8%</b>	<b>5.1%</b>	<b>9.7%</b>	Hispanic	<b>14.8%</b>	<b>15.2%</b>	<b>-0.4%</b>
White	<b>74.6%</b>	<b>87.6%</b>	<b>-13.0%</b>	White	<b>74.6%</b>	<b>65.1%</b>	<b>9.5%</b>
Other	<b>2.2%</b>	<b>5.0%</b>	<b>-2.8%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	213	<b>20.5%</b>	<b>31.5%</b>	NW	66	<b>28.2%</b>	<b>23.8%</b>
White	591	<b>79.5%</b>	<b>68.5%</b>	White	191	<b>71.8%</b>	<b>76.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .427 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .544* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.093 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.7%</b>	<b>3.6%</b>	<b>7.1%</b>	<b>3.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>76.7%</b>	<b>6.2%</b>	<b>13.0%</b>	<b>4.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.9%</b>	<b>2.4%</b>	<b>9.1%</b>	<b>3.6%</b>			
Other	<b>87.0%</b>	<b>4.3%</b>	<b>4.3%</b>	<b>4.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .329 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DARTMOUTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,949</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.0%</b>	Citations per 1000	
	Passing through:	<b>70.0%</b>	18 + residents:	<b>101.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,673)				ITP Stops <sup>3</sup> (N = 964)			
Mean age				Mean age			
<b>38.72</b>				<b>38.91</b>			
Gender %				Gender %			
Female <b>48.6%</b>				Female <b>42.9%</b>			
Male <b>51.4%</b>				Male <b>57.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>10.5%</b>				AA/Black <b>9.9%</b>			
Hispanic <b>7.0%</b>				Hispanic <b>7.5%</b>			
White <b>80.6%</b>				White <b>80.4%</b>			
Other <b>2.0%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>3.2%</b>	<b>7.3%</b>	AA/Black	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
Hispanic	<b>7.0%</b>	<b>3.1%</b>	<b>3.9%</b>	Hispanic	<b>7.0%</b>	<b>15.2%</b>	<b>-8.2%</b>
White	<b>80.6%</b>	<b>89.1%</b>	<b>-8.5%</b>	White	<b>80.6%</b>	<b>65.1%</b>	<b>15.5%</b>
Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	492	<b>18.2%</b>	<b>23.9%</b>	NW	174	<b>18.4%</b>	<b>23.5%</b>
White	2,035	<b>81.8%</b>	<b>76.1%</b>	White	691	<b>81.6%</b>	<b>76.5%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .077 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .773* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.101 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.5%</b>	<b>10.8%</b>	<b>23.3%</b>	<b>2.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>48.5%</b>	<b>6.9%</b>	<b>36.6%</b>	<b>7.9%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>75.3%</b>	<b>10.1%</b>	<b>11.8%</b>	<b>2.8%</b>			
Other	<b>76.8%</b>	<b>10.7%</b>	<b>10.7%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DEDHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>7,818</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.6%</b>	Citations per 1000	
	Passing through:	<b>82.4%</b>	18 + residents:	<b>383.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,729)				ITP Stops <sup>3</sup> (N = 2,541)			
Mean age				Mean age			
<b>43.15</b>				<b>40.9</b>			
Gender %				Gender %			
Female <b>46.2%</b>				Female <b>44.7%</b>			
Male <b>53.7%</b>				Male <b>55.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>2.9%</b>			
AA/Black <b>20.4%</b>				AA/Black <b>23.5%</b>			
Hispanic <b>11.2%</b>				Hispanic <b>11.1%</b>			
White <b>63.2%</b>				White <b>60.2%</b>			
Other <b>5.2%</b>				Other <b>5.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.4%</b>	<b>8.2%</b>	<b>12.2%</b>	AA/Black	<b>20.4%</b>	<b>14.5%</b>	<b>5.9%</b>
Hispanic	<b>11.2%</b>	<b>8.7%</b>	<b>2.5%</b>	Hispanic	<b>11.2%</b>	<b>15.2%</b>	<b>-4.0%</b>
White	<b>63.2%</b>	<b>78.8%</b>	<b>-15.6%</b>	White	<b>63.2%</b>	<b>65.1%</b>	<b>-1.9%</b>
Other	<b>5.2%</b>	<b>5.4%</b>	<b>-0.2%</b>	Other	<b>5.2%</b>	<b>5.2%</b>	<b>0.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,663	<b>36.2%</b>	<b>44.3%</b>	NW	887	<b>39.8%</b>	<b>41.8%</b>
White	4,567	<b>63.8%</b>	<b>55.7%</b>	White	1,320	<b>60.2%</b>	<b>58.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .463 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .734* sig.				Odds ratio Exp(B) <sup>7</sup> : .921 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>95.8%</b>	<b>2.9%</b>	<b>1.2%</b>	<b>0.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>93.8%</b>	<b>5.1%</b>	<b>1.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>97.5%</b>	<b>1.8%</b>	<b>0.7%</b>	<b>0.0%</b>			
Other	<b>97.2%</b>	<b>2.8%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DEERFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>171</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.4%</b>	Citations per 1000	
	Passing through:	<b>54.6%</b>	18 + residents:	<b>24.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 119)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.17</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>24.8%</b>				Female <b>N/A</b>			
Male <b>75.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>12.6%</b>				Race % Mis/Unk <sup>4</sup> <b>12.0%</b>			
AA/Black <b>7.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>29.8%</b>				Hispanic <b>N/A</b>			
White <b>61.5%</b>				White <b>N/A</b>			
Other <b>1.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.7%</b>	<b>3.4%</b>	<b>4.3%</b>	AA/Black	<b>7.7%</b>	<b>14.5%</b>	<b>-6.8%</b>
Hispanic	<b>29.8%</b>	<b>19.7%</b>	<b>10.1%</b>	Hispanic	<b>29.8%</b>	<b>15.2%</b>	<b>14.6%</b>
White	<b>61.5%</b>	<b>74.9%</b>	<b>-13.4%</b>	White	<b>61.5%</b>	<b>65.1%</b>	<b>-3.6%</b>
Other	<b>1.0%</b>	<b>4.8%</b>	<b>-3.8%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>34.1%</b>	<b>46.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	52	<b>65.9%</b>	<b>53.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.238	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.591	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>9.1%</b>	<b>18.2%</b>	<b>54.5%</b>	<b>18.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>7.7%</b>	<b>13.5%</b>	<b>57.7%</b>	<b>21.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>32.6%</b>	<b>18.0%</b>	<b>32.6%</b>	<b>16.9%</b>			
Other	<b>0.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.023*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DENNIS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>730</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>3.8%</b>	Citations per 1000	
	Passing through:	<b>96.2%</b>	18 + residents:	<b>60</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 661)				ITP Stops <sup>3</sup> (N = 234)			
Mean age				Mean age			
<b>41.72</b>				<b>40.13</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>34.3%</b>			
Male <b>62.6%</b>				Male <b>65.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>9.6%</b>				AA/Black <b>10.3%</b>			
Hispanic <b>1.5%</b>				Hispanic <b>0.9%</b>			
White <b>88.4%</b>				White <b>88.4%</b>			
Other <b>0.5%</b>				Other <b>0.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.6%</b>	<b>4.0%</b>	<b>5.6%</b>	AA/Black	<b>9.6%</b>	<b>14.5%</b>	<b>-4.9%</b>
Hispanic	<b>1.5%</b>	<b>2.1%</b>	<b>-0.6%</b>	Hispanic	<b>1.5%</b>	<b>15.2%</b>	<b>-13.7%</b>
White	<b>88.4%</b>	<b>90.8%</b>	<b>-2.4%</b>	White	<b>88.4%</b>	<b>65.1%</b>	<b>23.3%</b>
Other	<b>0.5%</b>	<b>2.9%</b>	<b>-2.4%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	64	<b>8.4%</b>	<b>14.4%</b>	NW	20	<b>10.8%</b>	<b>8.5%</b>
White	531	<b>91.6%</b>	<b>85.6%</b>	White	185	<b>89.2%</b>	<b>91.5%</b>
Chi-square, X-tab <sup>6</sup> : .020* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .580 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .579* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 2.305 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.2%</b>	<b>7.0%</b>	<b>25.4%</b>	<b>8.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>54.5%</b>	<b>9.1%</b>	<b>27.3%</b>	<b>9.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>67.9%</b>	<b>7.6%</b>	<b>19.4%</b>	<b>5.1%</b>			
Other	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .732 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DIGHTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>429</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.3%</b>	Citations per 1000	
	Passing through:	<b>84.7%</b>	18 + residents:	<b>66.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 404)				ITP Stops <sup>3</sup> (N = 119)			
Mean age				Mean age			
<b>34.29</b>				<b>31.87</b>			
Gender %				Gender %			
Female <b>31.7%</b>				Female <b>28.0%</b>			
Male <b>68.3%</b>				Male <b>72.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>9.0%</b>				AA/Black <b>9.4%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>1.7%</b>			
White <b>85.2%</b>				White <b>88.0%</b>			
Other <b>0.8%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>3.1%</b>	<b>5.9%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>5.0%</b>	<b>0.4%</b>	<b>4.6%</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>85.2%</b>	<b>92.0%</b>	<b>-6.8%</b>	White	<b>85.2%</b>	<b>65.1%</b>	<b>20.1%</b>
Other	<b>0.8%</b>	<b>2.1%</b>	<b>-1.3%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	59	<b>14.1%</b>	<b>18.8%</b>	NW	14	<b>11.4%</b>	<b>17.2%</b>
White	330	<b>85.9%</b>	<b>81.2%</b>	White	94	<b>88.6%</b>	<b>82.8%</b>
Chi-square, X-tab <sup>6</sup> :		.288	not sig.	Chi-square, X-tab <sup>6</sup> :		.423	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.546	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.556	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>30.8%</b>	<b>25.6%</b>	<b>38.5%</b>	<b>5.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>30.0%</b>	<b>20.0%</b>	<b>45.0%</b>	<b>5.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>58.5%</b>	<b>18.4%</b>	<b>20.9%</b>	<b>2.2%</b>			
Other	<b>33.3%</b>	<b>33.3%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.024*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DOUGLAS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,506</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.6%</b>	Citations per 1000	
	Passing through:	<b>78.4%</b>	18 + residents:	<b>218.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,453)				ITP Stops <sup>3</sup> (N = 696)			
Mean age				Mean age			
<b>34.32</b>				<b>34.9</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>33.3%</b>			
Male <b>63.3%</b>				Male <b>66.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>7.2%</b>				AA/Black <b>5.2%</b>			
Hispanic <b>11.7%</b>				Hispanic <b>11.3%</b>			
White <b>79.4%</b>				White <b>82.7%</b>			
Other <b>1.7%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>0.3%</b>	<b>6.9%</b>	AA/Black	<b>7.2%</b>	<b>14.5%</b>	<b>-7.3%</b>
Hispanic	<b>11.7%</b>	<b>5.7%</b>	<b>6.0%</b>	Hispanic	<b>11.7%</b>	<b>15.2%</b>	<b>-3.5%</b>
White	<b>79.4%</b>	<b>91.1%</b>	<b>-11.7%</b>	White	<b>79.4%</b>	<b>65.1%</b>	<b>14.3%</b>
Other	<b>1.7%</b>	<b>3.0%</b>	<b>-1.3%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	288	<b>16.5%</b>	<b>25.8%</b>	NW	112	<b>16.5%</b>	<b>20.5%</b>
White	1,080	<b>83.5%</b>	<b>74.2%</b>	White	510	<b>83.5%</b>	<b>79.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .212 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .556* sig.				Odds ratio Exp(B) <sup>7</sup> : .883 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.4%</b>	<b>8.3%</b>	<b>19.4%</b>	<b>2.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>53.4%</b>	<b>3.4%</b>	<b>39.8%</b>	<b>3.4%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>77.2%</b>	<b>5.3%</b>	<b>13.7%</b>	<b>3.8%</b>			
Other	<b>83.3%</b>	<b>8.3%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DOVER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>318</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.8%</b>	Citations per 1000	
	Passing through:	<b>88.2%</b>	18 + residents:	<b>71.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 297)				ITP Stops <sup>3</sup> (N = 127)			
Mean age				Mean age			
<b>37.35</b>				<b>36.36</b>			
Gender %				Gender %			
Female <b>38.7%</b>				Female <b>34.7%</b>			
Male <b>61.0%</b>				Male <b>65.3%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>7.1%</b>				AA/Black <b>7.2%</b>			
Hispanic <b>9.2%</b>				Hispanic <b>12.0%</b>			
White <b>78.6%</b>				White <b>76.8%</b>			
Other <b>5.1%</b>				Other <b>4.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.1%</b>	<b>0.0%</b>	<b>7.1%</b>	AA/Black	<b>7.1%</b>	<b>14.5%</b>	<b>-7.4%</b>
Hispanic	<b>9.2%</b>	<b>3.1%</b>	<b>6.1%</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>78.6%</b>	<b>84.8%</b>	<b>-6.2%</b>	White	<b>78.6%</b>	<b>65.1%</b>	<b>13.5%</b>
Other	<b>5.1%</b>	<b>12.4%</b>	<b>-7.3%</b>	Other	<b>5.1%</b>	<b>5.2%</b>	<b>-0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	60	<b>18.1%</b>	<b>36.7%</b>	NW	26	<b>14.0%</b>	<b>51.9%</b>
White	221	<b>81.9%</b>	<b>63.3%</b>	White	87	<b>86.0%</b>	<b>48.1%</b>
Chi-square, X-tab <sup>6</sup> : .004* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .350* sig.				Odds ratio Exp(B) <sup>7</sup> : .094* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.8%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>4.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>7.1%</b>	<b>32.1%</b>	<b>3.6%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>76.5%</b>	<b>10.1%</b>	<b>9.3%</b>	<b>4.0%</b>			
Other	<b>70.6%</b>	<b>23.5%</b>	<b>5.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DRACUT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>282</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.6%</b>	Citations per 1000	
	Passing through:	<b>58.4%</b>	18 + residents:	<b>11.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 243)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.83</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>33.1%</b>				Female <b>N/A</b>			
Male <b>66.5%</b>				Male <b>N/A</b>			
Non-binary <b>0.4%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>12.0%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>20.6%</b>				Hispanic <b>N/A</b>			
White <b>61.3%</b>				White <b>N/A</b>			
Other <b>6.7%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>4.5%</b>	<b>6.8%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>20.6%</b>	<b>6.6%</b>	<b>14.0%</b>	Hispanic	<b>20.6%</b>	<b>15.2%</b>	<b>5.4%</b>
White	<b>61.3%</b>	<b>83.4%</b>	<b>-22.1%</b>	White	<b>61.3%</b>	<b>65.1%</b>	<b>-3.8%</b>
Other	<b>6.7%</b>	<b>6.1%</b>	<b>0.6%</b>	Other	<b>6.7%</b>	<b>5.2%</b>	<b>1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82	<b>33.8%</b>	<b>48.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	129	<b>66.2%</b>	<b>51.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .037* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .602 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.1%</b>	<b>20.6%</b>	<b>23.5%</b>	<b>8.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>71.2%</b>	<b>17.3%</b>	<b>5.8%</b>	<b>5.8%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>64.7%</b>	<b>19.4%</b>	<b>9.4%</b>	<b>6.5%</b>			
Other	<b>61.1%</b>	<b>38.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .067 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DUDLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>401</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.0%</b>	Citations per 1000	
	Passing through:	<b>73.0%</b>	18 + residents:	<b>43</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 366)				ITP Stops <sup>3</sup> (N = 145)			
Mean age				Mean age			
<b>32.32</b>				<b>32.42</b>			
Gender %				Gender %			
Female <b>39.2%</b>				Female <b>32.4%</b>			
Male <b>60.3%</b>				Male <b>66.9%</b>			
Non-binary <b>0.5%</b>				Non-binary <b>0.7%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>4.2%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>16.6%</b>				Hispanic <b>23.2%</b>			
White <b>78.7%</b>				White <b>71.8%</b>			
Other <b>0.6%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>2.0%</b>	<b>2.2%</b>	AA/Black	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
Hispanic	<b>16.6%</b>	<b>3.6%</b>	<b>13.0%</b>	Hispanic	<b>16.6%</b>	<b>15.2%</b>	<b>1.4%</b>
White	<b>78.7%</b>	<b>88.4%</b>	<b>-9.7%</b>	White	<b>78.7%</b>	<b>65.1%</b>	<b>13.6%</b>
Other	<b>0.6%</b>	<b>6.2%</b>	<b>-5.6%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	72	<b>17.0%</b>	<b>36.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	272	<b>83.0%</b>	<b>63.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.246*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>38.9%</b>	<b>16.7%</b>	<b>44.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.4%</b>	<b>20.6%</b>	<b>46.0%</b>	<b>7.9%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>52.9%</b>	<b>20.2%</b>	<b>23.4%</b>	<b>3.5%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DUNSTABLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>462</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.1%</b>	Citations per 1000	
	Passing through:	<b>94.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 451)				ITP Stops <sup>3</sup> (N = 209)			
Mean age				Mean age			
<b>34.01</b>				<b>34.47</b>			
Gender %				Gender %			
Female <b>27.5%</b>				Female <b>25.5%</b>			
Male <b>72.5%</b>				Male <b>74.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>3.4%</b>				AA/Black <b>1.9%</b>			
Hispanic <b>16.6%</b>				Hispanic <b>18.8%</b>			
White <b>71.4%</b>				White <b>70.7%</b>			
Other <b>8.7%</b>				Other <b>8.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.4%</b>	<b>14.5%</b>	<b>-11.1%</b>
Hispanic	<b>16.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.6%</b>	<b>15.2%</b>	<b>1.4%</b>
White	<b>71.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>71.4%</b>	<b>65.1%</b>	<b>6.3%</b>
Other	<b>8.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.7%</b>	<b>5.2%</b>	<b>3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	124	<b>27.4%</b>	<b>34.3%</b>	NW	57	<b>25.7%</b>	<b>42.6%</b>
White	304	<b>72.6%</b>	<b>65.7%</b>	White	134	<b>74.3%</b>	<b>57.4%</b>
Chi-square, X-tab <sup>6</sup> :		.179	not sig.	Chi-square, X-tab <sup>6</sup> :		.028*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.674	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.338*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.5%</b>	<b>6.3%</b>	<b>56.3%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>22.7%</b>	<b>16.0%</b>	<b>57.3%</b>	<b>4.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>42.1%</b>	<b>32.3%</b>	<b>25.3%</b>	<b>0.3%</b>			
Other	<b>30.8%</b>	<b>51.3%</b>	<b>17.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### DUXBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>669</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.5%</b>	Citations per 1000	
	Passing through:	<b>76.5%</b>	18 + residents:	<b>56.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 621)				ITP Stops <sup>3</sup> (N = 223)			
Mean age				Mean age			
<b>37.27</b>				<b>35.6</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>36.5%</b>			
Male <b>64.6%</b>				Male <b>63.5%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>4.5%</b>				AA/Black <b>4.6%</b>			
Hispanic <b>3.3%</b>				Hispanic <b>4.1%</b>			
White <b>91.7%</b>				White <b>90.9%</b>			
Other <b>0.5%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.5%</b>	<b>0.8%</b>	<b>3.7%</b>	AA/Black	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
Hispanic	<b>3.3%</b>	<b>0.9%</b>	<b>2.4%</b>	Hispanic	<b>3.3%</b>	<b>15.2%</b>	<b>-11.9%</b>
White	<b>91.7%</b>	<b>95.5%</b>	<b>-3.8%</b>	White	<b>91.7%</b>	<b>65.1%</b>	<b>26.6%</b>
Other	<b>0.5%</b>	<b>2.9%</b>	<b>-2.4%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	45	<b>8.1%</b>	<b>7.7%</b>	NW	18	<b>8.5%</b>	<b>10.8%</b>
White	519	<b>91.9%</b>	<b>92.3%</b>	White	176	<b>91.5%</b>	<b>89.2%</b>
Chi-square, X-tab <sup>6</sup> : .876 not sig.				Chi-square, X-tab <sup>6</sup> : .611 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.112 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.075 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.7%</b>	<b>17.2%</b>	<b>27.6%</b>	<b>3.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>36.4%</b>	<b>9.1%</b>	<b>54.5%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>67.0%</b>	<b>16.1%</b>	<b>14.1%</b>	<b>2.8%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EAST BRIDGEWATER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,493</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.9%</b>	Citations per 1000	
	Passing through:	<b>83.1%</b>	18 + residents:	<b>230.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,470)				ITP Stops <sup>3</sup> (N = 655)			
Mean age				Mean age			
<b>36.66</b>				<b>36.89</b>			
Gender %				Gender %			
Female <b>35.6%</b>				Female <b>35.4%</b>			
Male <b>64.4%</b>				Male <b>64.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>19.4%</b>				AA/Black <b>17.1%</b>			
Hispanic <b>5.3%</b>				Hispanic <b>5.3%</b>			
White <b>74.2%</b>				White <b>77.0%</b>			
Other <b>1.1%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.4%</b>	<b>3.9%</b>	<b>15.5%</b>	AA/Black	<b>19.4%</b>	<b>14.5%</b>	<b>4.9%</b>
Hispanic	<b>5.3%</b>	<b>2.1%</b>	<b>3.2%</b>	Hispanic	<b>5.3%</b>	<b>15.2%</b>	<b>-9.9%</b>
White	<b>74.2%</b>	<b>88.0%</b>	<b>-13.8%</b>	White	<b>74.2%</b>	<b>65.1%</b>	<b>9.1%</b>
Other	<b>1.1%</b>	<b>4.4%</b>	<b>-3.3%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	593	<b>24.7%</b>	<b>29.7%</b>	NW	131	<b>21.1%</b>	<b>26.3%</b>
White	1,714	<b>75.3%</b>	<b>70.3%</b>	White	456	<b>78.9%</b>	<b>73.7%</b>
Chi-square, X-tab <sup>6</sup> :		.028*	sig.	Chi-square, X-tab <sup>6</sup> :		.204	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.849	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.814	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>9.9%</b>	<b>26.8%</b>	<b>3.2%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>50.4%</b>	<b>11.8%</b>	<b>33.1%</b>	<b>4.7%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>75.8%</b>	<b>11.3%</b>	<b>11.1%</b>	<b>1.7%</b>			
Other	<b>53.8%</b>	<b>19.2%</b>	<b>26.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EAST BROOKFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>849</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.6%</b>	Citations per 1000	
	Passing through:	<b>93.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 838)				ITP Stops <sup>3</sup> (N = 373)			
Mean age				Mean age			
<b>38.92</b>				<b>37.68</b>			
Gender %				Gender %			
Female <b>44.4%</b>				Female <b>46.2%</b>			
Male <b>55.5%</b>				Male <b>53.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>3.1%</b>				AA/Black <b>3.4%</b>			
Hispanic <b>3.8%</b>				Hispanic <b>5.1%</b>			
White <b>90.3%</b>				White <b>89.9%</b>			
Other <b>2.7%</b>				Other <b>1.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
Hispanic	<b>3.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.8%</b>	<b>15.2%</b>	<b>-11.4%</b>
White	<b>90.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>90.3%</b>	<b>65.1%</b>	<b>25.2%</b>
Other	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.7%</b>	<b>5.2%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	75	<b>8.4%</b>	<b>15.1%</b>	NW	33	<b>9.7%</b>	<b>13.4%</b>
White	691	<b>91.6%</b>	<b>84.9%</b>	White	282	<b>90.3%</b>	<b>86.6%</b>
Chi-square, X-tab <sup>6</sup> : .011* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .373 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .548* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.133 <i>not sig.</i>			

<sup>6</sup>*Sig.* Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>76.0%</b>	<b>16.0%</b>	<b>8.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>81.3%</b>	<b>3.1%</b>	<b>3.1%</b>	<b>12.5%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>86.3%</b>	<b>9.3%</b>	<b>2.8%</b>	<b>1.5%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EAST LONGMEADOW POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>298</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.8%</b>	Citations per 1000	
	Passing through:	<b>86.2%</b>	18 + residents:	<b>23.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 247)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.21</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>31.8%</b>				Female <b>N/A</b>			
Male <b>68.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>18.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.4%</b>				Hispanic <b>N/A</b>			
White <b>77.0%</b>				White <b>N/A</b>			
Other <b>1.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.3%</b>	<b>4.7%</b>	<b>13.6%</b>	AA/Black	<b>18.3%</b>	<b>14.5%</b>	<b>3.8%</b>
Hispanic	<b>3.4%</b>	<b>3.9%</b>	<b>-0.5%</b>	Hispanic	<b>3.4%</b>	<b>15.2%</b>	<b>-11.8%</b>
White	<b>77.0%</b>	<b>85.3%</b>	<b>-8.3%</b>	White	<b>77.0%</b>	<b>65.1%</b>	<b>11.9%</b>
Other	<b>1.3%</b>	<b>6.2%</b>	<b>-4.9%</b>	Other	<b>1.3%</b>	<b>5.2%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	47	<b>18.8%</b>	<b>28.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	167	<b>81.3%</b>	<b>71.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .103 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .611 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>22.2%</b>	<b>7.4%</b>	<b>59.3%</b>	<b>11.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>18.2%</b>	<b>18.2%</b>	<b>63.6%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>47.7%</b>	<b>11.0%</b>	<b>37.2%</b>	<b>4.1%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EASTHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>926</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.1%</b>	Citations per 1000	
	Passing through:	<b>89.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 859)				ITP Stops <sup>3</sup> (N = 309)			
Mean age				Mean age			
<b>40.27</b>				<b>38.41</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>31.6%</b>			
Male <b>66.0%</b>				Male <b>68.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>7.3%</b>				AA/Black <b>9.5%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>7.8%</b>			
White <b>82.3%</b>				White <b>80.1%</b>			
Other <b>3.8%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.3%</b>	<b>14.5%</b>	<b>-7.2%</b>
Hispanic	<b>6.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>6.7%</b>	<b>15.2%</b>	<b>-8.5%</b>
White	<b>82.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.3%</b>	<b>65.1%</b>	<b>17.2%</b>
Other	<b>3.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.8%</b>	<b>5.2%</b>	<b>-1.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	140	<b>16.9%</b>	<b>17.0%</b>	NW	50	<b>19.6%</b>	<b>10.5%</b>
White	686	<b>83.1%</b>	<b>83.0%</b>	White	231	<b>80.4%</b>	<b>89.5%</b>
Chi-square, X-tab <sup>6</sup> : .980 not sig.				Chi-square, X-tab <sup>6</sup> : .108 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .980 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.912 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>84.8%</b>	<b>7.6%</b>	<b>3.0%</b>	<b>4.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>63.3%</b>	<b>13.3%</b>	<b>23.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>88.0%</b>	<b>5.7%</b>	<b>5.0%</b>	<b>1.3%</b>			
Other	<b>84.8%</b>	<b>9.1%</b>	<b>6.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EASTHAMPTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>872</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.1%</b>	Citations per 1000	
	Passing through:	<b>59.9%</b>	18 + residents:	<b>65</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 820)				ITP Stops <sup>3</sup> (N = 274)			
Mean age				Mean age			
<b>37.8</b>				<b>36.21</b>			
Gender %				Gender %			
Female <b>45.5%</b>				Female <b>38.7%</b>			
Male <b>54.2%</b>				Male <b>60.9%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.3%</b>			
AA/Black <b>4.6%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>11.9%</b>				Hispanic <b>14.0%</b>			
White <b>81.2%</b>				White <b>80.4%</b>			
Other <b>2.3%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.6%</b>	<b>1.9%</b>	<b>2.7%</b>	AA/Black	<b>4.6%</b>	<b>14.5%</b>	<b>-9.9%</b>
Hispanic	<b>11.9%</b>	<b>4.5%</b>	<b>7.4%</b>	Hispanic	<b>11.9%</b>	<b>15.2%</b>	<b>-3.3%</b>
White	<b>81.2%</b>	<b>89.2%</b>	<b>-8.0%</b>	White	<b>81.2%</b>	<b>65.1%</b>	<b>16.1%</b>
Other	<b>2.3%</b>	<b>5.0%</b>	<b>-2.7%</b>	Other	<b>2.3%</b>	<b>5.2%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	143	<b>15.7%</b>	<b>28.0%</b>	NW	45	<b>17.5%</b>	<b>22.4%</b>
White	625	<b>84.3%</b>	<b>72.0%</b>	White	193	<b>82.5%</b>	<b>77.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .391 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .442* sig.				Odds ratio Exp(B) <sup>7</sup> : .593 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.1%</b>	<b>21.6%</b>	<b>24.3%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>38.6%</b>	<b>30.7%</b>	<b>26.7%</b>	<b>4.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>64.2%</b>	<b>23.3%</b>	<b>10.4%</b>	<b>2.2%</b>			
Other	<b>63.2%</b>	<b>26.3%</b>	<b>10.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EASTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,277</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.1%</b>	Citations per 1000	
	Passing through:	<b>99.9%</b>	18 + residents:	<b>64.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,060)				ITP Stops <sup>3</sup> (N = 338)			
Mean age				Mean age			
<b>38.63</b>				<b>37.28</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>29.6%</b>			
Male <b>62.6%</b>				Male <b>70.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>25.2%</b>				AA/Black <b>22.3%</b>			
Hispanic <b>2.1%</b>				Hispanic <b>1.8%</b>			
White <b>70.7%</b>				White <b>74.4%</b>			
Other <b>2.0%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>25.2%</b>	<b>4.2%</b>	<b>21.0%</b>	AA/Black	<b>25.2%</b>	<b>14.5%</b>	<b>10.7%</b>
Hispanic	<b>2.1%</b>	<b>3.0%</b>	<b>-0.9%</b>	Hispanic	<b>2.1%</b>	<b>15.2%</b>	<b>-13.1%</b>
White	<b>70.7%</b>	<b>88.1%</b>	<b>-17.4%</b>	White	<b>70.7%</b>	<b>65.1%</b>	<b>5.6%</b>
Other	<b>2.0%</b>	<b>3.8%</b>	<b>-1.8%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	284	<b>26.5%</b>	<b>37.2%</b>	NW	78	<b>26.5%</b>	<b>25.7%</b>
White	680	<b>73.5%</b>	<b>62.8%</b>	White	220	<b>73.5%</b>	<b>74.3%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .885 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .612* sig.				Odds ratio Exp(B) <sup>7</sup> : .907 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>42.5%</b>	<b>27.8%</b>	<b>25.2%</b>	<b>4.6%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>17.2%</b>	<b>24.1%</b>	<b>55.2%</b>	<b>3.4%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>56.4%</b>	<b>27.9%</b>	<b>12.6%</b>	<b>3.1%</b>			
Other	<b>60.9%</b>	<b>26.1%</b>	<b>4.3%</b>	<b>8.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EDGARTOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>153</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.0%</b>	Citations per 1000	
	Passing through:	<b>55.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 100)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.83</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>20.2%</b>				Female <b>N/A</b>			
Male <b>79.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>7.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.0%</b>				Hispanic <b>N/A</b>			
White <b>92.5%</b>				White <b>N/A</b>			
Other <b>1.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.5%</b>	<b>14.5%</b>	<b>-8.0%</b>
Hispanic	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.0%</b>	<b>15.2%</b>	<b>-15.2%</b>
White	<b>92.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>92.5%</b>	<b>65.1%</b>	<b>27.4%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>36.4%</b>	<b>27.3%</b>	<b>36.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>15.0%</b>	<b>26.3%</b>	<b>42.1%</b>	<b>16.5%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.281	not sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EGREMONT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>148</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>14.5%</b>	Citations per 1000	
	Passing through:	<b>85.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 138)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.54</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>39.9%</b>				Female <b>N/A</b>			
Male <b>60.1%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.8%</b>				Hispanic <b>N/A</b>			
White <b>93.9%</b>				White <b>N/A</b>			
Other <b>0.8%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
Hispanic	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.8%</b>	<b>15.2%</b>	<b>-14.4%</b>
White	<b>93.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>93.9%</b>	<b>65.1%</b>	<b>28.8%</b>
Other	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>12.5%</b>	<b>12.5%</b>	<b>62.5%</b>	<b>12.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>30.5%</b>	<b>38.9%</b>	<b>18.3%</b>	<b>12.2%</b>			
Other	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .061				not sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ERVING POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>279</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.0%</b>	Citations per 1000	
	Passing through:	<b>94.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 268)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.72</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>34.8%</b>				Female <b>N/A</b>			
Male <b>64.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.4%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>12.0%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.5%</b>				Hispanic <b>N/A</b>			
White <b>87.3%</b>				White <b>N/A</b>			
Other <b>2.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.6%</b>	<b>14.5%</b>	<b>-8.9%</b>
Hispanic	<b>4.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.5%</b>	<b>15.2%</b>	<b>-10.7%</b>
White	<b>87.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>87.3%</b>	<b>65.1%</b>	<b>22.2%</b>
Other	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	32	<b>9.9%</b>	<b>16.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	225	<b>90.1%</b>	<b>83.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .114 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .546 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>20.0%</b>	<b>20.0%</b>	<b>40.0%</b>	<b>20.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>15.4%</b>	<b>15.4%</b>	<b>30.8%</b>	<b>38.5%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>52.9%</b>	<b>25.8%</b>	<b>17.2%</b>	<b>4.1%</b>			
Other	<b>42.9%</b>	<b>28.6%</b>	<b>14.3%</b>	<b>14.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ESSEX POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,037</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.3%</b>	Citations per 1000	
	Passing through:	<b>79.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,019)				ITP Stops <sup>3</sup> (N = 439)			
Mean age				Mean age			
<b>42.35</b>				<b>41.38</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>29.6%</b>			
Male <b>62.5%</b>				Male <b>70.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>2.3%</b>				AA/Black <b>1.8%</b>			
Hispanic <b>7.3%</b>				Hispanic <b>8.7%</b>			
White <b>89.2%</b>				White <b>88.5%</b>			
Other <b>1.2%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.3%</b>	<b>14.5%</b>	<b>-12.2%</b>
Hispanic	<b>7.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.3%</b>	<b>15.2%</b>	<b>-7.9%</b>
White	<b>89.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.2%</b>	<b>65.1%</b>	<b>24.1%</b>
Other	<b>1.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.2%</b>	<b>5.2%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	107	<b>10.1%</b>	<b>15.5%</b>	NW	48	<b>11.7%</b>	<b>14.7%</b>
White	855	<b>89.9%</b>	<b>84.5%</b>	White	342	<b>88.3%</b>	<b>85.3%</b>
Chi-square, X-tab <sup>6</sup> : .034* sig.				Chi-square, X-tab <sup>6</sup> : .489 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .607* sig.				Odds ratio Exp(B) <sup>7</sup> : .691 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.6%</b>	<b>13.0%</b>	<b>13.0%</b>	<b>4.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>36.0%</b>	<b>20.0%</b>	<b>40.0%</b>	<b>4.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>71.7%</b>	<b>19.2%</b>	<b>6.5%</b>	<b>2.6%</b>			
Other	<b>66.7%</b>	<b>25.0%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### EVERETT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,425</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.2%</b>	Citations per 1000	
	Passing through:	<b>63.8%</b>	18 + residents:	<b>39.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,263)				ITP Stops <sup>3</sup> (N = 160)			
Mean age				Mean age			
<b>36.79</b>				<b>34.44</b>			
Gender %				Gender %			
Female <b>33.1%</b>				Female <b>30.1%</b>			
Male <b>66.7%</b>				Male <b>69.9%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>18.1%</b>				Race % Mis/Unk <sup>4</sup> <b>18.1%</b>			
AA/Black <b>18.6%</b>				AA/Black <b>13.7%</b>			
Hispanic <b>31.1%</b>				Hispanic <b>35.1%</b>			
White <b>42.3%</b>				White <b>44.3%</b>			
Other <b>7.9%</b>				Other <b>6.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.6%</b>	<b>18.0%</b>	<b>0.6%</b>	AA/Black	<b>18.6%</b>	<b>14.5%</b>	<b>4.1%</b>
Hispanic	<b>31.1%</b>	<b>28.3%</b>	<b>2.8%</b>	Hispanic	<b>31.1%</b>	<b>15.2%</b>	<b>15.9%</b>
White	<b>42.3%</b>	<b>43.6%</b>	<b>-1.3%</b>	White	<b>42.3%</b>	<b>65.1%</b>	<b>-22.8%</b>
Other	<b>7.9%</b>	<b>14.0%</b>	<b>-6.1%</b>	Other	<b>7.9%</b>	<b>5.2%</b>	<b>2.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	561	<b>57.4%</b>	<b>58.4%</b>	NW	61	<b>60.2%</b>	<b>34.4%</b>
White	413	<b>42.6%</b>	<b>41.6%</b>	White	54	<b>39.8%</b>	<b>65.6%</b>
Chi-square, X-tab <sup>6</sup> : .811 not sig.				Chi-square, X-tab <sup>6</sup> : .013* sig.			
Odds ratio Exp(B) <sup>7</sup> : .986 not sig.				Odds ratio Exp(B) <sup>7</sup> : 2.637 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>32.7%</b>	<b>38.9%</b>	<b>24.2%</b>	<b>4.3%</b>	NW	<b>27</b>	<b>N/A</b>
Hispanic	<b>30.8%</b>	<b>32.1%</b>	<b>28.7%</b>	<b>8.4%</b>	White	<b>25</b>	<b>N/A</b>
White	<b>40.1%</b>	<b>32.7%</b>	<b>21.6%</b>	<b>5.6%</b>			
Other	<b>58.3%</b>	<b>36.9%</b>	<b>4.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FAIRHAVEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>750</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.7%</b>	Citations per 1000	
	Passing through:	<b>78.3%</b>	18 + residents:	<b>57</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 678)				ITP Stops <sup>3</sup> (N = 219)			
Mean age				Mean age			
<b>37.65</b>				<b>36.19</b>			
Gender %				Gender %			
Female <b>39.5%</b>				Female <b>38.1%</b>			
Male <b>60.5%</b>				Male <b>61.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>			
AA/Black <b>9.0%</b>				AA/Black <b>10.4%</b>			
Hispanic <b>9.2%</b>				Hispanic <b>8.5%</b>			
White <b>81.3%</b>				White <b>80.7%</b>			
Other <b>0.5%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>0.7%</b>	<b>8.3%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>9.2%</b>	<b>2.0%</b>	<b>7.2%</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>81.3%</b>	<b>90.6%</b>	<b>-9.3%</b>	White	<b>81.3%</b>	<b>65.1%</b>	<b>16.2%</b>
Other	<b>0.5%</b>	<b>4.7%</b>	<b>-4.2%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	114	<b>18.0%</b>	<b>18.0%</b>	NW	32	<b>19.0%</b>	<b>15.3%</b>
White	519	<b>82.0%</b>	<b>82.0%</b>	White	153	<b>81.0%</b>	<b>84.7%</b>
Chi-square, X-tab <sup>6</sup> : .986 not sig.				Chi-square, X-tab <sup>6</sup> : .507 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.156 not sig.				Odds ratio Exp(B) <sup>7</sup> : .648 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.3%</b>	<b>17.2%</b>	<b>21.9%</b>	<b>4.7%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>31.8%</b>	<b>16.7%</b>	<b>40.9%</b>	<b>10.6%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>64.5%</b>	<b>12.5%</b>	<b>18.2%</b>	<b>4.8%</b>			
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FALL RIVER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,817</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>67.5%</b>	Citations per 1000	
	Passing through:	<b>32.5%</b>	18 + residents:	<b>39.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,534)				ITP Stops <sup>3</sup> (N = 504)			
Mean age				Mean age			
<b>37.76</b>				<b>36.34</b>			
Gender %				Gender %			
Female <b>40.1%</b>				Female <b>36.1%</b>			
Male <b>59.9%</b>				Male <b>63.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>14.0%</b>				Race % Mis/Unk <sup>4</sup> <b>13.9%</b>			
AA/Black <b>13.7%</b>				AA/Black <b>11.3%</b>			
Hispanic <b>5.7%</b>				Hispanic <b>8.3%</b>			
White <b>79.2%</b>				White <b>79.0%</b>			
Other <b>1.4%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.7%</b>	<b>5.9%</b>	<b>7.8%</b>	AA/Black	<b>13.7%</b>	<b>14.5%</b>	<b>-0.8%</b>
Hispanic	<b>5.7%</b>	<b>10.5%</b>	<b>-4.8%</b>	Hispanic	<b>5.7%</b>	<b>15.2%</b>	<b>-9.5%</b>
White	<b>79.2%</b>	<b>77.2%</b>	<b>2.0%</b>	White	<b>79.2%</b>	<b>65.1%</b>	<b>14.1%</b>
Other	<b>1.4%</b>	<b>6.4%</b>	<b>-5.0%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	237	<b>20.2%</b>	<b>23.1%</b>	NW	83	<b>21.0%</b>	<b>20.6%</b>
White	902	<b>79.8%</b>	<b>76.9%</b>	White	315	<b>79.0%</b>	<b>79.4%</b>
Chi-square, X-tab <sup>6</sup> : .321 not sig.				Chi-square, X-tab <sup>6</sup> : .917 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .794 not sig.				Odds ratio Exp(B) <sup>7</sup> : .602 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.1%</b>	<b>16.7%</b>	<b>26.9%</b>	<b>1.3%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>44.9%</b>	<b>23.7%</b>	<b>29.7%</b>	<b>1.7%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>61.8%</b>	<b>18.4%</b>	<b>18.4%</b>	<b>1.4%</b>			
Other	<b>57.1%</b>	<b>33.3%</b>	<b>9.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FALMOUTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,392</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.5%</b>	Citations per 1000	
	Passing through:	<b>87.5%</b>	18 + residents:	<b>52.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,163)				ITP Stops <sup>3</sup> (N = 356)			
Mean age				Mean age			
<b>41.27</b>				<b>42.07</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>43.1%</b>			
Male <b>60.1%</b>				Male <b>56.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>8.1%</b>				AA/Black <b>8.6%</b>			
Hispanic <b>4.4%</b>				Hispanic <b>6.6%</b>			
White <b>85.7%</b>				White <b>82.7%</b>			
Other <b>1.7%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.1%</b>	<b>2.0%</b>	<b>6.1%</b>	AA/Black	<b>8.1%</b>	<b>14.5%</b>	<b>-6.4%</b>
Hispanic	<b>4.4%</b>	<b>2.5%</b>	<b>1.9%</b>	Hispanic	<b>4.4%</b>	<b>15.2%</b>	<b>-10.8%</b>
White	<b>85.7%</b>	<b>88.8%</b>	<b>-3.1%</b>	White	<b>85.7%</b>	<b>65.1%</b>	<b>20.6%</b>
Other	<b>1.7%</b>	<b>5.5%</b>	<b>-3.8%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	162	<b>12.1%</b>	<b>19.5%</b>	NW	60	<b>16.1%</b>	<b>21.0%</b>
White	931	<b>87.9%</b>	<b>80.5%</b>	White	253	<b>83.9%</b>	<b>79.0%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .283 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .589* sig.				Odds ratio Exp(B) <sup>7</sup> : .920 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.8%</b>	<b>11.6%</b>	<b>10.7%</b>	<b>8.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>48.2%</b>	<b>3.6%</b>	<b>42.9%</b>	<b>5.4%</b>	White	<b>17</b>	<b>N/A</b>
White	<b>75.0%</b>	<b>6.9%</b>	<b>11.8%</b>	<b>6.4%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FITCHBURG POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,244</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>54.6%</b>	Citations per 1000	
	Passing through:	<b>45.4%</b>	18 + residents:	<b>71.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,541)				ITP Stops <sup>3</sup> (N = 621)			
Mean age				Mean age			
<b>36.45</b>				<b>36.68</b>			
Gender %				Gender %			
Female <b>39.6%</b>				Female <b>37.7%</b>			
Male <b>60.4%</b>				Male <b>62.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>10.8%</b>			
Hispanic <b>24.0%</b>				Hispanic <b>26.4%</b>			
White <b>63.2%</b>				White <b>61.0%</b>			
Other <b>1.5%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>5.0%</b>	<b>6.3%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>24.0%</b>	<b>28.8%</b>	<b>-4.8%</b>	Hispanic	<b>24.0%</b>	<b>15.2%</b>	<b>8.8%</b>
White	<b>63.2%</b>	<b>62.3%</b>	<b>0.9%</b>	White	<b>63.2%</b>	<b>65.1%</b>	<b>-1.9%</b>
Other	<b>1.5%</b>	<b>7.5%</b>	<b>-6.0%</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	503	<b>34.6%</b>	<b>39.9%</b>	NW	213	<b>45.6%</b>	<b>36.5%</b>
White	843	<b>65.4%</b>	<b>60.1%</b>	White	317	<b>54.4%</b>	<b>63.5%</b>
Chi-square, X-tab <sup>6</sup> : .045* sig.				Chi-square, X-tab <sup>6</sup> : .036* sig.			
Odds ratio Exp(B) <sup>7</sup> : .749* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.373 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.2%</b>	<b>3.2%</b>	<b>13.5%</b>	<b>3.2%</b>	NW	<b>10</b>	<b>N/A</b>
Hispanic	<b>84.1%</b>	<b>1.6%</b>	<b>11.6%</b>	<b>2.8%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>86.4%</b>	<b>3.1%</b>	<b>9.2%</b>	<b>1.3%</b>			
Other	<b>90.0%</b>	<b>0.0%</b>	<b>6.7%</b>	<b>3.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .051 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FOXBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,754</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.7%</b>	Citations per 1000	
	Passing through:	<b>77.3%</b>	18 + residents:	<b>191.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,645)				ITP Stops <sup>3</sup> (N = 886)			
Mean age				Mean age			
<b>38.5</b>				<b>38.16</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>32.2%</b>			
Male <b>67.7%</b>				Male <b>67.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>8.6%</b>				AA/Black <b>8.4%</b>			
Hispanic <b>7.4%</b>				Hispanic <b>8.9%</b>			
White <b>80.5%</b>				White <b>79.5%</b>			
Other <b>3.5%</b>				Other <b>3.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.6%</b>	<b>6.0%</b>	<b>2.6%</b>	AA/Black	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
Hispanic	<b>7.4%</b>	<b>5.3%</b>	<b>2.1%</b>	Hispanic	<b>7.4%</b>	<b>15.2%</b>	<b>-7.8%</b>
White	<b>80.5%</b>	<b>83.8%</b>	<b>-3.3%</b>	White	<b>80.5%</b>	<b>65.1%</b>	<b>15.4%</b>
Other	<b>3.5%</b>	<b>6.9%</b>	<b>-3.4%</b>	Other	<b>3.5%</b>	<b>5.2%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	500	<b>18.0%</b>	<b>23.8%</b>	NW	171	<b>21.6%</b>	<b>21.3%</b>
White	2,020	<b>82.0%</b>	<b>76.2%</b>	White	626	<b>78.4%</b>	<b>78.7%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .918 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .635* sig.				Odds ratio Exp(B) <sup>7</sup> : .776 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.3%</b>	<b>3.7%</b>	<b>15.3%</b>	<b>3.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>58.5%</b>	<b>7.8%</b>	<b>26.8%</b>	<b>6.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>83.5%</b>	<b>7.0%</b>	<b>7.0%</b>	<b>2.4%</b>			
Other	<b>86.0%</b>	<b>10.8%</b>	<b>2.2%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FRAMINGHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>4,983</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>47.6%</b>	Citations per 1000	
	Passing through:	<b>52.4%</b>	18 + residents:	<b>83.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,493)				ITP Stops <sup>3</sup> (N = 377)			
Mean age				Mean age			
<b>41.38</b>				<b>39.17</b>			
Gender %				Gender %			
Female <b>41.5%</b>				Female <b>37.5%</b>			
Male <b>58.4%</b>				Male <b>62.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.3%</b>				Race % Mis/Unk <sup>4</sup> <b>10.9%</b>			
AA/Black <b>9.7%</b>				AA/Black <b>11.9%</b>			
Hispanic <b>9.3%</b>				Hispanic <b>9.5%</b>			
White <b>76.0%</b>				White <b>75.6%</b>			
Other <b>4.9%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>7.3%</b>	<b>2.4%</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
Hispanic	<b>9.3%</b>	<b>16.1%</b>	<b>-6.8%</b>	Hispanic	<b>9.3%</b>	<b>15.2%</b>	<b>-5.9%</b>
White	<b>76.0%</b>	<b>63.0%</b>	<b>13.0%</b>	White	<b>76.0%</b>	<b>65.1%</b>	<b>10.9%</b>
Other	<b>4.9%</b>	<b>11.1%</b>	<b>-6.2%</b>	Other	<b>4.9%</b>	<b>5.2%</b>	<b>-0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	976	<b>23.8%</b>	<b>24.7%</b>	NW	72	<b>24.7%</b>	<b>23.1%</b>
White	3,101	<b>76.2%</b>	<b>75.3%</b>	White	229	<b>75.3%</b>	<b>76.9%</b>
Chi-square, X-tab <sup>6</sup> : .658 not sig.				Chi-square, X-tab <sup>6</sup> : .744 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .960 not sig.				Odds ratio Exp(B) <sup>7</sup> : .898 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.9%</b>	<b>9.4%</b>	<b>10.1%</b>	<b>1.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>54.5%</b>	<b>17.5%</b>	<b>26.7%</b>	<b>1.3%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>70.5%</b>	<b>13.3%</b>	<b>14.9%</b>	<b>1.3%</b>			
Other	<b>79.6%</b>	<b>16.7%</b>	<b>1.8%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FRANKLIN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>345</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.9%</b>	Citations per 1000	
	Passing through:	<b>54.1%</b>	18 + residents:	<b>13.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 294)				ITP Stops <sup>3</sup> (N = 127)			
Mean age				Mean age			
<b>35.56</b>				<b>36.69</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>32.5%</b>			
Male <b>67.7%</b>				Male <b>67.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.1%</b>				Race % Mis/Unk <sup>4</sup> <b>8.7%</b>			
AA/Black <b>5.9%</b>				AA/Black <b>5.2%</b>			
Hispanic <b>7.0%</b>				Hispanic <b>6.0%</b>			
White <b>85.3%</b>				White <b>87.1%</b>			
Other <b>1.8%</b>				Other <b>1.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.9%</b>	<b>0.9%</b>	<b>5.0%</b>	AA/Black	<b>5.9%</b>	<b>14.5%</b>	<b>-8.6%</b>
Hispanic	<b>7.0%</b>	<b>1.6%</b>	<b>5.4%</b>	Hispanic	<b>7.0%</b>	<b>15.2%</b>	<b>-8.2%</b>
White	<b>85.3%</b>	<b>89.2%</b>	<b>-3.9%</b>	White	<b>85.3%</b>	<b>65.1%</b>	<b>20.2%</b>
Other	<b>1.8%</b>	<b>8.3%</b>	<b>-6.5%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	<b>13.7%</b>	<b>17.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	216	<b>86.3%</b>	<b>82.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.462	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.829	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>19.0%</b>	<b>28.6%</b>	<b>42.9%</b>	<b>9.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>22.2%</b>	<b>33.3%</b>	<b>22.2%</b>	<b>22.2%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>42.7%</b>	<b>29.6%</b>	<b>17.2%</b>	<b>10.5%</b>			
Other	<b>66.7%</b>	<b>16.7%</b>	<b>0.0%</b>	<b>16.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.040*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### FREETOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>383</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.6%</b>	Citations per 1000	
	Passing through:	<b>80.4%</b>	18 + residents:	<b>51.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 341)				ITP Stops <sup>3</sup> (N = 98)			
Mean age				Mean age			
<b>35.17</b>				<b>34.94</b>			
Gender %				Gender %			
Female <b>33.0%</b>				Female <b>30.9%</b>			
Male <b>67.0%</b>				Male <b>69.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>15.9%</b>				AA/Black <b>11.2%</b>			
Hispanic <b>4.2%</b>				Hispanic <b>6.1%</b>			
White <b>79.3%</b>				White <b>81.6%</b>			
Other <b>0.6%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.9%</b>	<b>0.5%</b>	<b>15.4%</b>	AA/Black	<b>15.9%</b>	<b>14.5%</b>	<b>1.4%</b>
Hispanic	<b>4.2%</b>	<b>3.0%</b>	<b>1.2%</b>	Hispanic	<b>4.2%</b>	<b>15.2%</b>	<b>-11.0%</b>
White	<b>79.3%</b>	<b>93.1%</b>	<b>-13.8%</b>	White	<b>79.3%</b>	<b>65.1%</b>	<b>14.2%</b>
Other	<b>0.6%</b>	<b>3.8%</b>	<b>-3.2%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	66	<b>16.0%</b>	<b>32.4%</b>	NW	17	<b>10.2%</b>	<b>34.4%</b>
White	242	<b>84.0%</b>	<b>67.6%</b>	White	74	<b>89.8%</b>	<b>65.6%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .005* sig.			
Odds ratio Exp(B) <sup>7</sup> : .385* sig.				Odds ratio Exp(B) <sup>7</sup> : .155* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>23.2%</b>	<b>16.1%</b>	<b>57.1%</b>	<b>3.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>7.1%</b>	<b>7.1%</b>	<b>78.6%</b>	<b>7.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>38.9%</b>	<b>22.1%</b>	<b>36.6%</b>	<b>2.3%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .010* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GARDNER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>553</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.1%</b>	Citations per 1000	
	Passing through:	<b>59.9%</b>	18 + residents:	<b>33.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 494)				ITP Stops <sup>3</sup> (N = 129)			
Mean age				Mean age			
<b>39.4</b>				<b>37.39</b>			
Gender %				Gender %			
Female <b>40.5%</b>				Female <b>28.7%</b>			
Male <b>59.3%</b>				Male <b>71.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>4.2%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>10.4%</b>				Hispanic <b>11.5%</b>			
White <b>84.4%</b>				White <b>82.0%</b>			
Other <b>1.1%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>2.8%</b>	<b>1.4%</b>	AA/Black	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
Hispanic	<b>10.4%</b>	<b>9.3%</b>	<b>1.1%</b>	Hispanic	<b>10.4%</b>	<b>15.2%</b>	<b>-4.8%</b>
White	<b>84.4%</b>	<b>81.2%</b>	<b>3.2%</b>	White	<b>84.4%</b>	<b>65.1%</b>	<b>19.3%</b>
Other	<b>1.1%</b>	<b>7.5%</b>	<b>-6.4%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	71	<b>13.8%</b>	<b>20.7%</b>	NW	21	<b>18.2%</b>	<b>18.4%</b>
White	385	<b>86.2%</b>	<b>79.3%</b>	White	94	<b>81.8%</b>	<b>81.6%</b>
Chi-square, X-tab <sup>6</sup> :		.078	not sig.	Chi-square, X-tab <sup>6</sup> :		.975	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.639	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.029	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.8%</b>	<b>8.7%</b>	<b>43.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>35.2%</b>	<b>18.5%</b>	<b>37.0%</b>	<b>9.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>56.2%</b>	<b>16.6%</b>	<b>20.4%</b>	<b>6.9%</b>			
Other	<b>50.0%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.026*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GEORGETOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,033</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.5%</b>	Citations per 1000	
	Passing through:	<b>82.5%</b>	18 + residents:	<b>152</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,015)				ITP Stops <sup>3</sup> (N = 314)			
Mean age				Mean age			
<b>38.28</b>				<b>38.03</b>			
Gender %				Gender %			
Female <b>41.7%</b>				Female <b>37.6%</b>			
Male <b>58.2%</b>				Male <b>62.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>6.0%</b>				AA/Black <b>3.8%</b>			
Hispanic <b>12.3%</b>				Hispanic <b>12.7%</b>			
White <b>78.4%</b>				White <b>81.2%</b>			
Other <b>3.3%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.0%</b>	<b>0.8%</b>	<b>5.2%</b>	AA/Black	<b>6.0%</b>	<b>14.5%</b>	<b>-8.5%</b>
Hispanic	<b>12.3%</b>	<b>3.5%</b>	<b>8.8%</b>	Hispanic	<b>12.3%</b>	<b>15.2%</b>	<b>-2.9%</b>
White	<b>78.4%</b>	<b>93.2%</b>	<b>-14.8%</b>	White	<b>78.4%</b>	<b>65.1%</b>	<b>13.3%</b>
Other	<b>3.3%</b>	<b>2.8%</b>	<b>0.5%</b>	Other	<b>3.3%</b>	<b>5.2%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	209	<b>10.8%</b>	<b>33.6%</b>	NW	50	<b>11.2%</b>	<b>29.9%</b>
White	771	<b>89.2%</b>	<b>66.4%</b>	White	235	<b>88.8%</b>	<b>70.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .215* sig.				Odds ratio Exp(B) <sup>7</sup> : .278* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.4%</b>	<b>4.8%</b>	<b>15.9%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>65.9%</b>	<b>11.9%</b>	<b>19.0%</b>	<b>3.2%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>80.4%</b>	<b>12.5%</b>	<b>5.5%</b>	<b>1.6%</b>			
Other	<b>84.8%</b>	<b>9.1%</b>	<b>6.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GLOUCESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>489</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>62.8%</b>	Citations per 1000	
	Passing through:	<b>37.2%</b>	18 + residents:	<b>19.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 401)				ITP Stops <sup>3</sup> (N = 894)			
Mean age				Mean age			
<b>39.71</b>				<b>22</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>44.0%</b>			
Male <b>63.2%</b>				Male <b>56.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>9.2%</b>				Race % Mis/Unk <sup>4</sup> <b>12.0%</b>			
AA/Black <b>2.7%</b>				AA/Black <b>25.0%</b>			
Hispanic <b>11.8%</b>				Hispanic <b>5.0%</b>			
White <b>84.6%</b>				White <b>25.0%</b>			
Other <b>0.8%</b>				Other <b>45.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.7%</b>	<b>1.7%</b>	<b>1.0%</b>	AA/Black	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
Hispanic	<b>11.8%</b>	<b>2.4%</b>	<b>9.4%</b>	Hispanic	<b>11.8%</b>	<b>15.2%</b>	<b>-3.4%</b>
White	<b>84.6%</b>	<b>91.9%</b>	<b>-7.3%</b>	White	<b>84.6%</b>	<b>65.1%</b>	<b>19.5%</b>
Other	<b>0.8%</b>	<b>4.2%</b>	<b>-3.4%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	<b>14.2%</b>	<b>19.4%</b>	NW	65	<b>78.0%</b>	<b>56.0%</b>
White	292	<b>85.8%</b>	<b>80.6%</b>	White	210	<b>22.0%</b>	<b>44.0%</b>
Chi-square, X-tab <sup>6</sup> : .244 not sig.				Chi-square, X-tab <sup>6</sup> : .485 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .931 not sig.				Odds ratio Exp(B) <sup>7</sup> : .899 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>0.0%</b>	<b>60.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>13.0%</b>	<b>1.9%</b>	<b>70.4%</b>	<b>14.8%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>38.2%</b>	<b>15.4%</b>	<b>32.2%</b>	<b>14.1%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GRAFTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,463</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.5%</b>	Citations per 1000	
	Passing through:	<b>84.5%</b>	18 + residents:	<b>102.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,372)				ITP Stops <sup>3</sup> (N = 541)			
Mean age				Mean age			
<b>39.64</b>				<b>39.62</b>			
Gender %				Gender %			
Female <b>41.5%</b>				Female <b>38.0%</b>			
Male <b>58.3%</b>				Male <b>61.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>3.7%</b>				AA/Black <b>3.2%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>6.6%</b>			
White <b>83.8%</b>				White <b>86.0%</b>			
Other <b>5.1%</b>				Other <b>4.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>3.1%</b>	<b>0.6%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>7.5%</b>	<b>6.3%</b>	<b>1.2%</b>	Hispanic	<b>7.5%</b>	<b>15.2%</b>	<b>-7.7%</b>
White	<b>83.8%</b>	<b>78.9%</b>	<b>4.9%</b>	White	<b>83.8%</b>	<b>65.1%</b>	<b>18.7%</b>
Other	<b>5.1%</b>	<b>11.7%</b>	<b>-6.6%</b>	Other	<b>5.1%</b>	<b>5.2%</b>	<b>-0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	206	<b>13.2%</b>	<b>25.6%</b>	NW	62	<b>12.6%</b>	<b>15.7%</b>
White	1,061	<b>86.8%</b>	<b>74.4%</b>	White	393	<b>87.4%</b>	<b>84.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .362 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .449* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.053 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.4%</b>	<b>3.6%</b>	<b>16.1%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>61.6%</b>	<b>5.4%</b>	<b>26.8%</b>	<b>6.3%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>87.8%</b>	<b>5.8%</b>	<b>4.5%</b>	<b>1.9%</b>			
Other	<b>84.7%</b>	<b>11.1%</b>	<b>4.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GRANBY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>913</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.2%</b>	Citations per 1000	
	Passing through:	<b>91.8%</b>	18 + residents:	<b>174.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 891)				ITP Stops <sup>3</sup> (N = 338)			
Mean age				Mean age			
<b>36.2</b>				<b>36.93</b>			
Gender %				Gender %			
Female <b>38.4%</b>				Female <b>38.1%</b>			
Male <b>61.5%</b>				Male <b>61.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>9.7%</b>				AA/Black <b>8.5%</b>			
Hispanic <b>9.4%</b>				Hispanic <b>9.8%</b>			
White <b>78.0%</b>				White <b>79.0%</b>			
Other <b>2.9%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>1.0%</b>	<b>8.7%</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
Hispanic	<b>9.4%</b>	<b>3.9%</b>	<b>5.5%</b>	Hispanic	<b>9.4%</b>	<b>15.2%</b>	<b>-5.8%</b>
White	<b>78.0%</b>	<b>92.2%</b>	<b>-14.2%</b>	White	<b>78.0%</b>	<b>65.1%</b>	<b>12.9%</b>
Other	<b>2.9%</b>	<b>2.1%</b>	<b>0.8%</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	181	<b>17.7%</b>	<b>29.8%</b>	NW	62	<b>16.5%</b>	<b>27.9%</b>
White	645	<b>82.3%</b>	<b>70.2%</b>	White	242	<b>83.5%</b>	<b>72.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .019* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .555* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .473 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.9%</b>	<b>9.2%</b>	<b>6.9%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>85.0%</b>	<b>6.3%</b>	<b>8.8%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>83.7%</b>	<b>10.4%</b>	<b>5.1%</b>	<b>0.7%</b>			
Other	<b>92.0%</b>	<b>0.0%</b>	<b>8.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .579 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GRANVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>589</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population						
	Intown motorist: <b>18.9%</b>			Citations per 1000						
	Passing through: <b>81.1%</b>			18 + residents: <b>N/A</b>						
<sup>1</sup> Total citations issued by department, <u>including</u> multiple-citation encounters and crashes										
All Stops <sup>2</sup> (N = 587)					ITP Stops <sup>3</sup> (N = 354)					
Mean age					Mean age					
<b>40.42</b>					<b>40.25</b>					
Gender %					Gender %					
Female		<b>31.1%</b>			Female		<b>26.1%</b>			
Male		<b>68.9%</b>			Male		<b>73.9%</b>			
Non-binary		<b>0.0%</b>			Non-binary		<b>0.0%</b>			
Race	%	Mis/Unk <sup>4</sup>	<b>2.6%</b>		Race	%	Mis/Unk <sup>4</sup>	<b>2.5%</b>		
AA/Black		<b>1.6%</b>		AA/Black		<b>0.6%</b>				
Hispanic		<b>2.6%</b>		Hispanic		<b>3.5%</b>				
White		<b>94.8%</b>		White		<b>95.4%</b>				
Other		<b>1.0%</b>		Other		<b>0.6%</b>				
<sup>2</sup> Total unique stop incidents by department, <u>excluding</u> multiple-citation encounters and crashes										
<sup>3</sup> <u>Only</u> those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)										
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)										
Comparative Analyses										
Stops vs. U.S. Census Demographics					Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif		Motorist Race		State Avg	%Dif		
AA/Black	<b>1.6%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black	<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>		
Hispanic	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic	<b>2.6%</b>	<b>15.2%</b>	<b>-12.6%</b>		
White	<b>94.8%</b>	<b>N/A</b>	<b>N/A</b>		White	<b>94.8%</b>	<b>65.1%</b>	<b>29.7%</b>		
Other	<b>1.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>			
<sup>5</sup> State average represents racial/ethnic breakdown of <i>all</i> 2022 stops by <i>all</i> MA departments										
VoD Analyses										
All Stops <sup>2</sup>					ITP Stops <sup>3</sup>					
Race		N	Daylight		Darkness	Race		N	Daylight	Darkness
NW		27	<b>5.5%</b>		<b>3.6%</b>	NW		13	<b>4.0%</b>	<b>4.0%</b>
White		523	<b>94.5%</b>		<b>96.4%</b>	White		310	<b>96.0%</b>	<b>96.0%</b>
Chi-square, X-tab <sup>6</sup> :		.356	<i>not sig.</i>		Chi-square, X-tab <sup>6</sup> :		.986	<i>not sig.</i>		
Odds ratio Exp(B) <sup>7</sup> :		1.167	<i>not sig.</i>		Odds ratio Exp(B) <sup>7</sup> :		.261	<i>not sig.</i>		
<sup>6</sup> Sig. <i>Chi-square</i> indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone										
<sup>7</sup> <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.										
Citation Outcomes by Race <sup>8</sup>										
	Warning	Civil	Criminal	Arrest		Search?				
AA/Black	<b>22.2%</b>	<b>33.3%</b>	<b>44.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>			
Hispanic	<b>46.7%</b>	<b>20.0%</b>	<b>33.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>			
White	<b>51.5%</b>	<b>40.4%</b>	<b>8.1%</b>	<b>0.0%</b>						
Other	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent			
Chi-square, X-tab <sup>6</sup> :				<b>.000* sig.</b>						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes										

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GREAT BARRINGTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>113</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.9%</b>	Citations per 1000	
	Passing through:	<b>62.1%</b>	18 + residents:	<b>19.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 95)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.74</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>27.7%</b>				Female <b>N/A</b>			
Male <b>72.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>9.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>11.6%</b>				Hispanic <b>N/A</b>			
White <b>84.9%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.5%</b>	<b>2.0%</b>	<b>1.5%</b>	AA/Black	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
Hispanic	<b>11.6%</b>	<b>3.5%</b>	<b>8.1%</b>	Hispanic	<b>11.6%</b>	<b>15.2%</b>	<b>-3.6%</b>
White	<b>84.9%</b>	<b>87.7%</b>	<b>-2.8%</b>	White	<b>84.9%</b>	<b>65.1%</b>	<b>19.8%</b>
Other	<b>0.0%</b>	<b>7.1%</b>	<b>-7.1%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	13	<b>10.2%</b>	<b>26.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	66	<b>89.8%</b>	<b>73.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .055 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .385 not sig.				Odds ratio Exp(B) <sup>7</sup> : .899 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>20.0%</b>	<b>40.0%</b>	<b>40.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>18.2%</b>	<b>9.1%</b>	<b>27.3%</b>	<b>45.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>23.0%</b>	<b>15.0%</b>	<b>49.4%</b>	<b>12.6%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .200 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GREENFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,081</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>48.9%</b>	Citations per 1000	
	Passing through:	<b>51.1%</b>	18 + residents:	<b>227.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 933)				ITP Stops <sup>3</sup> (N = 248)			
Mean age				Mean age			
<b>40.7</b>				<b>41.39</b>			
Gender %				Gender %			
Female <b>41.6%</b>				Female <b>39.3%</b>			
Male <b>58.0%</b>				Male <b>60.7%</b>			
Non-binary <b>0.4%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>4.2%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>5.3%</b>			
White <b>89.6%</b>				White <b>88.2%</b>			
Other <b>1.2%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>0.2%</b>	<b>4.0%</b>	AA/Black	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
Hispanic	<b>5.0%</b>	<b>1.4%</b>	<b>3.6%</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>89.6%</b>	<b>91.0%</b>	<b>-1.4%</b>	White	<b>89.6%</b>	<b>65.1%</b>	<b>24.5%</b>
Other	<b>1.2%</b>	<b>7.5%</b>	<b>-6.3%</b>	Other	<b>1.2%</b>	<b>5.2%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	93	<b>7.6%</b>	<b>14.2%</b>	NW	26	<b>9.9%</b>	<b>15.2%</b>
White	765	<b>92.4%</b>	<b>85.8%</b>	White	180	<b>90.1%</b>	<b>84.8%</b>
Chi-square, X-tab <sup>6</sup> : .002* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .249 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .521* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .487 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.0%</b>	<b>2.0%</b>	<b>16.0%</b>	<b>10.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>66.0%</b>	<b>8.5%</b>	<b>19.1%</b>	<b>6.4%</b>	White	<b>15</b>	<b>N/A</b>
White	<b>85.0%</b>	<b>3.2%</b>	<b>8.0%</b>	<b>3.8%</b>			
Other	<b>83.3%</b>	<b>8.3%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .008* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GROTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,977</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.6%</b>	Citations per 1000	
	Passing through:	<b>78.4%</b>	18 + residents:	<b>227.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,933)				ITP Stops <sup>3</sup> (N = 1,049)			
Mean age				Mean age			
<b>40.12</b>				<b>39.1</b>			
Gender %				Gender %			
Female <b>41.1%</b>				Female <b>39.0%</b>			
Male <b>58.9%</b>				Male <b>61.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>3.8%</b>				AA/Black <b>3.8%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>5.9%</b>			
White <b>85.5%</b>				White <b>84.6%</b>			
Other <b>5.5%</b>				Other <b>5.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.8%</b>	<b>0.2%</b>	<b>3.6%</b>	AA/Black	<b>3.8%</b>	<b>14.5%</b>	<b>-10.7%</b>
Hispanic	<b>5.2%</b>	<b>1.4%</b>	<b>3.8%</b>	Hispanic	<b>5.2%</b>	<b>15.2%</b>	<b>-10.0%</b>
White	<b>85.5%</b>	<b>91.0%</b>	<b>-5.5%</b>	White	<b>85.5%</b>	<b>65.1%</b>	<b>20.4%</b>
Other	<b>5.5%</b>	<b>7.5%</b>	<b>-2.0%</b>	Other	<b>5.5%</b>	<b>5.2%</b>	<b>0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	263	<b>13.3%</b>	<b>18.7%</b>	NW	147	<b>15.2%</b>	<b>16.7%</b>
White	1,552	<b>86.7%</b>	<b>81.3%</b>	White	798	<b>84.8%</b>	<b>83.3%</b>
Chi-square, X-tab <sup>6</sup> : .007* sig.				Chi-square, X-tab <sup>6</sup> : .578 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .648* sig.				Odds ratio Exp(B) <sup>7</sup> : .779 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.0%</b>	<b>10.8%</b>	<b>9.5%</b>	<b>2.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>66.3%</b>	<b>8.9%</b>	<b>21.8%</b>	<b>3.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>85.7%</b>	<b>8.2%</b>	<b>4.8%</b>	<b>1.3%</b>			
Other	<b>81.0%</b>	<b>12.4%</b>	<b>6.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### GROVELAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>382</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.5%</b>	Citations per 1000	
	Passing through:	<b>88.5%</b>	18 + residents:	<b>70</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 373)				ITP Stops <sup>3</sup> (N = 122)			
Mean age				Mean age			
<b>37.15</b>				<b>36.25</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>29.1%</b>			
Male <b>66.0%</b>				Male <b>70.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>3.7%</b>				AA/Black <b>1.7%</b>			
Hispanic <b>15.2%</b>				Hispanic <b>16.8%</b>			
White <b>79.0%</b>				White <b>77.3%</b>			
Other <b>2.0%</b>				Other <b>4.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>0.0%</b>	<b>3.7%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>15.2%</b>	<b>3.2%</b>	<b>12.0%</b>	Hispanic	<b>15.2%</b>	<b>15.2%</b>	<b>0.0%</b>
White	<b>79.0%</b>	<b>95.9%</b>	<b>-16.9%</b>	White	<b>79.0%</b>	<b>65.1%</b>	<b>13.9%</b>
Other	<b>2.0%</b>	<b>1.3%</b>	<b>0.7%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	73	<b>18.3%</b>	<b>33.3%</b>	NW	27	<b>22.2%</b>	<b>28.0%</b>
White	269	<b>81.7%</b>	<b>66.7%</b>	White	88	<b>77.8%</b>	<b>72.0%</b>
Chi-square, X-tab <sup>6</sup> :		.007*	sig.	Chi-square, X-tab <sup>6</sup> :		.547	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.394*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.741	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.5%</b>	<b>15.4%</b>	<b>23.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>39.6%</b>	<b>13.2%</b>	<b>41.5%</b>	<b>5.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>63.8%</b>	<b>19.5%</b>	<b>14.5%</b>	<b>2.1%</b>			
Other	<b>57.1%</b>	<b>28.6%</b>	<b>14.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HADLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>920</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.5%</b>	Citations per 1000	
	Passing through:	<b>93.5%</b>	18 + residents:	<b>205.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 882)				ITP Stops <sup>3</sup> (N = 235)			
Mean age				Mean age			
<b>32.78</b>				<b>33.54</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>37.2%</b>			
Male <b>63.7%</b>				Male <b>62.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>12.9%</b>				AA/Black <b>12.0%</b>			
Hispanic <b>9.6%</b>				Hispanic <b>9.4%</b>			
White <b>71.2%</b>				White <b>72.5%</b>			
Other <b>6.3%</b>				Other <b>6.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.9%</b>	<b>7.9%</b>	<b>5.0%</b>	AA/Black	<b>12.9%</b>	<b>14.5%</b>	<b>-1.6%</b>
Hispanic	<b>9.6%</b>	<b>2.3%</b>	<b>7.3%</b>	Hispanic	<b>9.6%</b>	<b>15.2%</b>	<b>-5.6%</b>
White	<b>71.2%</b>	<b>84.6%</b>	<b>-13.4%</b>	White	<b>71.2%</b>	<b>65.1%</b>	<b>6.1%</b>
Other	<b>6.3%</b>	<b>5.7%</b>	<b>0.6%</b>	Other	<b>6.3%</b>	<b>5.2%</b>	<b>1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	236	<b>23.7%</b>	<b>32.9%</b>	NW	54	<b>28.2%</b>	<b>22.8%</b>
White	587	<b>76.3%</b>	<b>67.1%</b>	White	155	<b>71.8%</b>	<b>77.2%</b>
Chi-square, X-tab <sup>6</sup> : .004* sig.				Chi-square, X-tab <sup>6</sup> : .378 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .668* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.376 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.4%</b>	<b>11.6%</b>	<b>27.3%</b>	<b>5.8%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>46.1%</b>	<b>10.1%</b>	<b>24.7%</b>	<b>19.1%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>72.8%</b>	<b>10.6%</b>	<b>10.9%</b>	<b>5.6%</b>			
Other	<b>61.8%</b>	<b>20.0%</b>	<b>12.7%</b>	<b>5.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HALIFAX POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>404</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.3%</b>	Citations per 1000	
	Passing through:	<b>93.7%</b>	18 + residents:	<b>65.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 394)				ITP Stops <sup>3</sup> (N = 115)			
Mean age				Mean age			
<b>37.68</b>				<b>35.79</b>			
Gender %				Gender %			
Female <b>24.6%</b>				Female <b>29.4%</b>			
Male <b>75.4%</b>				Male <b>70.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>69.8%</b>				Race % Mis/Unk <sup>4</sup> <b>67.8%</b>			
AA/Black <b>0.8%</b>				AA/Black <b>24.3%</b>			
Hispanic <b>16.8%</b>				Hispanic <b>0.0%</b>			
White <b>81.5%</b>				White <b>75.7%</b>			
Other <b>0.8%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.8%</b>	<b>0.0%</b>	<b>0.8%</b>	AA/Black	<b>0.8%</b>	<b>14.5%</b>	<b>-13.7%</b>
Hispanic	<b>16.8%</b>	<b>2.5%</b>	<b>14.3%</b>	Hispanic	<b>16.8%</b>	<b>15.2%</b>	<b>1.6%</b>
White	<b>81.5%</b>	<b>93.0%</b>	<b>-11.5%</b>	White	<b>81.5%</b>	<b>65.1%</b>	<b>16.4%</b>
Other	<b>0.8%</b>	<b>5.8%</b>	<b>-5.0%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>55.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>37.9%</b>	<b>46.6%</b>	<b>12.6%</b>	<b>2.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.242	not sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HAMILTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>512</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.8%</b>	Citations per 1000	
	Passing through:	<b>99.2%</b>	18 + residents:	<b>85.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 496)				ITP Stops <sup>3</sup> (N = 243)			
Mean age				Mean age			
<b>40.29</b>				<b>39.8</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>33.2%</b>			
Male <b>62.5%</b>				Male <b>66.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>1.2%</b>				AA/Black <b>0.4%</b>			
Hispanic <b>4.7%</b>				Hispanic <b>3.3%</b>			
White <b>91.6%</b>				White <b>93.3%</b>			
Other <b>2.4%</b>				Other <b>2.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.2%</b>	<b>0.3%</b>	<b>0.9%</b>	AA/Black	<b>1.2%</b>	<b>14.5%</b>	<b>-13.3%</b>
Hispanic	<b>4.7%</b>	<b>1.5%</b>	<b>3.2%</b>	Hispanic	<b>4.7%</b>	<b>15.2%</b>	<b>-10.5%</b>
White	<b>91.6%</b>	<b>91.0%</b>	<b>0.6%</b>	White	<b>91.6%</b>	<b>65.1%</b>	<b>26.5%</b>
Other	<b>2.4%</b>	<b>7.3%</b>	<b>-4.9%</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	<b>7.2%</b>	<b>14.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	440	<b>92.8%</b>	<b>85.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.043*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.356*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.5%</b>	<b>12.5%</b>	<b>12.5%</b>	<b>12.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>56.0%</b>	<b>4.0%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>83.9%</b>	<b>6.8%</b>	<b>9.2%</b>	<b>0.2%</b>			
Other	<b>69.3%</b>	<b>7.7%</b>	<b>23.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HAMPDEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>256</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.2%</b>	Citations per 1000	
	Passing through:	<b>75.8%</b>	18 + residents:	<b>59.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 240)				ITP Stops <sup>3</sup> (N = 111)			
Mean age				Mean age			
<b>35.12</b>				<b>35.86</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>38.2%</b>			
Male <b>62.4%</b>				Male <b>61.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.4%</b>				Race % Mis/Unk <sup>4</sup> <b>6.3%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>3.8%</b>			
Hispanic <b>4.8%</b>				Hispanic <b>7.7%</b>			
White <b>91.2%</b>				White <b>88.5%</b>			
Other <b>0.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>0.2%</b>	<b>3.8%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>4.8%</b>	<b>3.7%</b>	<b>1.1%</b>	Hispanic	<b>4.8%</b>	<b>15.2%</b>	<b>-10.4%</b>
White	<b>91.2%</b>	<b>93.9%</b>	<b>-2.7%</b>	White	<b>91.2%</b>	<b>65.1%</b>	<b>26.1%</b>
Other	<b>0.0%</b>	<b>5.5%</b>	<b>-5.5%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.6%</b>	<b>33.3%</b>	<b>11.1%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>61.5%</b>	<b>7.7%</b>	<b>30.8%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>68.8%</b>	<b>15.4%</b>	<b>15.8%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.347	<i>not sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HANOVER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,321</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.6%</b>	Citations per 1000	
	Passing through:	<b>81.4%</b>	18 + residents:	<b>122.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,165)				ITP Stops <sup>3</sup> (N = 439)			
Mean age				Mean age			
<b>39.09</b>				<b>38.81</b>			
Gender %				Gender %			
Female <b>39.3%</b>				Female <b>37.2%</b>			
Male <b>60.6%</b>				Male <b>62.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>			
AA/Black <b>7.1%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>3.1%</b>				Hispanic <b>3.5%</b>			
White <b>88.8%</b>				White <b>89.9%</b>			
Other <b>1.0%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.1%</b>	<b>1.0%</b>	<b>6.1%</b>	AA/Black	<b>7.1%</b>	<b>14.5%</b>	<b>-7.4%</b>
Hispanic	<b>3.1%</b>	<b>0.6%</b>	<b>2.5%</b>	Hispanic	<b>3.1%</b>	<b>15.2%</b>	<b>-12.1%</b>
White	<b>88.8%</b>	<b>96.5%</b>	<b>-7.7%</b>	White	<b>88.8%</b>	<b>65.1%</b>	<b>23.7%</b>
Other	<b>1.0%</b>	<b>1.2%</b>	<b>-0.2%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	117	<b>10.6%</b>	<b>14.6%</b>	NW	38	<b>12.6%</b>	<b>8.8%</b>
White	896	<b>89.4%</b>	<b>85.4%</b>	White	299	<b>87.4%</b>	<b>91.2%</b>
Chi-square, X-tab <sup>6</sup> : .082 not sig.				Chi-square, X-tab <sup>6</sup> : .299 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .836 not sig.				Odds ratio Exp(B) <sup>7</sup> : 5.374* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.2%</b>	<b>27.0%</b>	<b>14.6%</b>	<b>2.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>30.2%</b>	<b>18.9%</b>	<b>49.1%</b>	<b>1.9%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>67.1%</b>	<b>22.3%</b>	<b>7.6%</b>	<b>3.0%</b>			
Other	<b>58.3%</b>	<b>25.0%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HANSON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,052</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.3%</b>	Citations per 1000	
	Passing through:	<b>80.7%</b>	18 + residents:	<b>119.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,029)				ITP Stops <sup>3</sup> (N = 496)			
Mean age				Mean age			
<b>37.26</b>				<b>36.7</b>			
Gender %				Gender %			
Female <b>36.9%</b>				Female <b>34.9%</b>			
Male <b>62.9%</b>				Male <b>65.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>9.9%</b>				AA/Black <b>11.0%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>5.6%</b>			
White <b>84.5%</b>				White <b>82.8%</b>			
Other <b>0.6%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.9%</b>	<b>0.3%</b>	<b>9.6%</b>	AA/Black	<b>9.9%</b>	<b>14.5%</b>	<b>-4.6%</b>
Hispanic	<b>5.0%</b>	<b>0.9%</b>	<b>4.1%</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>84.5%</b>	<b>93.3%</b>	<b>-8.8%</b>	White	<b>84.5%</b>	<b>65.1%</b>	<b>19.4%</b>
Other	<b>0.6%</b>	<b>4.8%</b>	<b>-4.2%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	151	<b>13.5%</b>	<b>22.2%</b>	NW	79	<b>18.0%</b>	<b>17.5%</b>
White	808	<b>86.5%</b>	<b>77.8%</b>	White	364	<b>82.0%</b>	<b>82.5%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .911 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .466* sig.				Odds ratio Exp(B) <sup>7</sup> : .997 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.7%</b>	<b>10.1%</b>	<b>21.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>6.0%</b>	<b>34.0%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>79.1%</b>	<b>10.1%</b>	<b>8.8%</b>	<b>2.0%</b>			
Other	<b>42.9%</b>	<b>0.0%</b>	<b>57.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HARDWICK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>262</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.2%</b>	Citations per 1000	
	Passing through:	<b>75.8%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 252)				ITP Stops <sup>3</sup> (N = 135)			
Mean age				Mean age			
<b>38.19</b>				<b>36.75</b>			
Gender %				Gender %			
Female <b>31.0%</b>				Female <b>29.6%</b>			
Male <b>69.0%</b>				Male <b>70.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>3.0%</b>			
Hispanic <b>5.6%</b>				Hispanic <b>6.7%</b>			
White <b>89.3%</b>				White <b>89.6%</b>			
Other <b>1.2%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.6%</b>	<b>15.2%</b>	<b>-9.6%</b>
White	<b>89.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.3%</b>	<b>65.1%</b>	<b>24.2%</b>
Other	<b>1.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.2%</b>	<b>5.2%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	<b>10.2%</b>	<b>12.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	211	<b>89.8%</b>	<b>87.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.673	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.629	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>13.3%</b>	<b>53.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>76.1%</b>	<b>11.5%</b>	<b>7.3%</b>	<b>5.1%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000* sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HARVARD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>405</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.1%</b>	Citations per 1000	
	Passing through:	<b>76.9%</b>	18 + residents:	<b>77.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 385)				ITP Stops <sup>3</sup> (N = 122)			
Mean age				Mean age			
<b>45.15</b>				<b>44.12</b>			
Gender %				Gender %			
Female <b>38.1%</b>				Female <b>41.0%</b>			
Male <b>61.9%</b>				Male <b>59.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.3%</b>			
AA/Black <b>3.7%</b>				AA/Black <b>2.5%</b>			
Hispanic <b>5.6%</b>				Hispanic <b>6.8%</b>			
White <b>85.4%</b>				White <b>87.3%</b>			
Other <b>5.3%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>8.1%</b>	<b>-4.4%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>5.6%</b>	<b>9.7%</b>	<b>-4.1%</b>	Hispanic	<b>5.6%</b>	<b>15.2%</b>	<b>-9.6%</b>
White	<b>85.4%</b>	<b>77.5%</b>	<b>7.9%</b>	White	<b>85.4%</b>	<b>65.1%</b>	<b>20.3%</b>
Other	<b>5.3%</b>	<b>9.2%</b>	<b>-3.9%</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	50	<b>16.2%</b>	<b>9.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	292	<b>83.8%</b>	<b>90.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.140	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.579	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>35.7%</b>	<b>7.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>56.5%</b>	<b>17.4%</b>	<b>26.1%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>76.0%</b>	<b>20.2%</b>	<b>3.6%</b>	<b>0.3%</b>			
Other	<b>72.7%</b>	<b>18.2%</b>	<b>9.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.003*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HARWICH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>401</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.8%</b>	Citations per 1000	
	Passing through:	<b>73.2%</b>	18 + residents:	<b>38.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 362)				ITP Stops <sup>3</sup> (N = 154)			
Mean age				Mean age			
<b>37.13</b>				<b>35.78</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>34.0%</b>			
Male <b>63.9%</b>				Male <b>66.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>13.4%</b>				AA/Black <b>11.8%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>3.9%</b>			
White <b>80.7%</b>				White <b>81.6%</b>			
Other <b>2.2%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.4%</b>	<b>3.2%</b>	<b>10.2%</b>	AA/Black	<b>13.4%</b>	<b>14.5%</b>	<b>-1.1%</b>
Hispanic	<b>3.6%</b>	<b>2.2%</b>	<b>1.4%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>80.7%</b>	<b>91.8%</b>	<b>-11.1%</b>	White	<b>80.7%</b>	<b>65.1%</b>	<b>15.6%</b>
Other	<b>2.2%</b>	<b>2.0%</b>	<b>0.2%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	<b>15.4%</b>	<b>28.6%</b>	NW	28	<b>18.0%</b>	<b>20.8%</b>
White	277	<b>84.6%</b>	<b>71.4%</b>	White	120	<b>82.0%</b>	<b>79.2%</b>
Chi-square, X-tab <sup>6</sup> : .004* sig.				Chi-square, X-tab <sup>6</sup> : .680 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .431* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.209 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>41.5%</b>	<b>11.3%</b>	<b>34.0%</b>	<b>13.2%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>28.6%</b>	<b>21.4%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>64.4%</b>	<b>15.3%</b>	<b>13.4%</b>	<b>6.9%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>12.5%</b>	<b>12.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HAVERHILL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>6,148</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>53.6%</b>	Citations per 1000	
	Passing through:	<b>46.4%</b>	18 + residents:	<b>124.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,832)				ITP Stops <sup>3</sup> (N = 2,514)			
Mean age				Mean age			
<b>37.73</b>				<b>37.31</b>			
Gender %				Gender %			
Female <b>43.0%</b>				Female <b>41.0%</b>			
Male <b>57.0%</b>				Male <b>59.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>4.9%</b>			
Hispanic <b>15.2%</b>				Hispanic <b>17.0%</b>			
White <b>77.9%</b>				White <b>76.8%</b>			
Other <b>1.2%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>3.6%</b>	<b>2.0%</b>	AA/Black	<b>5.6%</b>	<b>14.5%</b>	<b>-8.9%</b>
Hispanic	<b>15.2%</b>	<b>23.2%</b>	<b>-8.0%</b>	Hispanic	<b>15.2%</b>	<b>15.2%</b>	<b>0.0%</b>
White	<b>77.9%</b>	<b>69.7%</b>	<b>8.2%</b>	White	<b>77.9%</b>	<b>65.1%</b>	<b>12.8%</b>
Other	<b>1.2%</b>	<b>6.2%</b>	<b>-5.0%</b>	Other	<b>1.2%</b>	<b>5.2%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,189	<b>19.0%</b>	<b>30.4%</b>	NW	531	<b>20.9%</b>	<b>28.2%</b>
White	4,163	<b>81.0%</b>	<b>69.6%</b>	White	1,744	<b>79.1%</b>	<b>71.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .518* sig.				Odds ratio Exp(B) <sup>7</sup> : .525* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.6%</b>	<b>20.5%</b>	<b>18.7%</b>	<b>1.2%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>20.4%</b>	<b>17.5%</b>	<b>2.1%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>58.5%</b>	<b>31.7%</b>	<b>8.8%</b>	<b>1.1%</b>			
Other	<b>50.7%</b>	<b>39.4%</b>	<b>9.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HINGHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,796</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.7%</b>	Citations per 1000	
	Passing through:	<b>73.3%</b>	18 + residents:	<b>208.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,659)				ITP Stops <sup>3</sup> (N = 1,301)			
Mean age				Mean age			
<b>42.32</b>				<b>41.64</b>			
Gender %				Gender %			
Female <b>42.0%</b>				Female <b>42.9%</b>			
Male <b>58.0%</b>				Male <b>57.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>5.1%</b>				AA/Black <b>3.9%</b>			
Hispanic <b>3.2%</b>				Hispanic <b>2.7%</b>			
White <b>88.4%</b>				White <b>89.6%</b>			
Other <b>3.3%</b>				Other <b>3.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.1%</b>	<b>0.5%</b>	<b>4.6%</b>	AA/Black	<b>5.1%</b>	<b>14.5%</b>	<b>-9.4%</b>
Hispanic	<b>3.2%</b>	<b>1.1%</b>	<b>2.1%</b>	Hispanic	<b>3.2%</b>	<b>15.2%</b>	<b>-12.0%</b>
White	<b>88.4%</b>	<b>95.2%</b>	<b>-6.8%</b>	White	<b>88.4%</b>	<b>65.1%</b>	<b>23.3%</b>
Other	<b>3.3%</b>	<b>3.3%</b>	<b>0.0%</b>	Other	<b>3.3%</b>	<b>5.2%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	405	<b>10.2%</b>	<b>16.8%</b>	NW	121	<b>9.3%</b>	<b>12.8%</b>
White	3,064	<b>89.8%</b>	<b>83.2%</b>	White	1,027	<b>90.7%</b>	<b>87.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .064 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .512* sig.				Odds ratio Exp(B) <sup>7</sup> : .606 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.3%</b>	<b>12.9%</b>	<b>9.3%</b>	<b>2.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>70.7%</b>	<b>16.3%</b>	<b>8.9%</b>	<b>4.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>83.7%</b>	<b>13.7%</b>	<b>1.8%</b>	<b>0.9%</b>			
Other	<b>86.0%</b>	<b>11.6%</b>	<b>1.7%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HINSDALE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>205</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.0%</b>	Citations per 1000	
	Passing through:	<b>71.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 200)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>43.5</b>				<b>N/A</b>			
Gender	%			Gender	%		
Female		<b>44.5%</b>		Female		<b>N/A</b>	
Male		<b>55.0%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.5%</b>		Non-binary		<b>N/A</b>	
Race	%	Mis/Unk <sup>4</sup>	<b>2.0%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black		<b>1.0%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>0.5%</b>		Hispanic		<b>N/A</b>	
White		<b>98.5%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.0%</b>	<b>14.5%</b>	<b>-13.5%</b>
Hispanic	<b>0.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.5%</b>	<b>15.2%</b>	<b>-14.7%</b>
White	<b>98.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>98.5%</b>	<b>65.1%</b>	<b>33.4%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>86.9%</b>	<b>7.1%</b>	<b>3.0%</b>	<b>3.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.998	<i>not sig.</i>					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOLBROOK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>752</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.0%</b>	Citations per 1000	
	Passing through:	<b>79.0%</b>	18 + residents:	<b>83.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 670)				ITP Stops <sup>3</sup> (N = 295)			
Mean age				Mean age			
<b>39.38</b>				<b>39.06</b>			
Gender %				Gender %			
Female <b>38.0%</b>				Female <b>37.2%</b>			
Male <b>62.0%</b>				Male <b>62.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>29.3%</b>				AA/Black <b>28.7%</b>			
Hispanic <b>13.7%</b>				Hispanic <b>12.6%</b>			
White <b>50.8%</b>				White <b>51.9%</b>			
Other <b>6.2%</b>				Other <b>6.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>29.3%</b>	<b>16.8%</b>	<b>12.5%</b>	AA/Black	<b>29.3%</b>	<b>14.5%</b>	<b>14.8%</b>
Hispanic	<b>13.7%</b>	<b>6.6%</b>	<b>7.1%</b>	Hispanic	<b>13.7%</b>	<b>15.2%</b>	<b>-1.5%</b>
White	<b>50.8%</b>	<b>72.1%</b>	<b>-21.3%</b>	White	<b>50.8%</b>	<b>65.1%</b>	<b>-14.3%</b>
Other	<b>6.2%</b>	<b>7.0%</b>	<b>-0.8%</b>	Other	<b>6.2%</b>	<b>5.2%</b>	<b>1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	312	<b>48.9%</b>	<b>48.7%</b>	NW	128	<b>47.3%</b>	<b>48.5%</b>
White	327	<b>51.1%</b>	<b>51.3%</b>	White	141	<b>52.7%</b>	<b>51.5%</b>
Chi-square, X-tab <sup>6</sup> :		.971	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.857	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		1.172	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.945	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.9%</b>	<b>9.9%</b>	<b>23.3%</b>	<b>0.9%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>62.9%</b>	<b>6.7%</b>	<b>27.6%</b>	<b>2.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>78.5%</b>	<b>9.8%</b>	<b>10.4%</b>	<b>1.3%</b>			
Other	<b>90.7%</b>	<b>4.7%</b>	<b>2.3%</b>	<b>2.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOLDEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,068</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.7%</b>	Citations per 1000	
	Passing through:	<b>76.3%</b>	18 + residents:	<b>207.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,043)				ITP Stops <sup>3</sup> (N = 931)			
Mean age				Mean age			
<b>39.3</b>				<b>39.54</b>			
Gender %				Gender %			
Female <b>44.8%</b>				Female <b>44.6%</b>			
Male <b>55.1%</b>				Male <b>55.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>4.4%</b>			
AA/Black <b>6.0%</b>				AA/Black <b>5.2%</b>			
Hispanic <b>5.6%</b>				Hispanic <b>4.9%</b>			
White <b>85.5%</b>				White <b>86.9%</b>			
Other <b>2.9%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.0%</b>	<b>0.9%</b>	<b>5.1%</b>	AA/Black	<b>6.0%</b>	<b>14.5%</b>	<b>-8.5%</b>
Hispanic	<b>5.6%</b>	<b>4.3%</b>	<b>1.3%</b>	Hispanic	<b>5.6%</b>	<b>15.2%</b>	<b>-9.6%</b>
White	<b>85.5%</b>	<b>91.5%</b>	<b>-6.0%</b>	White	<b>85.5%</b>	<b>65.1%</b>	<b>20.4%</b>
Other	<b>2.9%</b>	<b>3.8%</b>	<b>-0.9%</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	412	<b>12.7%</b>	<b>20.5%</b>	NW	106	<b>12.8%</b>	<b>14.3%</b>
White	2,440	<b>87.3%</b>	<b>79.5%</b>	White	703	<b>87.2%</b>	<b>85.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .638 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .599* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.121 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.1%</b>	<b>8.3%</b>	<b>5.0%</b>	<b>0.6%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>74.6%</b>	<b>16.2%</b>	<b>4.6%</b>	<b>4.6%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>88.5%</b>	<b>9.2%</b>	<b>1.6%</b>	<b>0.7%</b>			
Other	<b>80.5%</b>	<b>14.9%</b>	<b>1.1%</b>	<b>3.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOLLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>104</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.3%</b>	Citations per 1000	
	Passing through:	<b>64.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 102)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>38.61</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>N/A</b>			
Male <b>62.7%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.9%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.8%</b>				Hispanic <b>N/A</b>			
White <b>87.3%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.9%</b>	<b>14.5%</b>	<b>-9.6%</b>
Hispanic	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.8%</b>	<b>15.2%</b>	<b>-7.4%</b>
White	<b>87.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>87.3%</b>	<b>65.1%</b>	<b>22.2%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>40.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>12.5%</b>	<b>12.5%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>65.9%</b>	<b>18.7%</b>	<b>15.4%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.727	<i>not sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOLLISTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,826</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.9%</b>	Citations per 1000	
	Passing through:	<b>78.1%</b>	18 + residents:	<b>164.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,782)				ITP Stops <sup>3</sup> (N = 1,004)			
Mean age				Mean age			
<b>39.25</b>				<b>39.77</b>			
Gender %				Gender %			
Female <b>34.4%</b>				Female <b>33.2%</b>			
Male <b>65.6%</b>				Male <b>66.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>5.5%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>8.3%</b>				Hispanic <b>7.7%</b>			
White <b>83.9%</b>				White <b>84.5%</b>			
Other <b>2.4%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.5%</b>	<b>1.2%</b>	<b>4.3%</b>	AA/Black	<b>5.5%</b>	<b>14.5%</b>	<b>-9.0%</b>
Hispanic	<b>8.3%</b>	<b>3.9%</b>	<b>4.4%</b>	Hispanic	<b>8.3%</b>	<b>15.2%</b>	<b>-6.9%</b>
White	<b>83.9%</b>	<b>87.4%</b>	<b>-3.5%</b>	White	<b>83.9%</b>	<b>65.1%</b>	<b>18.8%</b>
Other	<b>2.4%</b>	<b>7.8%</b>	<b>-5.4%</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	254	<b>14.2%</b>	<b>18.5%</b>	NW	125	<b>14.0%</b>	<b>15.7%</b>
White	1,368	<b>85.8%</b>	<b>81.5%</b>	White	733	<b>86.0%</b>	<b>84.3%</b>
Chi-square, X-tab <sup>6</sup> : .022* sig.				Chi-square, X-tab <sup>6</sup> : .485 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .770 not sig.				Odds ratio Exp(B) <sup>7</sup> : .925 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>76.8%</b>	<b>12.1%</b>	<b>7.1%</b>	<b>4.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>66.2%</b>	<b>6.1%</b>	<b>21.6%</b>	<b>6.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>80.5%</b>	<b>9.5%</b>	<b>7.7%</b>	<b>2.3%</b>			
Other	<b>85.4%</b>	<b>12.2%</b>	<b>2.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOLYOKE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>579</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>42.1%</b>	Citations per 1000	
	Passing through:	<b>57.8%</b>	18 + residents:	<b>18.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 484)				ITP Stops <sup>3</sup> (N = 106)			
Mean age				Mean age			
<b>36.25</b>				<b>36.31</b>			
Gender %				Gender %			
Female <b>34.7%</b>				Female <b>37.1%</b>			
Male <b>65.3%</b>				Male <b>62.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>5.6%</b>				AA/Black <b>3.9%</b>			
Hispanic <b>13.2%</b>				Hispanic <b>26.2%</b>			
White <b>80.5%</b>				White <b>68.9%</b>			
Other <b>0.7%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>4.5%</b>	<b>1.1%</b>	AA/Black	<b>5.6%</b>	<b>14.5%</b>	<b>-8.9%</b>
Hispanic	<b>13.2%</b>	<b>53.9%</b>	<b>-40.7%</b>	Hispanic	<b>13.2%</b>	<b>15.2%</b>	<b>-2.0%</b>
White	<b>80.5%</b>	<b>41.3%</b>	<b>39.2%</b>	White	<b>80.5%</b>	<b>65.1%</b>	<b>15.4%</b>
Other	<b>0.7%</b>	<b>3.7%</b>	<b>-3.0%</b>	Other	<b>0.7%</b>	<b>5.2%</b>	<b>-4.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	<b>17.6%</b>	<b>26.6%</b>	NW	29	<b>17.9%</b>	<b>50.0%</b>
White	252	<b>82.4%</b>	<b>73.4%</b>	White	65	<b>82.1%</b>	<b>50.0%</b>
Chi-square, X-tab <sup>6</sup> : .051 not sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .555* sig.				Odds ratio Exp(B) <sup>7</sup> : .283* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>21.2%</b>	<b>6.1%</b>	<b>48.5%</b>	<b>24.2%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>36.4%</b>	<b>23.4%</b>	<b>16.9%</b>	<b>23.4%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>32.8%</b>	<b>9.6%</b>	<b>33.9%</b>	<b>23.6%</b>			
Other	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOPEDALE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>478</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.7%</b>	Citations per 1000	
	Passing through:	<b>87.3%</b>	18 + residents:	<b>106.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 463)				ITP Stops <sup>3</sup> (N = 174)			
Mean age				Mean age			
<b>35.94</b>				<b>35.5</b>			
Gender %				Gender %			
Female <b>33.4%</b>				Female <b>29.1%</b>			
Male <b>66.6%</b>				Male <b>70.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.4%</b>				Race % Mis/Unk <sup>4</sup> <b>5.2%</b>			
AA/Black <b>4.1%</b>				AA/Black <b>3.6%</b>			
Hispanic <b>25.6%</b>				Hispanic <b>31.5%</b>			
White <b>69.4%</b>				White <b>64.2%</b>			
Other <b>0.9%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.1%</b>	<b>0.3%</b>	<b>3.8%</b>	AA/Black	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
Hispanic	<b>25.6%</b>	<b>1.0%</b>	<b>24.6%</b>	Hispanic	<b>25.6%</b>	<b>15.2%</b>	<b>10.4%</b>
White	<b>69.4%</b>	<b>96.1%</b>	<b>-26.7%</b>	White	<b>69.4%</b>	<b>65.1%</b>	<b>4.3%</b>
Other	<b>0.9%</b>	<b>2.7%</b>	<b>-1.8%</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	126	<b>28.9%</b>	<b>35.4%</b>	NW	51	<b>36.7%</b>	<b>31.4%</b>
White	288	<b>71.1%</b>	<b>64.6%</b>	White	93	<b>63.3%</b>	<b>68.6%</b>
Chi-square, X-tab <sup>6</sup> :		.226	not sig.	Chi-square, X-tab <sup>6</sup> :		.571	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.736	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.811	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>44.4%</b>	<b>5.6%</b>	<b>44.4%</b>	<b>5.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>15.5%</b>	<b>11.2%</b>	<b>69.0%</b>	<b>4.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>65.0%</b>	<b>9.2%</b>	<b>22.9%</b>	<b>2.9%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HOPKINTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>594</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.1%</b>	Citations per 1000	
	Passing through:	<b>68.9%</b>	18 + residents:	<b>43.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 547)				ITP Stops <sup>3</sup> (N = 232)			
Mean age				Mean age			
<b>37.04</b>				<b>38.44</b>			
Gender %				Gender %			
Female <b>32.0%</b>				Female <b>28.7%</b>			
Male <b>68.0%</b>				Male <b>71.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>5.4%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>21.7%</b>				Hispanic <b>19.9%</b>			
White <b>62.2%</b>				White <b>67.1%</b>			
Other <b>10.8%</b>				Other <b>8.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.4%</b>	<b>1.9%</b>	<b>3.5%</b>	AA/Black	<b>5.4%</b>	<b>14.5%</b>	<b>-9.1%</b>
Hispanic	<b>21.7%</b>	<b>3.2%</b>	<b>18.5%</b>	Hispanic	<b>21.7%</b>	<b>15.2%</b>	<b>6.5%</b>
White	<b>62.2%</b>	<b>81.6%</b>	<b>-19.4%</b>	White	<b>62.2%</b>	<b>65.1%</b>	<b>-2.9%</b>
Other	<b>10.8%</b>	<b>13.3%</b>	<b>-2.5%</b>	Other	<b>10.8%</b>	<b>5.2%</b>	<b>5.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	194	<b>35.3%</b>	<b>41.2%</b>	NW	69	<b>33.1%</b>	<b>31.8%</b>
White	322	<b>64.7%</b>	<b>58.8%</b>	White	143	<b>66.9%</b>	<b>68.2%</b>
Chi-square, X-tab <sup>6</sup> : .169 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .842 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .844 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.156 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.7%</b>	<b>16.7%</b>	<b>23.3%</b>	<b>3.3%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>35.4%</b>	<b>6.9%</b>	<b>48.5%</b>	<b>9.2%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>64.9%</b>	<b>17.7%</b>	<b>10.6%</b>	<b>6.8%</b>			
Other	<b>79.7%</b>	<b>16.9%</b>	<b>1.7%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HUBBARDSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>156</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.6%</b>	Citations per 1000	
	Passing through:	<b>82.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 148)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.78</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>32.4%</b>				Female <b>N/A</b>			
Male <b>67.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.4%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.6%</b>				Hispanic <b>N/A</b>			
White <b>84.8%</b>				White <b>N/A</b>			
Other <b>4.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.4%</b>	<b>14.5%</b>	<b>-11.1%</b>
Hispanic	<b>7.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.6%</b>	<b>15.2%</b>	<b>-7.6%</b>
White	<b>84.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>84.8%</b>	<b>65.1%</b>	<b>19.7%</b>
Other	<b>4.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.1%</b>	<b>5.2%</b>	<b>-1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	<b>12.6%</b>	<b>21.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	116	<b>87.4%</b>	<b>78.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.188	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.640	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.899	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>45.5%</b>	<b>18.2%</b>	<b>27.3%</b>	<b>9.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>51.1%</b>	<b>12.2%</b>	<b>29.0%</b>	<b>7.6%</b>			
Other	<b>83.3%</b>	<b>0.0%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.919	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HUDSON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,258</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.1%</b>	Citations per 1000	
	Passing through:	<b>64.9%</b>	18 + residents:	<b>141</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,173)				ITP Stops <sup>3</sup> (N = 811)			
Mean age				Mean age			
<b>38.72</b>				<b>38.26</b>			
Gender %				Gender %			
Female <b>41.6%</b>				Female <b>40.4%</b>			
Male <b>58.4%</b>				Male <b>59.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>4.3%</b>				AA/Black <b>3.5%</b>			
Hispanic <b>5.9%</b>				Hispanic <b>6.2%</b>			
White <b>88.4%</b>				White <b>88.2%</b>			
Other <b>1.4%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>1.2%</b>	<b>3.1%</b>	AA/Black	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
Hispanic	<b>5.9%</b>	<b>5.8%</b>	<b>0.1%</b>	Hispanic	<b>5.9%</b>	<b>15.2%</b>	<b>-9.3%</b>
White	<b>88.4%</b>	<b>89.2%</b>	<b>-0.8%</b>	White	<b>88.4%</b>	<b>65.1%</b>	<b>23.3%</b>
Other	<b>1.4%</b>	<b>3.5%</b>	<b>-2.1%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	236	<b>9.9%</b>	<b>16.7%</b>	NW	82	<b>7.7%</b>	<b>17.5%</b>
White	1,813	<b>90.1%</b>	<b>83.3%</b>	White	624	<b>92.3%</b>	<b>82.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .596* sig.				Odds ratio Exp(B) <sup>7</sup> : .442* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.0%</b>	<b>7.3%</b>	<b>14.6%</b>	<b>3.1%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>54.9%</b>	<b>24.1%</b>	<b>15.0%</b>	<b>6.0%</b>	White	<b>60</b>	<b>N/A</b>
White	<b>81.8%</b>	<b>11.6%</b>	<b>5.8%</b>	<b>0.9%</b>			
Other	<b>76.7%</b>	<b>20.0%</b>	<b>3.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### HULL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>924</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.0%</b>	Citations per 1000	
	Passing through:	<b>66.0%</b>	18 + residents:	<b>101.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 866)				ITP Stops <sup>3</sup> (N = 314)			
Mean age				Mean age			
<b>40.92</b>				<b>39.83</b>			
Gender %				Gender %			
Female <b>37.7%</b>				Female <b>33.5%</b>			
Male <b>62.2%</b>				Male <b>66.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>4.1%</b>			
AA/Black <b>7.2%</b>				AA/Black <b>5.6%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>6.6%</b>			
White <b>85.2%</b>				White <b>85.0%</b>			
Other <b>2.7%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>0.5%</b>	<b>6.7%</b>	AA/Black	<b>7.2%</b>	<b>14.5%</b>	<b>-7.3%</b>
Hispanic	<b>5.0%</b>	<b>1.7%</b>	<b>3.3%</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>85.2%</b>	<b>94.6%</b>	<b>-9.4%</b>	White	<b>85.2%</b>	<b>65.1%</b>	<b>20.1%</b>
Other	<b>2.7%</b>	<b>3.1%</b>	<b>-0.4%</b>	Other	<b>2.7%</b>	<b>5.2%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	113	<b>9.3%</b>	<b>21.7%</b>	NW	40	<b>14.1%</b>	<b>19.1%</b>
White	633	<b>90.7%</b>	<b>78.3%</b>	White	212	<b>85.9%</b>	<b>80.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .300 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .369* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .841 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.3%</b>	<b>12.7%</b>	<b>12.7%</b>	<b>6.3%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>8.7%</b>	<b>30.4%</b>	<b>10.9%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>62.0%</b>	<b>17.5%</b>	<b>13.9%</b>	<b>6.6%</b>			
Other	<b>65.2%</b>	<b>13.0%</b>	<b>21.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .066 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### IPSWICH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>229</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.5%</b>	Citations per 1000	
	Passing through:	<b>59.5%</b>	18 + residents:	<b>20.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 195)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.03</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>28.3%</b>				Female <b>N/A</b>			
Male <b>71.7%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>5.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>10.4%</b>				Hispanic <b>N/A</b>			
White <b>81.9%</b>				White <b>N/A</b>			
Other <b>1.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.0%</b>	<b>2.2%</b>	<b>3.8%</b>	AA/Black	<b>6.0%</b>	<b>14.5%</b>	<b>-8.5%</b>
Hispanic	<b>10.4%</b>	<b>4.2%</b>	<b>6.2%</b>	Hispanic	<b>10.4%</b>	<b>15.2%</b>	<b>-4.8%</b>
White	<b>81.9%</b>	<b>92.0%</b>	<b>-10.1%</b>	White	<b>81.9%</b>	<b>65.1%</b>	<b>16.8%</b>
Other	<b>1.6%</b>	<b>2.0%</b>	<b>-0.4%</b>	Other	<b>1.6%</b>	<b>5.2%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	30	<b>11.5%</b>	<b>27.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	146	<b>88.5%</b>	<b>73.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .009* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .220* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>8.3%</b>	<b>41.7%</b>	<b>16.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>12.0%</b>	<b>28.0%</b>	<b>60.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>50.0%</b>	<b>21.8%</b>	<b>19.0%</b>	<b>9.2%</b>			
Other	<b>0.0%</b>	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### KINGSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>202</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.7%</b>	Citations per 1000	
	Passing through:	<b>75.3%</b>	18 + residents:	<b>44.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 186)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.26</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>39.5%</b>				Female <b>N/A</b>			
Male <b>60.5%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>7.8%</b>				AA/Black <b>N/A</b>			
Hispanic <b>2.2%</b>				Hispanic <b>N/A</b>			
White <b>89.4%</b>				White <b>N/A</b>			
Other <b>0.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.8%</b>	<b>0.6%</b>	<b>7.2%</b>	AA/Black	<b>7.8%</b>	<b>14.5%</b>	<b>-6.7%</b>
Hispanic	<b>2.2%</b>	<b>3.8%</b>	<b>-1.6%</b>	Hispanic	<b>2.2%</b>	<b>15.2%</b>	<b>-13.0%</b>
White	<b>89.4%</b>	<b>93.6%</b>	<b>-4.2%</b>	White	<b>89.4%</b>	<b>65.1%</b>	<b>24.3%</b>
Other	<b>0.6%</b>	<b>2.0%</b>	<b>-1.4%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	<b>8.4%</b>	<b>22.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	155	<b>91.6%</b>	<b>77.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.022*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.257*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.3%</b>	<b>21.4%</b>	<b>14.3%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>73.9%</b>	<b>9.7%</b>	<b>14.8%</b>	<b>1.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.952	not sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LAKEVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>627</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.4%</b>	Citations per 1000	
	Passing through:	<b>76.6%</b>	18 + residents:	<b>68.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 565)				ITP Stops <sup>3</sup> (N = 138)			
Mean age				Mean age			
<b>35.9</b>				<b>32.19</b>			
Gender %				Gender %			
Female <b>30.9%</b>				Female <b>27.0%</b>			
Male <b>69.1%</b>				Male <b>73.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>3.6%</b>			
AA/Black <b>4.8%</b>				AA/Black <b>6.0%</b>			
Hispanic <b>4.3%</b>				Hispanic <b>5.3%</b>			
White <b>89.1%</b>				White <b>87.2%</b>			
Other <b>1.9%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>2.0%</b>	<b>2.8%</b>	AA/Black	<b>4.8%</b>	<b>14.5%</b>	<b>-9.7%</b>
Hispanic	<b>4.3%</b>	<b>2.8%</b>	<b>1.5%</b>	Hispanic	<b>4.3%</b>	<b>15.2%</b>	<b>-10.9%</b>
White	<b>89.1%</b>	<b>92.4%</b>	<b>-3.3%</b>	White	<b>89.1%</b>	<b>65.1%</b>	<b>24.0%</b>
Other	<b>1.9%</b>	<b>3.0%</b>	<b>-1.1%</b>	Other	<b>1.9%</b>	<b>5.2%</b>	<b>-3.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	56	<b>9.6%</b>	<b>17.0%</b>	NW	16	<b>11.0%</b>	<b>20.0%</b>
White	453	<b>90.4%</b>	<b>83.0%</b>	White	105	<b>89.0%</b>	<b>80.0%</b>
Chi-square, X-tab <sup>6</sup> :		.039*	<i>sig.</i>	Chi-square, X-tab <sup>6</sup> :		.206	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.509	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.293	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.5%</b>	<b>18.2%</b>	<b>21.2%</b>	<b>6.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>37.5%</b>	<b>25.0%</b>	<b>37.5%</b>	<b>0.0%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>43.2%</b>	<b>30.0%</b>	<b>21.6%</b>	<b>5.3%</b>			
Other	<b>30.0%</b>	<b>40.0%</b>	<b>30.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.502	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LANCASTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>553</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>4.9%</b>	Citations per 1000	
	Passing through:	<b>95.1%</b>	18 + residents:	<b>84.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 532)				ITP Stops <sup>3</sup> (N = 114)			
Mean age				Mean age			
<b>36.34</b>				<b>37.52</b>			
Gender %				Gender %			
Female <b>41.6%</b>				Female <b>33.6%</b>			
Male <b>58.2%</b>				Male <b>65.5%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.9%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.6%</b>				Race % Mis/Unk <sup>4</sup> <b>4.4%</b>			
AA/Black <b>9.0%</b>				AA/Black <b>14.7%</b>			
Hispanic <b>16.6%</b>				Hispanic <b>20.2%</b>			
White <b>70.2%</b>				White <b>63.3%</b>			
Other <b>4.3%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>7.4%</b>	<b>1.6%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>16.6%</b>	<b>7.3%</b>	<b>9.3%</b>	Hispanic	<b>16.6%</b>	<b>15.2%</b>	<b>1.4%</b>
White	<b>70.2%</b>	<b>81.4%</b>	<b>-11.2%</b>	White	<b>70.2%</b>	<b>65.1%</b>	<b>5.1%</b>
Other	<b>4.3%</b>	<b>4.8%</b>	<b>-0.5%</b>	Other	<b>4.3%</b>	<b>5.2%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	146	<b>28.2%</b>	<b>38.5%</b>	NW	33	<b>33.8%</b>	<b>41.2%</b>
White	348	<b>71.8%</b>	<b>61.5%</b>	White	61	<b>66.2%</b>	<b>58.8%</b>
Chi-square, X-tab <sup>6</sup> :		.091	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.562	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.651	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.995	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>30.6%</b>	<b>59.2%</b>	<b>10.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.6%</b>	<b>62.8%</b>	<b>11.6%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>27.9%</b>	<b>61.4%</b>	<b>9.8%</b>	<b>0.8%</b>			
Other	<b>17.4%</b>	<b>82.6%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.674	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LAWRENCE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>7,606</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>61.9%</b>	Citations per 1000	
	Passing through:	<b>38.1%</b>	18 + residents:	<b>129</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,204)				ITP Stops <sup>3</sup> (N = 1,604)			
Mean age				Mean age			
<b>38.18</b>				<b>36.25</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>36.9%</b>			
Male <b>64.7%</b>				Male <b>63.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.4%</b>				Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			
AA/Black <b>4.9%</b>				AA/Black <b>5.0%</b>			
Hispanic <b>70.4%</b>				Hispanic <b>69.9%</b>			
White <b>23.1%</b>				White <b>23.1%</b>			
Other <b>1.6%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.9%</b>	<b>5.7%</b>	<b>-0.8%</b>	AA/Black	<b>4.9%</b>	<b>14.5%</b>	<b>-9.6%</b>
Hispanic	<b>70.4%</b>	<b>80.6%</b>	<b>-10.2%</b>	Hispanic	<b>70.4%</b>	<b>15.2%</b>	<b>55.2%</b>
White	<b>23.1%</b>	<b>14.8%</b>	<b>8.3%</b>	White	<b>23.1%</b>	<b>65.1%</b>	<b>-42.0%</b>
Other	<b>1.6%</b>	<b>5.1%</b>	<b>-3.5%</b>	Other	<b>1.6%</b>	<b>5.2%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,826	<b>76.5%</b>	<b>80.7%</b>	NW	1,056	<b>75.8%</b>	<b>78.9%</b>
White	1,407	<b>23.5%</b>	<b>19.3%</b>	White	314	<b>24.2%</b>	<b>21.1%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .182 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .801* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.016 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.8%</b>	<b>16.6%</b>	<b>11.7%</b>	<b>0.9%</b>	NW	<b>32</b>	<b>N/A</b>
Hispanic	<b>73.8%</b>	<b>17.2%</b>	<b>7.2%</b>	<b>1.8%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>74.3%</b>	<b>16.6%</b>	<b>7.6%</b>	<b>1.5%</b>			
Other	<b>73.0%</b>	<b>19.8%</b>	<b>7.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .108 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LEE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>103</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.0%</b>	Citations per 1000	
	Passing through:	<b>80.0%</b>	18 + residents:	<b>21.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 80)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>39.5</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>N/A</b>			
Male <b>58.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>11.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>2.6%</b>				Hispanic <b>N/A</b>			
White <b>83.1%</b>				White <b>N/A</b>			
Other <b>2.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.7%</b>	<b>0.3%</b>	<b>11.4%</b>	AA/Black	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
Hispanic	<b>2.6%</b>	<b>2.5%</b>	<b>0.1%</b>	Hispanic	<b>2.6%</b>	<b>15.2%</b>	<b>-12.6%</b>
White	<b>83.1%</b>	<b>90.9%</b>	<b>-7.8%</b>	White	<b>83.1%</b>	<b>65.1%</b>	<b>18.0%</b>
Other	<b>2.6%</b>	<b>3.6%</b>	<b>-1.0%</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>30.0%</b>	<b>30.0%</b>	<b>30.0%</b>	<b>10.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>57.1%</b>	<b>10.7%</b>	<b>25.0%</b>	<b>7.1%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.111	not sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LEICESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>573</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.3%</b>	Citations per 1000	
	Passing through:	<b>90.7%</b>	18 + residents:	<b>61.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 560)				ITP Stops <sup>3</sup> (N = 146)			
Mean age				Mean age			
<b>35.2</b>				<b>36.36</b>			
Gender %				Gender %			
Female <b>35.9%</b>				Female <b>36.6%</b>			
Male <b>64.1%</b>				Male <b>63.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>12.0%</b>				AA/Black <b>8.3%</b>			
Hispanic <b>27.9%</b>				Hispanic <b>29.7%</b>			
White <b>56.9%</b>				White <b>58.6%</b>			
Other <b>3.3%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.0%</b>	<b>3.2%</b>	<b>8.8%</b>	AA/Black	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
Hispanic	<b>27.9%</b>	<b>3.8%</b>	<b>24.1%</b>	Hispanic	<b>27.9%</b>	<b>15.2%</b>	<b>12.7%</b>
White	<b>56.9%</b>	<b>91.0%</b>	<b>-34.1%</b>	White	<b>56.9%</b>	<b>65.1%</b>	<b>-8.2%</b>
Other	<b>3.3%</b>	<b>2.5%</b>	<b>0.8%</b>	Other	<b>3.3%</b>	<b>5.2%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	229	<b>37.6%</b>	<b>50.5%</b>	NW	55	<b>38.4%</b>	<b>51.5%</b>
White	304	<b>62.4%</b>	<b>49.5%</b>	White	77	<b>61.6%</b>	<b>48.5%</b>
Chi-square, X-tab <sup>6</sup> :		.003 *	sig.	Chi-square, X-tab <sup>6</sup> :		.185	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.642 *	sig.	Odds ratio Exp(B) <sup>7</sup> :		.655	not sig.

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>14.7%</b>	<b>33.8%</b>	<b>1.5%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>40.8%</b>	<b>14.6%</b>	<b>40.1%</b>	<b>4.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>58.9%</b>	<b>10.9%</b>	<b>25.2%</b>	<b>5.0%</b>			
Other	<b>61.1%</b>	<b>22.2%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.012 *	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LENOX POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>404</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.1%</b>	Citations per 1000	
	Passing through:	<b>92.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 396)				ITP Stops <sup>3</sup> (N = 103)			
Mean age				Mean age			
<b>38.37</b>				<b>38.3</b>			
Gender %				Gender %			
Female <b>40.6%</b>				Female <b>38.2%</b>			
Male <b>59.1%</b>				Male <b>61.8%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.9%</b>			
AA/Black <b>9.7%</b>				AA/Black <b>8.0%</b>			
Hispanic <b>3.9%</b>				Hispanic <b>4.0%</b>			
White <b>85.6%</b>				White <b>87.0%</b>			
Other <b>0.8%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
Hispanic	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.9%</b>	<b>15.2%</b>	<b>-11.3%</b>
White	<b>85.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.6%</b>	<b>65.1%</b>	<b>20.5%</b>
Other	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	<b>13.3%</b>	<b>17.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	313	<b>86.7%</b>	<b>82.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.272	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.720	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.5%</b>	<b>8.1%</b>	<b>29.7%</b>	<b>2.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>68.8%</b>	<b>25.0%</b>	<b>6.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>79.6%</b>	<b>11.1%</b>	<b>7.8%</b>	<b>1.5%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.006*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LEOMINSTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,549</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>44.3%</b>	Citations per 1000	
	Passing through:	<b>55.7%</b>	18 + residents:	<b>47.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,358)				ITP Stops <sup>3</sup> (N = 144)			
Mean age				Mean age			
<b>41.66</b>				<b>40.77</b>			
Gender %				Gender %			
Female <b>44.5%</b>				Female <b>36.9%</b>			
Male <b>55.5%</b>				Male <b>63.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.5%</b>			
AA/Black <b>9.7%</b>				AA/Black <b>8.6%</b>			
Hispanic <b>22.5%</b>				Hispanic <b>29.5%</b>			
White <b>63.9%</b>				White <b>58.3%</b>			
Other <b>3.9%</b>				Other <b>3.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>6.7%</b>	<b>3.0%</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
Hispanic	<b>22.5%</b>	<b>18.4%</b>	<b>4.1%</b>	Hispanic	<b>22.5%</b>	<b>15.2%</b>	<b>7.3%</b>
White	<b>63.9%</b>	<b>69.3%</b>	<b>-5.4%</b>	White	<b>63.9%</b>	<b>65.1%</b>	<b>-1.2%</b>
Other	<b>3.9%</b>	<b>6.8%</b>	<b>-2.9%</b>	Other	<b>3.9%</b>	<b>5.2%</b>	<b>-1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	472	<b>34.5%</b>	<b>50.9%</b>	NW	51	<b>35.8%</b>	<b>53.1%</b>
White	842	<b>65.5%</b>	<b>49.1%</b>	White	76	<b>64.2%</b>	<b>46.9%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .084 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .509* sig.				Odds ratio Exp(B) <sup>7</sup> : .472 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>6.3%</b>	<b>11.1%</b>	<b>4.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>69.0%</b>	<b>5.5%</b>	<b>21.4%</b>	<b>4.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>80.0%</b>	<b>5.8%</b>	<b>11.3%</b>	<b>2.9%</b>			
Other	<b>78.2%</b>	<b>3.6%</b>	<b>18.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LEVERETT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>207</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.1%</b>	Citations per 1000	
	Passing through:	<b>84.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 205)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>39.9</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>40.6%</b>				Female <b>N/A</b>			
Male <b>59.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>2.0%</b>				Hispanic <b>N/A</b>			
White <b>89.9%</b>				White <b>N/A</b>			
Other <b>2.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.1%</b>	<b>14.5%</b>	<b>-5.4%</b>
Hispanic	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.0%</b>	<b>15.2%</b>	<b>-13.2%</b>
White	<b>89.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.9%</b>	<b>65.1%</b>	<b>24.8%</b>
Other	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	<b>10.7%</b>	<b>26.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	156	<b>89.3%</b>	<b>73.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .051 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .239* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.2%</b>	<b>16.7%</b>	<b>11.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>83.3%</b>	<b>9.2%</b>	<b>7.5%</b>	<b>0.0%</b>			
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .711 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LEXINGTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,986</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.5%</b>	Citations per 1000	
	Passing through:	<b>68.5%</b>	18 + residents:	<b>82.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,800)				ITP Stops <sup>3</sup> (N = 672)			
Mean age				Mean age			
<b>41.41</b>				<b>41.44</b>			
Gender %				Gender %			
Female <b>42.5%</b>				Female <b>40.4%</b>			
Male <b>57.5%</b>				Male <b>59.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>7.0%</b>				AA/Black <b>6.5%</b>			
Hispanic <b>7.0%</b>				Hispanic <b>5.1%</b>			
White <b>61.8%</b>				White <b>62.3%</b>			
Other <b>24.2%</b>				Other <b>26.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.0%</b>	<b>1.3%</b>	<b>5.7%</b>	AA/Black	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
Hispanic	<b>7.0%</b>	<b>2.1%</b>	<b>4.9%</b>	Hispanic	<b>7.0%</b>	<b>15.2%</b>	<b>-8.2%</b>
White	<b>61.8%</b>	<b>62.7%</b>	<b>-0.9%</b>	White	<b>61.8%</b>	<b>65.1%</b>	<b>-3.3%</b>
Other	<b>24.2%</b>	<b>34.0%</b>	<b>-9.8%</b>	Other	<b>24.2%</b>	<b>5.2%</b>	<b>19.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	652	<b>37.4%</b>	<b>41.5%</b>	NW	230	<b>37.0%</b>	<b>39.1%</b>
White	1,054	<b>62.6%</b>	<b>58.5%</b>	White	382	<b>63.0%</b>	<b>60.9%</b>
Chi-square, X-tab <sup>6</sup> : .160 not sig.				Chi-square, X-tab <sup>6</sup> : .629 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .863 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.091 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.6%</b>	<b>25.0%</b>	<b>12.9%</b>	<b>3.6%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>32.9%</b>	<b>42.5%</b>	<b>21.9%</b>	<b>2.7%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>65.9%</b>	<b>28.9%</b>	<b>3.8%</b>	<b>1.3%</b>			
Other	<b>62.1%</b>	<b>34.7%</b>	<b>2.1%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LINCOLN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>739)</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.4%</b>	Citations per 1000	
	Passing through:	<b>90.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 709)				ITP Stops <sup>3</sup> (N = 253)			
Mean age				Mean age			
<b>40.17</b>				<b>43.88</b>			
Gender %				Gender %			
Female <b>31.3%</b>				Female <b>40.2%</b>			
Male <b>68.7%</b>				Male <b>59.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>12.8%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>13.8%</b>				Hispanic <b>7.5%</b>			
White <b>64.0%</b>				White <b>75.5%</b>			
Other <b>9.3%</b>				Other <b>11.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black <b>12.8%</b>	<b>N/A</b>	<b>N/A</b>		AA/Black <b>12.8%</b>	<b>14.5%</b>	<b>-1.7%</b>	
Hispanic <b>13.8%</b>	<b>N/A</b>	<b>N/A</b>		Hispanic <b>13.8%</b>	<b>15.2%</b>	<b>-1.4%</b>	
White <b>64.0%</b>	<b>N/A</b>	<b>N/A</b>		White <b>64.0%</b>	<b>65.1%</b>	<b>-1.1%</b>	
Other <b>9.3%</b>	<b>N/A</b>	<b>N/A</b>		Other <b>9.3%</b>	<b>5.2%</b>	<b>4.1%</b>	

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	248	<b>22.8%</b>	<b>45.3%</b>	NW	55	<b>22.6%</b>	<b>25.4%</b>
White	444	<b>77.2%</b>	<b>54.7%</b>	White	181	<b>77.4%</b>	<b>74.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .657 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .356* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.258 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.5%</b>	<b>22.1%</b>	<b>6.3%</b>	<b>2.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>55.8%</b>	<b>23.1%</b>	<b>17.3%</b>	<b>3.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>78.6%</b>	<b>16.6%</b>	<b>3.8%</b>	<b>1.1%</b>			
Other	<b>78.3%</b>	<b>20.3%</b>	<b>0.0%</b>	<b>1.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LITTLETON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>421</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.9%</b>	Citations per 1000	
	Passing through:	<b>86.1%</b>	18 + residents:	<b>53.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 388)				ITP Stops <sup>3</sup> (N = 134)			
Mean age				Mean age			
<b>40.51</b>				<b>41.4</b>			
Gender %				Gender %			
Female <b>30.8%</b>				Female <b>29.5%</b>			
Male <b>69.2%</b>				Male <b>70.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>7.0%</b>				AA/Black <b>6.2%</b>			
Hispanic <b>16.5%</b>				Hispanic <b>11.5%</b>			
White <b>68.6%</b>				White <b>68.5%</b>			
Other <b>7.8%</b>				Other <b>13.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.0%</b>	<b>0.6%</b>	<b>6.4%</b>	AA/Black	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
Hispanic	<b>16.5%</b>	<b>1.3%</b>	<b>15.2%</b>	Hispanic	<b>16.5%</b>	<b>15.2%</b>	<b>1.3%</b>
White	<b>68.6%</b>	<b>89.0%</b>	<b>-20.4%</b>	White	<b>68.6%</b>	<b>65.1%</b>	<b>3.5%</b>
Other	<b>7.8%</b>	<b>8.8%</b>	<b>-1.0%</b>	Other	<b>7.8%</b>	<b>5.2%</b>	<b>2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	112	<b>29.2%</b>	<b>40.6%</b>	NW	39	<b>29.7%</b>	<b>43.5%</b>
White	234	<b>70.8%</b>	<b>59.4%</b>	White	71	<b>70.3%</b>	<b>56.5%</b>
Chi-square, X-tab <sup>6</sup> : .042* sig.				Chi-square, X-tab <sup>6</sup> : .136 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .478* sig.				Odds ratio Exp(B) <sup>7</sup> : .437 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>7.1%</b>	<b>25.0%</b>	<b>10.7%</b>	NW	<b>10</b>	<b>N/A</b>
Hispanic	<b>56.3%</b>	<b>15.6%</b>	<b>20.3%</b>	<b>7.8%</b>	White	<b>21</b>	<b>N/A</b>
White	<b>52.3%</b>	<b>22.6%</b>	<b>16.5%</b>	<b>8.6%</b>			
Other	<b>59.4%</b>	<b>25.0%</b>	<b>15.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .450 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LONGMEADOW POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>563</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.1%</b>	Citations per 1000	
	Passing through:	<b>70.9%</b>	18 + residents:	<b>46.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 468)				ITP Stops <sup>3</sup> (N = 158)			
Mean age				Mean age			
<b>35.74</b>				<b>36.62</b>			
Gender %				Gender %			
Female <b>40.6%</b>				Female <b>44.6%</b>			
Male <b>59.4%</b>				Male <b>55.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>10.5%</b>				AA/Black <b>14.3%</b>			
Hispanic <b>10.9%</b>				Hispanic <b>11.0%</b>			
White <b>74.6%</b>				White <b>70.1%</b>			
Other <b>4.0%</b>				Other <b>4.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>0.9%</b>	<b>9.6%</b>	AA/Black	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
Hispanic	<b>10.9%</b>	<b>6.8%</b>	<b>4.1%</b>	Hispanic	<b>10.9%</b>	<b>15.2%</b>	<b>-4.3%</b>
White	<b>74.6%</b>	<b>84.4%</b>	<b>-9.8%</b>	White	<b>74.6%</b>	<b>65.1%</b>	<b>9.5%</b>
Other	<b>4.0%</b>	<b>8.5%</b>	<b>-4.5%</b>	Other	<b>4.0%</b>	<b>5.2%</b>	<b>-1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	101	<b>23.4%</b>	<b>25.0%</b>	NW	36	<b>25.6%</b>	<b>27.6%</b>
White	316	<b>76.6%</b>	<b>75.0%</b>	White	100	<b>74.4%</b>	<b>72.4%</b>
Chi-square, X-tab <sup>6</sup> : .695 not sig.				Chi-square, X-tab <sup>6</sup> : .799 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .970 not sig.				Odds ratio Exp(B) <sup>7</sup> : .711 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.7%</b>	<b>10.9%</b>	<b>25.5%</b>	<b>10.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>57.9%</b>	<b>15.8%</b>	<b>26.3%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>74.4%</b>	<b>11.5%</b>	<b>11.5%</b>	<b>2.5%</b>			
Other	<b>71.4%</b>	<b>9.5%</b>	<b>19.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LOWELL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>9,912</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>49.0%</b>	Citations per 1000	
	Passing through:	<b>51.0%</b>	18 + residents:	<b>113.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,605)				ITP Stops <sup>3</sup> (N = 2,888)			
Mean age				Mean age			
<b>37.16</b>				<b>34.7</b>			
Gender %				Gender %			
Female <b>40.7%</b>				Female <b>36.1%</b>			
Male <b>59.2%</b>				Male <b>63.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>4.2%</b>			
AA/Black <b>12.7%</b>				AA/Black <b>12.4%</b>			
Hispanic <b>27.5%</b>				Hispanic <b>33.6%</b>			
White <b>46.8%</b>				White <b>42.3%</b>			
Other <b>12.9%</b>				Other <b>11.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.7%</b>	<b>8.0%</b>	<b>4.7%</b>	AA/Black	<b>12.7%</b>	<b>14.5%</b>	<b>-1.8%</b>
Hispanic	<b>27.5%</b>	<b>18.1%</b>	<b>9.4%</b>	Hispanic	<b>27.5%</b>	<b>15.2%</b>	<b>12.3%</b>
White	<b>46.8%</b>	<b>48.7%</b>	<b>-1.9%</b>	White	<b>46.8%</b>	<b>65.1%</b>	<b>-18.3%</b>
Other	<b>12.9%</b>	<b>26.4%</b>	<b>-13.5%</b>	Other	<b>12.9%</b>	<b>5.2%</b>	<b>7.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,691	<b>51.3%</b>	<b>61.9%</b>	NW	1,438	<b>55.3%</b>	<b>61.1%</b>
White	4,141	<b>48.7%</b>	<b>38.1%</b>	White	1,065	<b>44.7%</b>	<b>38.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .004* sig.			
Odds ratio Exp(B) <sup>7</sup> : .686* sig.				Odds ratio Exp(B) <sup>7</sup> : .757* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>15.9%</b>	<b>75.5%</b>	<b>6.8%</b>	<b>1.8%</b>	NW	<b>21</b>	<b>N/A</b>
Hispanic	<b>16.4%</b>	<b>73.6%</b>	<b>8.0%</b>	<b>2.0%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>19.0%</b>	<b>75.8%</b>	<b>4.4%</b>	<b>0.8%</b>			
Other	<b>17.7%</b>	<b>76.7%</b>	<b>3.8%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LUDLOW POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>651</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.1%</b>	Citations per 1000	
	Passing through:	<b>64.9%</b>	18 + residents:	<b>37.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 502)				ITP Stops <sup>3</sup> (N = 204)			
Mean age				Mean age			
<b>37</b>				<b>36.46</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>40.9%</b>			
Male <b>63.7%</b>				Male <b>59.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>10.7%</b>				AA/Black <b>7.0%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>5.5%</b>			
White <b>82.2%</b>				White <b>86.1%</b>			
Other <b>0.6%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.7%</b>	<b>1.4%</b>	<b>9.3%</b>	AA/Black	<b>10.7%</b>	<b>14.5%</b>	<b>-3.8%</b>
Hispanic	<b>6.6%</b>	<b>8.6%</b>	<b>-2.0%</b>	Hispanic	<b>6.6%</b>	<b>15.2%</b>	<b>-8.6%</b>
White	<b>82.2%</b>	<b>87.3%</b>	<b>-5.1%</b>	White	<b>82.2%</b>	<b>65.1%</b>	<b>17.1%</b>
Other	<b>0.6%</b>	<b>3.8%</b>	<b>-3.2%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	80	<b>17.1%</b>	<b>21.1%</b>	NW	26	<b>18.6%</b>	<b>7.2%</b>
White	349	<b>82.9%</b>	<b>78.9%</b>	White	156	<b>81.4%</b>	<b>92.8%</b>
Chi-square, X-tab <sup>6</sup> : .298 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .034* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .621 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 3.144* <i>sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.8%</b>	<b>9.8%</b>	<b>32.8%</b>	<b>6.6%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>42.9%</b>	<b>14.3%</b>	<b>31.0%</b>	<b>11.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>62.5%</b>	<b>11.7%</b>	<b>17.5%</b>	<b>8.3%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>33.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .046* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LUNENBURG POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,760</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.0%</b>	Citations per 1000	
	Passing through:	<b>79.0%</b>	18 + residents:	<b>194.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,684)				ITP Stops <sup>3</sup> (N = 494)			
Mean age				Mean age			
<b>36.37</b>				<b>35.97</b>			
Gender %				Gender %			
Female <b>40.4%</b>				Female <b>34.8%</b>			
Male <b>59.4%</b>				Male <b>65.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>9.8%</b>				AA/Black <b>11.0%</b>			
Hispanic <b>14.7%</b>				Hispanic <b>15.7%</b>			
White <b>74.0%</b>				White <b>72.0%</b>			
Other <b>1.5%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>1.7%</b>	<b>8.1%</b>	AA/Black	<b>9.8%</b>	<b>14.5%</b>	<b>-4.7%</b>
Hispanic	<b>14.7%</b>	<b>5.9%</b>	<b>8.8%</b>	Hispanic	<b>14.7%</b>	<b>15.2%</b>	<b>-0.5%</b>
White	<b>74.0%</b>	<b>88.4%</b>	<b>-14.4%</b>	White	<b>74.0%</b>	<b>65.1%</b>	<b>8.9%</b>
Other	<b>1.5%</b>	<b>4.0%</b>	<b>-2.5%</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	416	<b>23.5%</b>	<b>31.9%</b>	NW	121	<b>24.6%</b>	<b>33.3%</b>
White	1,190	<b>76.5%</b>	<b>68.1%</b>	White	319	<b>75.4%</b>	<b>66.7%</b>
Chi-square, X-tab <sup>6</sup> :		.001*	sig.	Chi-square, X-tab <sup>6</sup> :		.052	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.697*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.512*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.3%</b>	<b>4.7%</b>	<b>20.3%</b>	<b>1.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>70.0%</b>	<b>5.1%</b>	<b>21.7%</b>	<b>3.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>83.5%</b>	<b>5.7%</b>	<b>9.0%</b>	<b>1.8%</b>			
Other	<b>88.0%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>4.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LYNN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>4,011</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>63.8%</b>	Citations per 1000	
	Passing through:	<b>36.2%</b>	18 + residents:	<b>56.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,484)				ITP Stops <sup>3</sup> (N = 994)			
Mean age				Mean age			
<b>36.87</b>				<b>35.04</b>			
Gender %				Gender %			
Female <b>34.5%</b>				Female <b>31.2%</b>			
Male <b>65.4%</b>				Male <b>68.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.3%</b>				Race % Mis/Unk <sup>4</sup> <b>7.9%</b>			
AA/Black <b>13.3%</b>				AA/Black <b>12.5%</b>			
Hispanic <b>50.6%</b>				Hispanic <b>53.8%</b>			
White <b>31.8%</b>				White <b>29.2%</b>			
Other <b>4.3%</b>				Other <b>4.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.3%</b>	<b>13.7%</b>	<b>-0.4%</b>	AA/Black	<b>13.3%</b>	<b>14.5%</b>	<b>-1.2%</b>
Hispanic	<b>50.6%</b>	<b>42.8%</b>	<b>7.8%</b>	Hispanic	<b>50.6%</b>	<b>15.2%</b>	<b>35.4%</b>
White	<b>31.8%</b>	<b>35.9%</b>	<b>-4.1%</b>	White	<b>31.8%</b>	<b>65.1%</b>	<b>-33.3%</b>
Other	<b>4.3%</b>	<b>14.4%</b>	<b>-10.1%</b>	Other	<b>4.3%</b>	<b>5.2%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,110	<b>66.1%</b>	<b>76.4%</b>	NW	589	<b>70.0%</b>	<b>71.3%</b>
White	959	<b>33.9%</b>	<b>23.6%</b>	White	248	<b>30.0%</b>	<b>28.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .703 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .624* sig.				Odds ratio Exp(B) <sup>7</sup> : .873 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>49.9%</b>	<b>25.1%</b>	<b>21.6%</b>	<b>3.4%</b>	NW	<b>51</b>	<b>N/A</b>
Hispanic	<b>31.2%</b>	<b>22.4%</b>	<b>39.2%</b>	<b>7.2%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>56.0%</b>	<b>23.1%</b>	<b>17.2%</b>	<b>3.8%</b>			
Other	<b>58.0%</b>	<b>28.0%</b>	<b>12.7%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### LYNNFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>131</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.5%</b>	Citations per 1000	
	Passing through:	<b>81.5%</b>	18 + residents:	<b>13.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 108)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.45</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>36.4%</b>				Female <b>N/A</b>			
Male <b>63.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>8.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>5.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.1%</b>				Hispanic <b>N/A</b>			
White <b>86.9%</b>				White <b>N/A</b>			
Other <b>1.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.1%</b>	<b>1.2%</b>	<b>3.9%</b>	AA/Black	<b>5.1%</b>	<b>14.5%</b>	<b>-9.4%</b>
Hispanic	<b>7.1%</b>	<b>2.4%</b>	<b>4.7%</b>	Hispanic	<b>7.1%</b>	<b>15.2%</b>	<b>-8.1%</b>
White	<b>86.9%</b>	<b>90.7%</b>	<b>-3.8%</b>	White	<b>86.9%</b>	<b>65.1%</b>	<b>21.8%</b>
Other	<b>1.0%</b>	<b>6.3%</b>	<b>-5.3%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.3%</b>	<b>0.0%</b>	<b>16.7%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>7.1%</b>	<b>28.6%</b>	<b>64.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>57.4%</b>	<b>23.8%</b>	<b>16.8%</b>	<b>2.0%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.003* sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MALDEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,166</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.6%</b>	Citations per 1000	
	Passing through:	<b>68.4%</b>	18 + residents:	<b>23.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,044)				ITP Stops <sup>3</sup> (N = 275)			
Mean age				Mean age			
<b>38.91</b>				<b>35.88</b>			
Gender %				Gender %			
Female <b>31.8%</b>				Female <b>28.7%</b>			
Male <b>68.2%</b>				Male <b>71.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>9.0%</b>				Race % Mis/Unk <sup>4</sup> <b>5.5%</b>			
AA/Black <b>20.4%</b>				AA/Black <b>17.7%</b>			
Hispanic <b>12.7%</b>				Hispanic <b>16.9%</b>			
White <b>52.9%</b>				White <b>54.2%</b>			
Other <b>13.9%</b>				Other <b>11.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.4%</b>	<b>18.5%</b>	<b>1.9%</b>	AA/Black	<b>20.4%</b>	<b>14.5%</b>	<b>5.9%</b>
Hispanic	<b>12.7%</b>	<b>8.5%</b>	<b>4.2%</b>	Hispanic	<b>12.7%</b>	<b>15.2%</b>	<b>-2.5%</b>
White	<b>52.9%</b>	<b>47.0%</b>	<b>5.9%</b>	White	<b>52.9%</b>	<b>65.1%</b>	<b>-12.2%</b>
Other	<b>13.9%</b>	<b>25.7%</b>	<b>-11.8%</b>	Other	<b>13.9%</b>	<b>5.2%</b>	<b>8.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	432	<b>46.6%</b>	<b>48.2%</b>	NW	109	<b>42.7%</b>	<b>49.4%</b>
White	492	<b>53.4%</b>	<b>51.8%</b>	White	134	<b>57.3%</b>	<b>50.6%</b>
Chi-square, X-tab <sup>6</sup> : .749 not sig.				Chi-square, X-tab <sup>6</sup> : .326 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.034 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.071 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.2%</b>	<b>19.9%</b>	<b>17.1%</b>	<b>2.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>55.0%</b>	<b>21.4%</b>	<b>22.9%</b>	<b>0.7%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>64.9%</b>	<b>19.6%</b>	<b>14.1%</b>	<b>1.4%</b>			
Other	<b>65.2%</b>	<b>29.7%</b>	<b>5.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MANCHESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>367</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.1%</b>	Citations per 1000	
	Passing through:	<b>79.9%</b>	18 + residents:	<b>87.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 353)				ITP Stops <sup>3</sup> (N = 102)			
Mean age				Mean age			
<b>43.63</b>				<b>42.49</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>39.2%</b>			
Male <b>64.2%</b>				Male <b>60.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.5%</b>				Race % Mis/Unk <sup>4</sup> <b>9.8%</b>			
AA/Black <b>1.3%</b>				AA/Black <b>1.1%</b>			
Hispanic <b>9.8%</b>				Hispanic <b>7.6%</b>			
White <b>87.7%</b>				White <b>89.1%</b>			
Other <b>1.3%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.3%</b>	<b>0.0%</b>	<b>1.3%</b>	AA/Black	<b>1.3%</b>	<b>14.5%</b>	<b>-13.2%</b>
Hispanic	<b>9.8%</b>	<b>1.5%</b>	<b>8.3%</b>	Hispanic	<b>9.8%</b>	<b>15.2%</b>	<b>-5.4%</b>
White	<b>87.7%</b>	<b>97.1%</b>	<b>-9.4%</b>	White	<b>87.7%</b>	<b>65.1%</b>	<b>22.6%</b>
Other	<b>1.3%</b>	<b>1.3%</b>	<b>0.0%</b>	Other	<b>1.3%</b>	<b>5.2%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	<b>11.4%</b>	<b>14.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	268	<b>88.6%</b>	<b>86.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.541	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.713	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>16.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>37.5%</b>	<b>18.8%</b>	<b>25.0%</b>	<b>18.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>71.3%</b>	<b>8.7%</b>	<b>10.8%</b>	<b>9.1%</b>			
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.011 *	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MANSFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,641</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.7%</b>	Citations per 1000	
	Passing through:	<b>65.3%</b>	18 + residents:	<b>139.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,525)				ITP Stops <sup>3</sup> (N = 1,134)			
Mean age				Mean age			
<b>39.27</b>				<b>38.12</b>			
Gender %				Gender %			
Female <b>40.7%</b>				Female <b>40.5%</b>			
Male <b>59.3%</b>				Male <b>59.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>12.0%</b>				AA/Black <b>10.4%</b>			
Hispanic <b>5.1%</b>				Hispanic <b>4.0%</b>			
White <b>77.0%</b>				White <b>78.9%</b>			
Other <b>5.9%</b>				Other <b>6.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.0%</b>	<b>2.3%</b>	<b>9.7%</b>	AA/Black	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
Hispanic	<b>5.1%</b>	<b>4.1%</b>	<b>1.0%</b>	Hispanic	<b>5.1%</b>	<b>15.2%</b>	<b>-10.1%</b>
White	<b>77.0%</b>	<b>86.4%</b>	<b>-9.4%</b>	White	<b>77.0%</b>	<b>65.1%</b>	<b>11.9%</b>
Other	<b>5.9%</b>	<b>7.5%</b>	<b>-1.6%</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	548	<b>18.1%</b>	<b>34.4%</b>	NW	215	<b>18.2%</b>	<b>27.9%</b>
White	1,833	<b>81.9%</b>	<b>65.6%</b>	White	805	<b>81.8%</b>	<b>72.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .417* sig.				Odds ratio Exp(B) <sup>7</sup> : .488 sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.3%</b>	<b>3.6%</b>	<b>15.2%</b>	<b>1.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>69.6%</b>	<b>4.3%</b>	<b>22.5%</b>	<b>3.6%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>91.5%</b>	<b>2.8%</b>	<b>4.5%</b>	<b>1.3%</b>			
Other	<b>95.4%</b>	<b>1.3%</b>	<b>1.3%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MARBLEHEAD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>156</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>54.3%</b>	Citations per 1000	
	Passing through:	<b>45.7%</b>	18 + residents:	<b>9.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 127)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.07</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>N/A</b>			
Male <b>72.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>9.2%</b>				Hispanic <b>N/A</b>			
White <b>85.0%</b>				White <b>N/A</b>			
Other <b>1.7%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>1.6%</b>	<b>2.6%</b>	AA/Black	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
Hispanic	<b>9.2%</b>	<b>5.0%</b>	<b>4.2%</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>85.0%</b>	<b>91.1%</b>	<b>-6.1%</b>	White	<b>85.0%</b>	<b>65.1%</b>	<b>19.9%</b>
Other	<b>1.7%</b>	<b>2.3%</b>	<b>-0.6%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	<b>12.6%</b>	<b>19.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	97	<b>87.4%</b>	<b>80.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.398	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.658	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>16.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>10.0%</b>	<b>60.0%</b>	<b>5.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>53.0%</b>	<b>20.5%</b>	<b>23.1%</b>	<b>3.4%</b>			
Other	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.027*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MARION POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>218</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.4%</b>	Citations per 1000	
	Passing through:	<b>81.6%</b>	18 + residents:	<b>54</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 207)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.82</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>41.1%</b>				Female <b>N/A</b>			
Male <b>58.5%</b>				Male <b>N/A</b>			
Non-binary <b>0.5%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>2.0%</b>				Hispanic <b>N/A</b>			
White <b>88.6%</b>				White <b>N/A</b>			
Other <b>0.5%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>1.4%</b>	<b>7.6%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>2.0%</b>	<b>4.4%</b>	<b>-2.4%</b>	Hispanic	<b>2.0%</b>	<b>15.2%</b>	<b>-13.2%</b>
White	<b>88.6%</b>	<b>84.7%</b>	<b>3.9%</b>	White	<b>88.6%</b>	<b>65.1%</b>	<b>23.5%</b>
Other	<b>0.5%</b>	<b>5.3%</b>	<b>-4.8%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	<b>10.7%</b>	<b>13.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	165	<b>89.3%</b>	<b>86.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .583 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .529 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.4%</b>	<b>10.5%</b>	<b>36.8%</b>	<b>5.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>75.9%</b>	<b>7.0%</b>	<b>14.4%</b>	<b>2.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .324 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MARLBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,448</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>46.9%</b>	Citations per 1000	
	Passing through:	<b>53.1%</b>	18 + residents:	<b>46</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,101)				ITP Stops <sup>3</sup> (N = 388)			
Mean age				Mean age			
<b>38.18</b>				<b>37.71</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>34.4%</b>			
Male <b>64.2%</b>				Male <b>65.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			
AA/Black <b>4.8%</b>				AA/Black <b>4.6%</b>			
Hispanic <b>16.9%</b>				Hispanic <b>20.8%</b>			
White <b>75.6%</b>				White <b>70.5%</b>			
Other <b>2.8%</b>				Other <b>4.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>3.8%</b>	<b>1.0%</b>	AA/Black	<b>4.8%</b>	<b>14.5%</b>	<b>-9.7%</b>
Hispanic	<b>16.9%</b>	<b>15.1%</b>	<b>1.8%</b>	Hispanic	<b>16.9%</b>	<b>15.2%</b>	<b>1.7%</b>
White	<b>75.6%</b>	<b>69.2%</b>	<b>6.4%</b>	White	<b>75.6%</b>	<b>65.1%</b>	<b>10.5%</b>
Other	<b>2.8%</b>	<b>9.8%</b>	<b>-7.0%</b>	Other	<b>2.8%</b>	<b>5.2%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	239	<b>21.8%</b>	<b>29.5%</b>	NW	96	<b>31.1%</b>	<b>24.3%</b>
White	748	<b>78.2%</b>	<b>70.5%</b>	White	237	<b>68.9%</b>	<b>75.7%</b>
Chi-square, X-tab <sup>6</sup> :		.009*	sig.	Chi-square, X-tab <sup>6</sup> :		.199	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.666*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.093	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>41.5%</b>	<b>23.1%</b>	<b>29.2%</b>	<b>6.2%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>34.0%</b>	<b>19.0%</b>	<b>39.9%</b>	<b>7.1%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>47.7%</b>	<b>25.8%</b>	<b>22.9%</b>	<b>3.7%</b>			
Other	<b>59.0%</b>	<b>30.8%</b>	<b>10.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MARSHFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>286</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>55.3%</b>	Citations per 1000	
	Passing through:	<b>44.7%</b>	18 + residents:	<b>11</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 226)				ITP Stops <sup>3</sup> (N = 90)			
Mean age				Mean age			
<b>37.53</b>				<b>38.41</b>			
Gender %				Gender %			
Female <b>24.3%</b>				Female <b>24.4%</b>			
Male <b>75.7%</b>				Male <b>75.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>7.5%</b>				AA/Black <b>10.0%</b>			
Hispanic <b>4.2%</b>				Hispanic <b>3.3%</b>			
White <b>87.7%</b>				White <b>86.7%</b>			
Other <b>0.5%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>0.6%</b>	<b>6.9%</b>	AA/Black	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
Hispanic	<b>4.2%</b>	<b>2.1%</b>	<b>2.1%</b>	Hispanic	<b>4.2%</b>	<b>15.2%</b>	<b>-11.0%</b>
White	<b>87.7%</b>	<b>96.3%</b>	<b>-8.6%</b>	White	<b>87.7%</b>	<b>65.1%</b>	<b>22.6%</b>
Other	<b>0.5%</b>	<b>1.6%</b>	<b>-1.1%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	<b>21.6%</b>	<b>9.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	140	<b>78.4%</b>	<b>90.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .037* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 2.848* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>8.7%</b>	<b>13.0%</b>	<b>78.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>8.3%</b>	<b>0.0%</b>	<b>91.7%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>16.7%</b>	<b>27.0%</b>	<b>49.4%</b>	<b>6.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .016* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASHPEE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>368</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.2%</b>	Citations per 1000	
	Passing through:	<b>74.8%</b>	18 + residents:	<b>30.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 317)				ITP Stops <sup>3</sup> (N = 91)			
Mean age				Mean age			
<b>36.54</b>				<b>35.68</b>			
Gender %				Gender %			
Female <b>29.0%</b>				Female <b>25.8%</b>			
Male <b>70.7%</b>				Male <b>73.0%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>1.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>5.5%</b>			
AA/Black <b>15.6%</b>				AA/Black <b>14.0%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>4.7%</b>			
White <b>78.2%</b>				White <b>81.4%</b>			
Other <b>1.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.6%</b>	<b>3.2%</b>	<b>12.4%</b>	AA/Black	<b>15.6%</b>	<b>14.5%</b>	<b>1.1%</b>
Hispanic	<b>5.2%</b>	<b>0.6%</b>	<b>4.6%</b>	Hispanic	<b>5.2%</b>	<b>15.2%</b>	<b>-10.0%</b>
White	<b>78.2%</b>	<b>85.7%</b>	<b>-7.5%</b>	White	<b>78.2%</b>	<b>65.1%</b>	<b>13.1%</b>
Other	<b>1.0%</b>	<b>9.6%</b>	<b>-8.6%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	<b>21.9%</b>	<b>22.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	217	<b>78.1%</b>	<b>78.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.980	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.831	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>10.9%</b>	<b>7.3%</b>	<b>80.0%</b>	<b>1.8%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>10.5%</b>	<b>84.2%</b>	<b>5.3%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>7.5%</b>	<b>24.6%</b>	<b>57.1%</b>	<b>10.7%</b>			
Other	<b>33.3%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.006*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MATTAPOISETT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,021</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.8%</b>	Citations per 1000	
	Passing through:	<b>80.2%</b>	18 + residents:	<b>187</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 989)				ITP Stops <sup>3</sup> (N = 383)			
Mean age				Mean age			
<b>38.14</b>				<b>37.96</b>			
Gender %				Gender %			
Female <b>40.6%</b>				Female <b>37.8%</b>			
Male <b>59.2%</b>				Male <b>61.9%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>6.6%</b>				AA/Black <b>7.5%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>4.6%</b>			
White <b>88.8%</b>				White <b>87.1%</b>			
Other <b>0.5%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.6%</b>	<b>0.0%</b>	<b>6.6%</b>	AA/Black	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
Hispanic	<b>4.1%</b>	<b>2.4%</b>	<b>1.7%</b>	Hispanic	<b>4.1%</b>	<b>15.2%</b>	<b>-11.1%</b>
White	<b>88.8%</b>	<b>95.2%</b>	<b>-6.4%</b>	White	<b>88.8%</b>	<b>65.1%</b>	<b>23.7%</b>
Other	<b>0.5%</b>	<b>1.5%</b>	<b>-1.0%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104	<b>10.5%</b>	<b>12.8%</b>	NW	45	<b>13.6%</b>	<b>10.9%</b>
White	829	<b>89.5%</b>	<b>87.2%</b>	White	304	<b>86.4%</b>	<b>89.1%</b>
Chi-square, X-tab <sup>6</sup> : .309 not sig.				Chi-square, X-tab <sup>6</sup> : .500 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .782 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.557 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.2%</b>	<b>6.1%</b>	<b>15.2%</b>	<b>4.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>61.5%</b>	<b>5.1%</b>	<b>25.6%</b>	<b>7.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>81.8%</b>	<b>5.3%</b>	<b>9.3%</b>	<b>3.5%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .054 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MAYNARD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>935</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.0%</b>	Citations per 1000	
	Passing through:	<b>77.0%</b>	18 + residents:	<b>105.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 878)				ITP Stops <sup>3</sup> (N = 363)			
Mean age				Mean age			
<b>37.87</b>				<b>36.94</b>			
Gender	%			Gender	%		
Female		<b>34.2%</b>		Female		<b>32.4%</b>	
Male		<b>65.7%</b>		Male		<b>67.6%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.0%</b>	
Race	%	Mis/Unk <sup>4</sup>	<b>1.7%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>2.8%</b>
AA/Black		<b>8.3%</b>		AA/Black		<b>7.6%</b>	
Hispanic		<b>10.0%</b>		Hispanic		<b>9.1%</b>	
White		<b>77.3%</b>		White		<b>78.8%</b>	
Other		<b>4.4%</b>		Other		<b>4.5%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.3%</b>	<b>1.3%</b>	<b>7.0%</b>	AA/Black	<b>8.3%</b>	<b>14.5%</b>	<b>-6.2%</b>
Hispanic	<b>10.0%</b>	<b>3.4%</b>	<b>6.6%</b>	Hispanic	<b>10.0%</b>	<b>15.2%</b>	<b>-5.2%</b>
White	<b>77.3%</b>	<b>91.9%</b>	<b>-14.6%</b>	White	<b>77.3%</b>	<b>65.1%</b>	<b>12.2%</b>
Other	<b>4.4%</b>	<b>3.4%</b>	<b>1.0%</b>	Other	<b>4.4%</b>	<b>5.2%</b>	<b>-0.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	187	<b>21.3%</b>	<b>25.2%</b>	NW	67	<b>20.3%</b>	<b>21.6%</b>
White	639	<b>78.7%</b>	<b>74.8%</b>	White	254	<b>79.7%</b>	<b>78.4%</b>
Chi-square, X-tab <sup>6</sup> :		.201	not sig.	Chi-square, X-tab <sup>6</sup> :		.784	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.840	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.991	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.5%</b>	<b>12.7%</b>	<b>25.3%</b>	<b>2.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>47.0%</b>	<b>8.0%</b>	<b>30.0%</b>	<b>15.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>69.0%</b>	<b>14.7%</b>	<b>12.3%</b>	<b>4.0%</b>			
Other	<b>72.5%</b>	<b>12.5%</b>	<b>10.0%</b>	<b>5.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MEDFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>437</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.0%</b>	Citations per 1000	
	Passing through:	<b>76.0%</b>	18 + residents:	<b>48.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 412)				ITP Stops <sup>3</sup> (N = 147)			
Mean age				Mean age			
<b>39.85</b>				<b>37.01</b>			
Gender %				Gender %			
Female <b>43.4%</b>				Female <b>39.5%</b>			
Male <b>56.6%</b>				Male <b>60.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.8%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>6.6%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>5.0%</b>			
White <b>85.3%</b>				White <b>87.1%</b>			
Other <b>3.2%</b>				Other <b>3.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.6%</b>	<b>0.9%</b>	<b>5.7%</b>	AA/Black	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
Hispanic	<b>5.0%</b>	<b>91.1%</b>	<b>-86.1%</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>85.3%</b>	<b>91.1%</b>	<b>-5.8%</b>	White	<b>85.3%</b>	<b>65.1%</b>	<b>20.2%</b>
Other	<b>3.2%</b>	<b>6.1%</b>	<b>-2.9%</b>	Other	<b>3.2%</b>	<b>5.2%</b>	<b>-2.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	49	<b>14.4%</b>	<b>11.1%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	305	<b>85.6%</b>	<b>88.9%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.489	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.015	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.0%</b>	<b>20.0%</b>	<b>16.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>57.9%</b>	<b>21.1%</b>	<b>15.8%</b>	<b>5.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>80.4%</b>	<b>15.0%</b>	<b>4.0%</b>	<b>0.6%</b>			
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.017*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MEDFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,267</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.8%</b>	Citations per 1000	
	Passing through:	<b>72.2%</b>	18 + residents:	<b>25.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,178)				ITP Stops <sup>3</sup> (N = 503)			
Mean age				Mean age			
<b>39.5</b>				<b>39.11</b>			
Gender %				Gender %			
Female <b>32.5%</b>				Female <b>34.2%</b>			
Male <b>67.5%</b>				Male <b>65.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.2%</b>				Race % Mis/Unk <sup>4</sup> <b>9.1%</b>			
AA/Black <b>16.4%</b>				AA/Black <b>14.4%</b>			
Hispanic <b>14.8%</b>				Hispanic <b>14.4%</b>			
White <b>59.5%</b>				White <b>62.1%</b>			
Other <b>9.3%</b>				Other <b>9.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.4%</b>	<b>9.2%</b>	<b>7.2%</b>	AA/Black	<b>16.4%</b>	<b>14.5%</b>	<b>1.9%</b>
Hispanic	<b>14.8%</b>	<b>0.5%</b>	<b>14.3%</b>	Hispanic	<b>14.8%</b>	<b>15.2%</b>	<b>-0.4%</b>
White	<b>59.5%</b>	<b>71.1%</b>	<b>-11.6%</b>	White	<b>59.5%</b>	<b>65.1%</b>	<b>-5.6%</b>
Other	<b>9.3%</b>	<b>14.3%</b>	<b>-5.0%</b>	Other	<b>9.3%</b>	<b>5.2%</b>	<b>4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	412	<b>35.9%</b>	<b>48.6%</b>	NW	155	<b>33.5%</b>	<b>42.4%</b>
White	607	<b>64.1%</b>	<b>51.4%</b>	White	259	<b>66.5%</b>	<b>57.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .063 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .569* sig.				Odds ratio Exp(B) <sup>7</sup> : .499* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.8%</b>	<b>16.1%</b>	<b>22.1%</b>	<b>7.0%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>53.5%</b>	<b>14.0%</b>	<b>29.1%</b>	<b>3.5%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>66.4%</b>	<b>19.0%</b>	<b>11.8%</b>	<b>2.8%</b>			
Other	<b>70.6%</b>	<b>20.2%</b>	<b>6.4%</b>	<b>2.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MEDWAY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,341</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.5%</b>	Citations per 1000	
	Passing through:	<b>73.5%</b>	18 + residents:	<b>230.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,300)				ITP Stops <sup>3</sup> (N = 557)			
Mean age				Mean age			
<b>41.87</b>				<b>40.03</b>			
Gender %				Gender %			
Female <b>46.2%</b>				Female <b>43.4%</b>			
Male <b>53.7%</b>				Male <b>56.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>2.7%</b>				AA/Black <b>3.8%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>5.8%</b>			
White <b>86.3%</b>				White <b>87.1%</b>			
Other <b>4.2%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.7%</b>	<b>2.8%</b>	<b>-0.1%</b>	AA/Black	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
Hispanic	<b>6.7%</b>	<b>2.6%</b>	<b>4.1%</b>	Hispanic	<b>6.7%</b>	<b>15.2%</b>	<b>-8.5%</b>
White	<b>86.3%</b>	<b>90.0%</b>	<b>-3.7%</b>	White	<b>86.3%</b>	<b>65.1%</b>	<b>21.2%</b>
Other	<b>4.2%</b>	<b>6.1%</b>	<b>-1.9%</b>	Other	<b>4.2%</b>	<b>5.2%</b>	<b>-1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	306	<b>13.8%</b>	<b>12.0%</b>	NW	64	<b>13.4%</b>	<b>10.1%</b>
White	1,930	<b>86.2%</b>	<b>88.0%</b>	White	435	<b>86.6%</b>	<b>89.9%</b>
Chi-square, X-tab <sup>6</sup> :		.529	not sig.	Chi-square, X-tab <sup>6</sup> :		.398	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.071	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.263	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>90.6%</b>	<b>3.1%</b>	<b>4.7%</b>	<b>1.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>74.8%</b>	<b>4.4%</b>	<b>19.5%</b>	<b>1.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>94.5%</b>	<b>2.6%</b>	<b>2.1%</b>	<b>0.8%</b>			
Other	<b>98.0%</b>	<b>2.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MELROSE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>316</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.6%</b>	Citations per 1000	
	Passing through:	<b>75.4%</b>	18 + residents:	<b>13.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 272)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>42.55</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>40.3%</b>				Female <b>N/A</b>			
Male <b>59.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.4%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>12.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>7.6%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.8%</b>				Hispanic <b>N/A</b>			
White <b>80.6%</b>				White <b>N/A</b>			
Other <b>8.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>3.4%</b>	<b>4.2%</b>	AA/Black	<b>7.6%</b>	<b>14.5%</b>	<b>-6.9%</b>
Hispanic	<b>3.8%</b>	<b>3.5%</b>	<b>0.3%</b>	Hispanic	<b>3.8%</b>	<b>15.2%</b>	<b>-11.4%</b>
White	<b>80.6%</b>	<b>80.8%</b>	<b>-0.2%</b>	White	<b>80.6%</b>	<b>65.1%</b>	<b>15.5%</b>
Other	<b>8.0%</b>	<b>12.8%</b>	<b>-4.8%</b>	Other	<b>8.0%</b>	<b>5.2%</b>	<b>2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	<b>19.3%</b>	<b>20.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	178	<b>80.7%</b>	<b>79.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.856	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.684	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.6%</b>	<b>8.7%</b>	<b>21.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>63.6%</b>	<b>0.0%</b>	<b>36.4%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>70.5%</b>	<b>9.4%</b>	<b>18.8%</b>	<b>1.3%</b>			
Other	<b>66.7%</b>	<b>28.6%</b>	<b>4.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.158	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MENDON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,088</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.9%</b>	Citations per 1000	
	Passing through:	<b>93.1%</b>	18 + residents:	<b>229.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,036)				ITP Stops <sup>3</sup> (N = 346)			
Mean age				Mean age			
<b>35.81</b>				<b>34.79</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>28.8%</b>			
Male <b>68.4%</b>				Male <b>71.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>4.4%</b>				AA/Black <b>2.9%</b>			
Hispanic <b>10.0%</b>				Hispanic <b>10.3%</b>			
White <b>84.0%</b>				White <b>85.6%</b>			
Other <b>1.7%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.4%</b>	<b>0.1%</b>	<b>4.3%</b>	AA/Black	<b>4.4%</b>	<b>14.5%</b>	<b>-10.1%</b>
Hispanic	<b>10.0%</b>	<b>2.3%</b>	<b>7.7%</b>	Hispanic	<b>10.0%</b>	<b>15.2%</b>	<b>-5.2%</b>
White	<b>84.0%</b>	<b>92.3%</b>	<b>-8.3%</b>	White	<b>84.0%</b>	<b>65.1%</b>	<b>18.9%</b>
Other	<b>1.7%</b>	<b>5.3%</b>	<b>-3.6%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	156	<b>14.2%</b>	<b>21.2%</b>	NW	42	<b>14.1%</b>	<b>17.3%</b>
White	798	<b>85.8%</b>	<b>78.8%</b>	White	233	<b>85.9%</b>	<b>82.7%</b>
Chi-square, X-tab <sup>6</sup> : .007* sig.				Chi-square, X-tab <sup>6</sup> : .477 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .606* sig.				Odds ratio Exp(B) <sup>7</sup> : .746 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.9%</b>	<b>18.8%</b>	<b>27.1%</b>	<b>6.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>27.0%</b>	<b>13.9%</b>	<b>54.8%</b>	<b>4.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>63.3%</b>	<b>18.8%</b>	<b>16.6%</b>	<b>1.2%</b>			
Other	<b>66.7%</b>	<b>16.7%</b>	<b>11.1%</b>	<b>5.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MERRIMAC POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>368</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.0%</b>	Citations per 1000	
	Passing through:	<b>71.0%</b>	18 + residents:	<b>68.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 352)				ITP Stops <sup>3</sup> (N = 121)			
Mean age				Mean age			
<b>40.78</b>				<b>41.46</b>			
Gender %				Gender %			
Female <b>43.3%</b>				Female <b>41.3%</b>			
Male <b>56.4%</b>				Male <b>58.7%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>2.1%</b>				AA/Black <b>3.4%</b>			
Hispanic <b>4.4%</b>				Hispanic <b>4.2%</b>			
White <b>93.2%</b>				White <b>92.4%</b>			
Other <b>0.3%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.1%</b>	<b>0.0%</b>	<b>2.1%</b>	AA/Black	<b>2.1%</b>	<b>14.5%</b>	<b>-12.4%</b>
Hispanic	<b>4.4%</b>	<b>1.4%</b>	<b>3.0%</b>	Hispanic	<b>4.4%</b>	<b>15.2%</b>	<b>-10.8%</b>
White	<b>93.2%</b>	<b>92.4%</b>	<b>0.8%</b>	White	<b>93.2%</b>	<b>65.1%</b>	<b>28.1%</b>
Other	<b>0.3%</b>	<b>6.2%</b>	<b>-5.9%</b>	Other	<b>0.3%</b>	<b>5.2%</b>	<b>-4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	<b>3.5%</b>	<b>10.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	299	<b>96.5%</b>	<b>89.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.015*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.317*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.7%</b>	<b>0.0%</b>	<b>14.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>62.5%</b>	<b>6.3%</b>	<b>25.0%</b>	<b>6.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>78.8%</b>	<b>6.4%</b>	<b>12.7%</b>	<b>2.1%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.030*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### METHUEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,607</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.2%</b>	Citations per 1000	
	Passing through:	<b>69.8%</b>	18 + residents:	<b>65</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,329)				ITP Stops <sup>3</sup> (N = 957)			
Mean age				Mean age			
<b>35.7</b>				<b>34.67</b>			
Gender %				Gender %			
Female <b>33.6%</b>				Female <b>31.8%</b>			
Male <b>66.4%</b>				Male <b>68.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>20.2%</b>				Race % Mis/Unk <sup>4</sup> <b>23.7%</b>			
AA/Black <b>8.0%</b>				AA/Black <b>7.9%</b>			
Hispanic <b>48.7%</b>				Hispanic <b>50.4%</b>			
White <b>41.0%</b>				White <b>39.2%</b>			
Other <b>2.3%</b>				Other <b>2.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.0%</b>	<b>4.3%</b>	<b>3.7%</b>	AA/Black	<b>8.0%</b>	<b>14.5%</b>	<b>-6.5%</b>
Hispanic	<b>48.7%</b>	<b>29.5%</b>	<b>19.2%</b>	Hispanic	<b>48.7%</b>	<b>15.2%</b>	<b>33.5%</b>
White	<b>41.0%</b>	<b>60.9%</b>	<b>-19.9%</b>	White	<b>41.0%</b>	<b>65.1%</b>	<b>-24.1%</b>
Other	<b>2.3%</b>	<b>8.3%</b>	<b>-6.0%</b>	Other	<b>2.3%</b>	<b>5.2%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,042	<b>55.9%</b>	<b>66.0%</b>	NW	397	<b>60.0%</b>	<b>63.2%</b>
White	713	<b>44.1%</b>	<b>34.0%</b>	White	252	<b>40.0%</b>	<b>36.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .408 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .677* sig.				Odds ratio Exp(B) <sup>7</sup> : .621* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.3%</b>	<b>17.1%</b>	<b>12.0%</b>	<b>0.6%</b>	NW	<b>14</b>	<b>N/A</b>
Hispanic	<b>62.9%</b>	<b>18.7%</b>	<b>14.2%</b>	<b>4.1%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>73.0%</b>	<b>14.6%</b>	<b>9.4%</b>	<b>3.1%</b>			
Other	<b>77.1%</b>	<b>20.8%</b>	<b>2.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MIDDLEBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>558</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.8%</b>	Citations per 1000	
	Passing through:	<b>64.2%</b>	18 + residents:	<b>27.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 383)				ITP Stops <sup>3</sup> (N = 144)			
Mean age				Mean age			
<b>37.47</b>				<b>36.03</b>			
Gender %				Gender %			
Female <b>32.6%</b>				Female <b>31.5%</b>			
Male <b>67.4%</b>				Male <b>68.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>2.1%</b>		Race %	Mis/Unk <sup>4</sup>	<b>0.7%</b>	
AA/Black	<b>10.1%</b>			AA/Black	<b>9.1%</b>		
Hispanic	<b>1.1%</b>			Hispanic	<b>1.4%</b>		
White	<b>88.3%</b>			White	<b>89.5%</b>		
Other	<b>0.5%</b>			Other	<b>0.0%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.1%</b>	<b>2.1%</b>	<b>8.0%</b>	AA/Black	<b>10.1%</b>	<b>14.5%</b>	<b>-4.4%</b>
Hispanic	<b>1.1%</b>	<b>3.0%</b>	<b>-1.9%</b>	Hispanic	<b>1.1%</b>	<b>15.2%</b>	<b>-14.1%</b>
White	<b>88.3%</b>	<b>92.2%</b>	<b>-3.9%</b>	White	<b>88.3%</b>	<b>65.1%</b>	<b>23.2%</b>
Other	<b>0.5%</b>	<b>2.0%</b>	<b>-1.5%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	41	<b>9.6%</b>	<b>15.3%</b>	NW	15	<b>8.3%</b>	<b>17.4%</b>
White	294	<b>90.4%</b>	<b>84.7%</b>	White	115	<b>91.7%</b>	<b>82.6%</b>
Chi-square, X-tab <sup>6</sup> : .110 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .122 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .612 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .351 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>19.6%</b>	<b>37.3%</b>	<b>9.8%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>40.1%</b>	<b>18.7%</b>	<b>29.7%</b>	<b>11.4%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>20.0%</b>	<b>80.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MIDDLETON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>854</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.2%</b>	Citations per 1000	
	Passing through:	<b>87.8%</b>	18 + residents:	<b>104.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 823)				ITP Stops <sup>3</sup> (N = 264)			
Mean age				Mean age			
<b>38.96</b>				<b>38.32</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>38.3%</b>			
Male <b>63.2%</b>				Male <b>61.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>3.7%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>16.8%</b>				Hispanic <b>21.8%</b>			
White <b>75.4%</b>				White <b>68.6%</b>			
Other <b>4.1%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>1.5%</b>	<b>2.2%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>16.8%</b>	<b>6.2%</b>	<b>10.6%</b>	Hispanic	<b>16.8%</b>	<b>15.2%</b>	<b>1.6%</b>
White	<b>75.4%</b>	<b>90.3%</b>	<b>-14.9%</b>	White	<b>75.4%</b>	<b>65.1%</b>	<b>10.3%</b>
Other	<b>4.1%</b>	<b>4.7%</b>	<b>-0.6%</b>	Other	<b>4.1%</b>	<b>5.2%</b>	<b>-1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	185	<b>19.9%</b>	<b>36.3%</b>	NW	69	<b>27.5%</b>	<b>36.8%</b>
White	585	<b>80.1%</b>	<b>63.7%</b>	White	159	<b>72.5%</b>	<b>63.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .164 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .416* sig.				Odds ratio Exp(B) <sup>7</sup> : .464 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.6%</b>	<b>16.1%</b>	<b>3.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>67.4%</b>	<b>11.3%</b>	<b>18.4%</b>	<b>2.8%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>80.4%</b>	<b>11.5%</b>	<b>6.5%</b>	<b>1.6%</b>			
Other	<b>94.1%</b>	<b>5.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MILFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,869</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>55.2%</b>	Citations per 1000	
	Passing through:	<b>44.8%</b>	18 + residents:	<b>83.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,650)				ITP Stops <sup>3</sup> (N = 593)			
Mean age				Mean age			
<b>35.76</b>				<b>34.37</b>			
Gender %				Gender %			
Female <b>30.6%</b>				Female <b>27.5%</b>			
Male <b>69.4%</b>				Male <b>72.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>3.7%</b>				AA/Black <b>2.9%</b>			
Hispanic <b>9.8%</b>				Hispanic <b>13.0%</b>			
White <b>85.1%</b>				White <b>83.4%</b>			
Other <b>1.4%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>2.3%</b>	<b>1.4%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>9.8%</b>	<b>14.0%</b>	<b>-4.2%</b>	Hispanic	<b>9.8%</b>	<b>15.2%</b>	<b>-5.4%</b>
White	<b>85.1%</b>	<b>73.8%</b>	<b>11.3%</b>	White	<b>85.1%</b>	<b>65.1%</b>	<b>20.0%</b>
Other	<b>1.4%</b>	<b>5.4%</b>	<b>-4.0%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	225	<b>13.3%</b>	<b>18.5%</b>	NW	87	<b>13.3%</b>	<b>20.6%</b>
White	1,246	<b>86.7%</b>	<b>81.5%</b>	White	442	<b>86.7%</b>	<b>79.4%</b>
Chi-square, X-tab <sup>6</sup> : .007* sig.				Chi-square, X-tab <sup>6</sup> : .024* sig.			
Odds ratio Exp(B) <sup>7</sup> : .712* sig.				Odds ratio Exp(B) <sup>7</sup> : .393* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.2%</b>	<b>7.4%</b>	<b>20.6%</b>	<b>5.9%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>28.4%</b>	<b>2.1%</b>	<b>61.6%</b>	<b>7.9%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>59.0%</b>	<b>3.2%</b>	<b>34.6%</b>	<b>3.3%</b>			
Other	<b>91.3%</b>	<b>4.3%</b>	<b>0.0%</b>	<b>4.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MILLBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>236</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.0%</b>	Citations per 1000	
	Passing through:	<b>72.0%</b>	18 + residents:	<b>21.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 193)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>34.71</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>31.9%</b>				Female <b>N/A</b>			
Male <b>68.1%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>7.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>11.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>13.5%</b>				Hispanic <b>N/A</b>			
White <b>74.2%</b>				White <b>N/A</b>			
Other <b>1.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.2%</b>	<b>1.4%</b>	<b>9.8%</b>	AA/Black	<b>11.2%</b>	<b>14.5%</b>	<b>-3.3%</b>
Hispanic	<b>13.5%</b>	<b>1.2%</b>	<b>12.3%</b>	Hispanic	<b>13.5%</b>	<b>15.2%</b>	<b>-1.7%</b>
White	<b>74.2%</b>	<b>91.1%</b>	<b>-16.9%</b>	White	<b>74.2%</b>	<b>65.1%</b>	<b>9.1%</b>
Other	<b>1.1%</b>	<b>5.4%</b>	<b>-4.3%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	<b>19.1%</b>	<b>35.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	99	<b>80.9%</b>	<b>64.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .034* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .405* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>26.9%</b>	<b>11.5%</b>	<b>50.0%</b>	<b>11.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>34.5%</b>	<b>6.9%</b>	<b>48.3%</b>	<b>10.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>34.2%</b>	<b>19.6%</b>	<b>35.4%</b>	<b>10.8%</b>			
Other	<b>25.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>50.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .246 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MILLIS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>396</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.4%</b>	Citations per 1000	
	Passing through:	<b>83.6%</b>	18 + residents:	<b>61</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 366)				ITP Stops <sup>3</sup> (N = 119)			
Mean age				Mean age			
<b>38.22</b>				<b>36.25</b>			
Gender %				Gender %			
Female <b>30.3%</b>				Female <b>33.6%</b>			
Male <b>69.4%</b>				Male <b>65.6%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.9%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.0%</b>				Race % Mis/Unk <sup>4</sup> <b>12.6%</b>			
AA/Black <b>4.1%</b>				AA/Black <b>5.8%</b>			
Hispanic <b>9.0%</b>				Hispanic <b>3.8%</b>			
White <b>84.3%</b>				White <b>88.5%</b>			
Other <b>2.6%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.1%</b>	<b>2.3%</b>	<b>1.8%</b>	AA/Black	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
Hispanic	<b>9.0%</b>	<b>2.3%</b>	<b>6.7%</b>	Hispanic	<b>9.0%</b>	<b>15.2%</b>	<b>-6.2%</b>
White	<b>84.3%</b>	<b>92.9%</b>	<b>-8.6%</b>	White	<b>84.3%</b>	<b>65.1%</b>	<b>19.2%</b>
Other	<b>2.6%</b>	<b>1.7%</b>	<b>0.9%</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	<b>16.8%</b>	<b>13.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	283	<b>83.2%</b>	<b>87.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .399 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.562 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>18.8%</b>	<b>31.3%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>23.5%</b>	<b>2.9%</b>	<b>73.5%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>66.6%</b>	<b>9.6%</b>	<b>19.3%</b>	<b>4.5%</b>			
Other	<b>63.6%</b>	<b>18.2%</b>	<b>18.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MILLVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>197</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.4%</b>	Citations per 1000	
	Passing through:	<b>86.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 194)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.21</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>40.4%</b>				Female <b>N/A</b>			
Male <b>59.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race %	Mis/Unk <sup>4</sup>	<b>6.7%</b>		Race %	Mis/Unk <sup>4</sup>	<b>N/A</b>	
AA/Black	<b>6.1%</b>			AA/Black		<b>N/A</b>	
Hispanic	<b>6.1%</b>			Hispanic		<b>N/A</b>	
White	<b>85.6%</b>			White		<b>N/A</b>	
Other	<b>2.2%</b>			Other		<b>N/A</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
Hispanic	<b>6.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>6.1%</b>	<b>15.2%</b>	<b>-9.1%</b>
White	<b>85.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.6%</b>	<b>65.1%</b>	<b>20.5%</b>
Other	<b>2.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	<b>12.3%</b>	<b>20.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	155	<b>87.7%</b>	<b>79.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .160 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .534 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>27.3%</b>	<b>27.3%</b>	<b>45.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>63.6%</b>	<b>18.2%</b>	<b>18.2%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>58.9%</b>	<b>20.9%</b>	<b>18.4%</b>	<b>1.9%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .453 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MILTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,183</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.8%</b>	Citations per 1000	
	Passing through:	<b>86.2%</b>	18 + residents:	<b>56.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,095)				ITP Stops <sup>3</sup> (N = 184)			
Mean age				Mean age			
<b>40.44</b>				<b>38.56</b>			
Gender %				Gender %			
Female <b>39.1%</b>				Female <b>42.6%</b>			
Male <b>60.9%</b>				Male <b>57.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>			
AA/Black <b>51.5%</b>				AA/Black <b>43.0%</b>			
Hispanic <b>13.3%</b>				Hispanic <b>17.3%</b>			
White <b>31.1%</b>				White <b>34.1%</b>			
Other <b>4.1%</b>				Other <b>5.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>51.5%</b>	<b>15.1%</b>	<b>36.4%</b>	AA/Black	<b>51.5%</b>	<b>14.5%</b>	<b>37.0%</b>
Hispanic	<b>13.3%</b>	<b>3.2%</b>	<b>10.1%</b>	Hispanic	<b>13.3%</b>	<b>15.2%</b>	<b>-1.9%</b>
White	<b>31.1%</b>	<b>71.7%</b>	<b>-40.6%</b>	White	<b>31.1%</b>	<b>65.1%</b>	<b>-34.0%</b>
Other	<b>4.1%</b>	<b>10.6%</b>	<b>-6.5%</b>	Other	<b>4.1%</b>	<b>5.2%</b>	<b>-1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	717	<b>68.6%</b>	<b>82.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	323	<b>31.4%</b>	<b>17.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.152	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.545	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.4%</b>	<b>6.3%</b>	<b>10.7%</b>	<b>0.7%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>81.8%</b>	<b>4.7%</b>	<b>12.8%</b>	<b>0.7%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>87.6%</b>	<b>7.2%</b>	<b>4.9%</b>	<b>0.3%</b>			
Other	<b>83.7%</b>	<b>14.3%</b>	<b>2.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.014*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MONSON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>597</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.3%</b>	Citations per 1000	
	Passing through:	<b>69.7%</b>	18 + residents:	<b>82.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 557)				ITP Stops <sup>3</sup> (N = 204)			
Mean age				Mean age			
<b>33.95</b>				<b>33.51</b>			
Gender %				Gender %			
Female <b>25.5%</b>				Female <b>21.7%</b>			
Male <b>74.5%</b>				Male <b>78.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.4%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>5.5%</b>				Hispanic <b>5.9%</b>			
White <b>87.3%</b>				White <b>86.6%</b>			
Other <b>0.7%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>1.1%</b>	<b>5.3%</b>	AA/Black	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
Hispanic	<b>5.5%</b>	<b>1.5%</b>	<b>4.0%</b>	Hispanic	<b>5.5%</b>	<b>15.2%</b>	<b>-9.7%</b>
White	<b>87.3%</b>	<b>95.9%</b>	<b>-8.6%</b>	White	<b>87.3%</b>	<b>65.1%</b>	<b>22.2%</b>
Other	<b>0.7%</b>	<b>2.0%</b>	<b>-1.3%</b>	Other	<b>0.7%</b>	<b>5.2%</b>	<b>-4.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	<b>11.0%</b>	<b>14.6%</b>	NW	23	<b>15.5%</b>	<b>9.4%</b>
White	422	<b>89.0%</b>	<b>85.4%</b>	White	159	<b>84.5%</b>	<b>90.6%</b>
Chi-square, X-tab <sup>6</sup> : .323 not sig.				Chi-square, X-tab <sup>6</sup> : .220 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .612 not sig.				Odds ratio Exp(B) <sup>7</sup> : 2.221 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>36.6%</b>	<b>2.4%</b>	<b>39.0%</b>	<b>22.0%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>43.8%</b>	<b>15.6%</b>	<b>15.6%</b>	<b>25.0%</b>	White	<b>17</b>	<b>N/A</b>
White	<b>55.1%</b>	<b>20.6%</b>	<b>12.5%</b>	<b>11.9%</b>			
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MONTAGUE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>639</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.8%</b>	Citations per 1000	
	Passing through:	<b>88.2%</b>	18 + residents:	<b>92.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 586)				ITP Stops <sup>3</sup> (N = 311)			
Mean age				Mean age			
<b>37.39</b>				<b>38.43</b>			
Gender %				Gender %			
Female <b>48.4%</b>				Female <b>48.7%</b>			
Male <b>51.6%</b>				Male <b>51.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>3.5%</b>				AA/Black <b>3.6%</b>			
Hispanic <b>3.1%</b>				Hispanic <b>2.6%</b>			
White <b>92.4%</b>				White <b>92.2%</b>			
Other <b>1.0%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.5%</b>	<b>1.9%</b>	<b>1.6%</b>	AA/Black	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
Hispanic	<b>3.1%</b>	<b>4.2%</b>	<b>-1.1%</b>	Hispanic	<b>3.1%</b>	<b>15.2%</b>	<b>-12.1%</b>
White	<b>92.4%</b>	<b>88.9%</b>	<b>3.5%</b>	White	<b>92.4%</b>	<b>65.1%</b>	<b>27.3%</b>
Other	<b>1.0%</b>	<b>5.5%</b>	<b>-4.5%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	42	<b>9.3%</b>	<b>7.2%</b>	NW	22	<b>9.6%</b>	<b>6.8%</b>
White	460	<b>90.7%</b>	<b>92.8%</b>	White	245	<b>90.4%</b>	<b>93.2%</b>
Chi-square, X-tab <sup>6</sup> : .404 not sig.				Chi-square, X-tab <sup>6</sup> : .404 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.177 not sig.				Odds ratio Exp(B) <sup>7</sup> : .870 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>71.4%</b>	<b>4.8%</b>	<b>23.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>71.4%</b>	<b>4.8%</b>	<b>19.0%</b>	<b>4.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>84.5%</b>	<b>3.3%</b>	<b>11.0%</b>	<b>1.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .495 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MONTGOMERY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>119</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:			Citations per 1000			
	Passing through:			18 + residents:			
			<b>32.2%</b>	<b>N/A</b>			
			<b>67.8%</b>				
<sup>1</sup> Total <i>citations</i> issued by department, <u>including</u> multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b>			<b>(N = 118)</b>		<b>ITP Stops<sup>3</sup></b>		
					<b>(N = N/A)</b>		
Mean age					Mean age		
			<b>42.35</b>		<b>N/A</b>		
Gender    %					Gender    %		
Female			<b>40.9%</b>		Female		
Male			<b>58.3%</b>		Male		
Non-binary			<b>0.9%</b>		Non-binary		
Race    %       Mis/Unk <sup>4</sup>			<b>5.1%</b>		Race    %       Mis/Unk <sup>4</sup>		
AA/Black			<b>1.8%</b>		AA/Black		
Hispanic			<b>7.1%</b>		Hispanic		
White			<b>90.2%</b>		White		
Other			<b>0.9%</b>		Other		
<sup>2</sup> Total unique <i>stop</i> incidents by department, <u>excluding</u> multiple-citation encounters and crashes							
<sup>3</sup> <u>Only</u> those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	%Dif
AA/Black	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.8%</b>	<b>14.5%</b>	<b>-12.7%</b>
Hispanic	<b>7.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.1%</b>	<b>15.2%</b>	<b>-8.1%</b>
White	<b>90.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>90.2%</b>	<b>65.1%</b>	<b>25.1%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of <i>all</i> 2022 stops by <i>all</i> MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. <i>Chi-square</i> indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone							
<sup>7</sup> <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>12.5%</b>	<b>75.0%</b>	<b>0.0%</b>	<b>12.5%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>51.0%</b>	<b>47.1%</b>	<b>2.0%</b>	<b>0.0%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.019* <i>sig.</i>			
<sup>8</sup> Analyzes total <i>citations</i> issued by department, including multiple-citation encounters and crashes							

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NAHANT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>184</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.2%</b>	Citations per 1000	
	Passing through:	<b>89.8%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 177)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>33.74</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>29.8%</b>				Female <b>N/A</b>			
Male <b>70.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>22.6%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>18.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>18.2%</b>				Hispanic <b>N/A</b>			
White <b>56.2%</b>				White <b>N/A</b>			
Other <b>7.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.2%</b>	<b>14.5%</b>	<b>3.7%</b>
Hispanic	<b>18.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.2%</b>	<b>15.2%</b>	<b>3.0%</b>
White	<b>56.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>56.2%</b>	<b>65.1%</b>	<b>-8.9%</b>
Other	<b>7.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.3%</b>	<b>5.2%</b>	<b>2.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	55	<b>42.1%</b>	<b>46.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	70	<b>57.9%</b>	<b>53.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.595	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.694	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>29.6%</b>	<b>33.3%</b>	<b>37.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>7.4%</b>	<b>29.6%</b>	<b>59.3%</b>	<b>3.7%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>50.0%</b>	<b>18.8%</b>	<b>26.3%</b>	<b>5.0%</b>			
Other	<b>40.0%</b>	<b>20.0%</b>	<b>40.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.014*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NANTUCKET POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>472</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>76.5%</b>	Citations per 1000	
	Passing through:	<b>23.5%</b>	18 + residents:	<b>52.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 396)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.65</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>13.8%</b>				Female <b>N/A</b>			
Male <b>86.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>13.4%</b>				AA/Black <b>N/A</b>			
Hispanic <b>2.9%</b>				Hispanic <b>N/A</b>			
White <b>83.4%</b>				White <b>N/A</b>			
Other <b>0.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.4%</b>	<b>7.8%</b>	<b>5.6%</b>	AA/Black	<b>13.4%</b>	<b>14.5%</b>	<b>-1.1%</b>
Hispanic	<b>2.9%</b>	<b>4.2%</b>	<b>-1.3%</b>	Hispanic	<b>2.9%</b>	<b>15.2%</b>	<b>-12.3%</b>
White	<b>83.4%</b>	<b>85.2%</b>	<b>-1.8%</b>	White	<b>83.4%</b>	<b>65.1%</b>	<b>18.3%</b>
Other	<b>0.3%</b>	<b>4.1%</b>	<b>-3.8%</b>	Other	<b>0.3%</b>	<b>5.2%</b>	<b>-4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	<b>13.7%</b>	<b>27.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	251	<b>86.3%</b>	<b>72.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .410* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>15.0%</b>	<b>28.3%</b>	<b>56.7%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>8.3%</b>	<b>0.0%</b>	<b>83.3%</b>	<b>8.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>10.9%</b>	<b>35.3%</b>	<b>52.8%</b>	<b>1.1%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .091 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NATICK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,938</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.5%</b>	Citations per 1000	
	Passing through:	<b>76.5%</b>	18 + residents:	<b>70.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,484)				ITP Stops <sup>3</sup> (N = 424)			
Mean age				Mean age			
<b>40.18</b>				<b>39.93</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>39.2%</b>			
Male <b>63.9%</b>				Male <b>60.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>12.0%</b>				AA/Black <b>12.9%</b>			
Hispanic <b>11.7%</b>				Hispanic <b>8.8%</b>			
White <b>69.4%</b>				White <b>71.2%</b>			
Other <b>7.0%</b>				Other <b>7.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.0%</b>	<b>1.9%</b>	<b>10.1%</b>	AA/Black	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
Hispanic	<b>11.7%</b>	<b>4.1%</b>	<b>7.6%</b>	Hispanic	<b>11.7%</b>	<b>15.2%</b>	<b>-3.5%</b>
White	<b>69.4%</b>	<b>78.9%</b>	<b>-9.5%</b>	White	<b>69.4%</b>	<b>65.1%</b>	<b>4.3%</b>
Other	<b>7.0%</b>	<b>15.0%</b>	<b>-8.0%</b>	Other	<b>7.0%</b>	<b>5.2%</b>	<b>1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	414	<b>30.4%</b>	<b>31.9%</b>	NW	103	<b>28.4%</b>	<b>26.3%</b>
White	931	<b>69.6%</b>	<b>68.1%</b>	White	271	<b>71.6%</b>	<b>73.7%</b>
Chi-square, X-tab <sup>6</sup> :		.613	not sig.	Chi-square, X-tab <sup>6</sup> :		.661	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.927	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.013	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.9%</b>	<b>17.2%</b>	<b>22.0%</b>	<b>1.9%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>43.5%</b>	<b>15.9%</b>	<b>35.7%</b>	<b>4.8%</b>	White	<b>21</b>	<b>N/A</b>
White	<b>67.1%</b>	<b>17.9%</b>	<b>13.1%</b>	<b>1.9%</b>			
Other	<b>64.0%</b>	<b>27.2%</b>	<b>7.0%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEEDHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,397</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.2%</b>	Citations per 1000	
	Passing through:	<b>71.8%</b>	18 + residents:	<b>60.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,315)				ITP Stops <sup>3</sup> (N = 349)			
Mean age				Mean age			
<b>43.12</b>				<b>43.13</b>			
Gender %				Gender %			
Female <b>46.9%</b>				Female <b>45.5%</b>			
Male <b>53.1%</b>				Male <b>54.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>5.1%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>6.7%</b>			
White <b>77.1%</b>				White <b>75.7%</b>			
Other <b>10.3%</b>				Other <b>12.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.1%</b>	<b>2.9%</b>	<b>2.2%</b>	AA/Black	<b>5.1%</b>	<b>14.5%</b>	<b>-9.4%</b>
Hispanic	<b>7.5%</b>	<b>3.2%</b>	<b>4.3%</b>	Hispanic	<b>7.5%</b>	<b>15.2%</b>	<b>-7.7%</b>
White	<b>77.1%</b>	<b>82.6%</b>	<b>-5.5%</b>	White	<b>77.1%</b>	<b>65.1%</b>	<b>12.0%</b>
Other	<b>10.3%</b>	<b>11.4%</b>	<b>-1.1%</b>	Other	<b>10.3%</b>	<b>5.2%</b>	<b>5.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	286	<b>22.0%</b>	<b>31.8%</b>	NW	76	<b>22.8%</b>	<b>30.0%</b>
White	959	<b>78.0%</b>	<b>68.2%</b>	White	235	<b>77.2%</b>	<b>70.0%</b>
Chi-square, X-tab <sup>6</sup> : .012* sig.				Chi-square, X-tab <sup>6</sup> : .219 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .614* sig.				Odds ratio Exp(B) <sup>7</sup> : .596 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>4.2%</b>	<b>12.5%</b>	<b>5.6%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>64.3%</b>	<b>13.3%</b>	<b>20.4%</b>	<b>2.0%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>83.0%</b>	<b>10.6%</b>	<b>4.7%</b>	<b>1.6%</b>			
Other	<b>83.2%</b>	<b>10.9%</b>	<b>5.1%</b>	<b>0.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEW BEDFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,197</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>74.9%</b>	Citations per 1000	
	Passing through:	<b>25.1%</b>	18 + residents:	<b>43.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,525)				ITP Stops <sup>3</sup> (N = 823)			
Mean age				Mean age			
<b>36.32</b>				<b>36.5</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>37.5%</b>			
Male <b>62.3%</b>				Male <b>62.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.3%</b>			
AA/Black <b>21.6%</b>				AA/Black <b>20.1%</b>			
Hispanic <b>12.2%</b>				Hispanic <b>12.3%</b>			
White <b>65.9%</b>				White <b>67.5%</b>			
Other <b>0.3%</b>				Other <b>0.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>21.6%</b>	<b>7.0%</b>	<b>14.6%</b>	AA/Black	<b>21.6%</b>	<b>14.5%</b>	<b>7.1%</b>
Hispanic	<b>12.2%</b>	<b>20.8%</b>	<b>-8.6%</b>	Hispanic	<b>12.2%</b>	<b>15.2%</b>	<b>-3.0%</b>
White	<b>65.9%</b>	<b>60.5%</b>	<b>5.4%</b>	White	<b>65.9%</b>	<b>65.1%</b>	<b>0.8%</b>
Other	<b>0.3%</b>	<b>6.8%</b>	<b>-6.5%</b>	Other	<b>0.3%</b>	<b>5.2%</b>	<b>-4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	689	<b>31.1%</b>	<b>37.0%</b>	NW	225	<b>31.4%</b>	<b>32.4%</b>
White	1,371	<b>68.9%</b>	<b>63.0%</b>	White	482	<b>68.6%</b>	<b>67.6%</b>
Chi-square, X-tab <sup>6</sup> :		.006*	sig.	Chi-square, X-tab <sup>6</sup> :		.779	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.795*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.831	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.1%</b>	<b>8.7%</b>	<b>44.0%</b>	<b>10.2%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>33.8%</b>	<b>9.3%</b>	<b>47.1%</b>	<b>9.8%</b>	White	<b>17</b>	<b>N/A</b>
White	<b>51.6%</b>	<b>10.7%</b>	<b>32.3%</b>	<b>5.3%</b>			
Other	<b>9.1%</b>	<b>0.0%</b>	<b>90.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEW BRAINTREE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>115</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.3%</b>	Citations per 1000	
	Passing through:	<b>91.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 109)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.89</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>26.6%</b>				Female <b>N/A</b>			
Male <b>72.5%</b>				Male <b>N/A</b>			
Non-binary <b>0.9%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>4.6%</b>				AA/Black <b>N/A</b>			
Hispanic <b>9.2%</b>				Hispanic <b>N/A</b>			
White <b>84.4%</b>				White <b>N/A</b>			
Other <b>1.8%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.6%</b>	<b>14.5%</b>	<b>-9.9%</b>
Hispanic	<b>9.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>84.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>84.4%</b>	<b>65.1%</b>	<b>19.3%</b>
Other	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>54.5%</b>	<b>18.2%</b>	<b>27.3%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>75.0%</b>	<b>10.4%</b>	<b>7.3%</b>	<b>7.3%</b>			
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .439 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEW MARLBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>347</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.7%</b>	Citations per 1000	
	Passing through:	<b>88.3%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 333)				ITP Stops <sup>3</sup> (N = 178)			
Mean age				Mean age			
<b>42.25</b>				<b>42.76</b>			
Gender %				Gender %			
Female <b>25.5%</b>				Female <b>23.6%</b>			
Male <b>74.5%</b>				Male <b>76.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>4.5%</b>				AA/Black <b>5.6%</b>			
Hispanic <b>4.8%</b>				Hispanic <b>3.4%</b>			
White <b>89.1%</b>				White <b>88.8%</b>			
Other <b>1.5%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
Hispanic	<b>4.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.8%</b>	<b>15.2%</b>	<b>-10.4%</b>
White	<b>89.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.1%</b>	<b>65.1%</b>	<b>24.0%</b>
Other	<b>1.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	<b>9.7%</b>	<b>13.0%</b>	NW	18	<b>12.5%</b>	<b>8.5%</b>
White	277	<b>90.3%</b>	<b>87.0%</b>	White	145	<b>87.5%</b>	<b>91.5%</b>
Chi-square, X-tab <sup>6</sup> :		.361	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.431	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.564	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.205	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>43.8%</b>	<b>18.8%</b>	<b>25.0%</b>	<b>12.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>5.9%</b>	<b>41.2%</b>	<b>52.9%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>41.7%</b>	<b>42.3%</b>	<b>12.7%</b>	<b>3.3%</b>			
Other	<b>20.0%</b>	<b>80.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEW SALEM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>232</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>1.3%</b>	Citations per 1000	
	Passing through:	<b>98.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 224)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>33</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>26.0%</b>				Female <b>N/A</b>			
Male <b>74.0%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>9.2%</b>				Hispanic <b>N/A</b>			
White <b>76.7%</b>				White <b>N/A</b>			
Other <b>4.4%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
Hispanic	<b>9.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>76.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.7%</b>	<b>65.1%</b>	<b>11.6%</b>
Other	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.4%</b>	<b>5.2%</b>	<b>-0.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>24.1%</b>	<b>25.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	149	<b>75.9%</b>	<b>74.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.001*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.801	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>42.9%</b>	<b>14.3%</b>	<b>38.1%</b>	<b>4.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>10.0%</b>	<b>55.0%</b>	<b>15.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>40.9%</b>	<b>17.7%</b>	<b>39.6%</b>	<b>1.8%</b>			
Other	<b>22.2%</b>	<b>66.7%</b>	<b>11.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEWBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>257</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.7%</b>	Citations per 1000	
	Passing through:	<b>87.3%</b>	18 + residents:	<b>48</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 229)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.45</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>N/A</b>			
Male <b>65.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>0.9%</b>				AA/Black <b>N/A</b>			
Hispanic <b>6.1%</b>				Hispanic <b>N/A</b>			
White <b>92.1%</b>				White <b>N/A</b>			
Other <b>0.9%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.9%</b>	<b>1.0%</b>	<b>-0.1%</b>	AA/Black	<b>0.9%</b>	<b>14.5%</b>	<b>-13.6%</b>
Hispanic	<b>6.1%</b>	<b>3.0%</b>	<b>3.1%</b>	Hispanic	<b>6.1%</b>	<b>15.2%</b>	<b>-9.1%</b>
White	<b>92.1%</b>	<b>92.1%</b>	<b>0.0%</b>	White	<b>92.1%</b>	<b>65.1%</b>	<b>27.0%</b>
Other	<b>0.9%</b>	<b>2.8%</b>	<b>-1.9%</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>13.3%</b>	<b>26.7%</b>	<b>60.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>42.7%</b>	<b>26.9%</b>	<b>22.6%</b>	<b>7.7%</b>			
Other	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .068				not sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEWBURYPORT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>612</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.8%</b>	Citations per 1000	
	Passing through:	<b>64.2%</b>	18 + residents:	<b>42.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 567)				ITP Stops <sup>3</sup> (N = 225)			
Mean age				Mean age			
<b>41.56</b>				<b>40.92</b>			
Gender %				Gender %			
Female <b>44.4%</b>				Female <b>41.8%</b>			
Male <b>55.6%</b>				Male <b>58.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>1.4%</b>				AA/Black <b>1.8%</b>			
Hispanic <b>5.4%</b>				Hispanic <b>5.9%</b>			
White <b>93.0%</b>				White <b>92.3%</b>			
Other <b>0.2%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.4%</b>	<b>1.7%</b>	<b>-0.3%</b>	AA/Black	<b>1.4%</b>	<b>14.5%</b>	<b>-13.1%</b>
Hispanic	<b>5.4%</b>	<b>2.8%</b>	<b>2.6%</b>	Hispanic	<b>5.4%</b>	<b>15.2%</b>	<b>-9.8%</b>
White	<b>93.0%</b>	<b>92.4%</b>	<b>0.6%</b>	White	<b>93.0%</b>	<b>65.1%</b>	<b>27.9%</b>
Other	<b>0.2%</b>	<b>3.9%</b>	<b>-3.7%</b>	Other	<b>0.2%</b>	<b>5.2%</b>	<b>-5.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	<b>6.3%</b>	<b>9.6%</b>	NW	15	<b>6.5%</b>	<b>9.0%</b>
White	478	<b>93.7%</b>	<b>90.4%</b>	White	191	<b>93.5%</b>	<b>91.0%</b>
Chi-square, X-tab <sup>6</sup> : .200 not sig.				Chi-square, X-tab <sup>6</sup> : .521 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .621 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.023 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.0%</b>	<b>0.0%</b>	<b>30.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>42.4%</b>	<b>33.3%</b>	<b>24.2%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>62.7%</b>	<b>25.7%</b>	<b>8.8%</b>	<b>2.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .026* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NEWTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,502</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>39.4%</b>	Citations per 1000	
	Passing through:	<b>60.6%</b>	18 + residents:	<b>36.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,382)				ITP Stops <sup>3</sup> (N = 1,118)			
Mean age				Mean age			
<b>44.1</b>				<b>43.62</b>			
Gender %				Gender %			
Female <b>42.8%</b>				Female <b>42.8%</b>			
Male <b>57.2%</b>				Male <b>57.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.9%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>10.7%</b>				AA/Black <b>8.3%</b>			
Hispanic <b>4.9%</b>				Hispanic <b>5.3%</b>			
White <b>74.2%</b>				White <b>76.0%</b>			
Other <b>10.2%</b>				Other <b>10.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.7%</b>	<b>3.0%</b>	<b>7.7%</b>	AA/Black	<b>10.7%</b>	<b>14.5%</b>	<b>-3.8%</b>
Hispanic	<b>4.9%</b>	<b>4.9%</b>	<b>0.0%</b>	Hispanic	<b>4.9%</b>	<b>15.2%</b>	<b>-10.3%</b>
White	<b>74.2%</b>	<b>73.7%</b>	<b>0.5%</b>	White	<b>74.2%</b>	<b>65.1%</b>	<b>9.1%</b>
Other	<b>10.2%</b>	<b>18.4%</b>	<b>-8.2%</b>	Other	<b>10.2%</b>	<b>5.2%</b>	<b>5.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	532	<b>24.6%</b>	<b>30.2%</b>	NW	232	<b>23.4%</b>	<b>26.0%</b>
White	1,520	<b>75.4%</b>	<b>69.8%</b>	White	734	<b>76.6%</b>	<b>74.0%</b>
Chi-square, X-tab <sup>6</sup> : .014* sig.				Chi-square, X-tab <sup>6</sup> : .428 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .729* sig.				Odds ratio Exp(B) <sup>7</sup> : .838 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.3%</b>	<b>7.1%</b>	<b>9.5%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>79.7%</b>	<b>6.5%</b>	<b>13.8%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>89.4%</b>	<b>5.5%</b>	<b>5.1%</b>	<b>0.1%</b>			
Other	<b>92.8%</b>	<b>4.7%</b>	<b>2.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORFOLK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,135</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.1%</b>	Citations per 1000	
	Passing through:	<b>81.9%</b>	18 + residents:	<b>120.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,084)				ITP Stops <sup>3</sup> (N = 448)			
Mean age				Mean age			
<b>37.36</b>				<b>37.07</b>			
Gender %				Gender %			
Female <b>29.9%</b>				Female <b>29.7%</b>			
Male <b>69.9%</b>				Male <b>70.0%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.8%</b>			
AA/Black <b>7.9%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>9.2%</b>				Hispanic <b>10.9%</b>			
White <b>79.4%</b>				White <b>80.0%</b>			
Other <b>3.5%</b>				Other <b>3.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.9%</b>	<b>7.4%</b>	<b>0.5%</b>	AA/Black	<b>7.9%</b>	<b>14.5%</b>	<b>-6.6%</b>
Hispanic	<b>9.2%</b>	<b>7.6%</b>	<b>1.6%</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>79.4%</b>	<b>83.2%</b>	<b>-3.8%</b>	White	<b>79.4%</b>	<b>65.1%</b>	<b>14.3%</b>
Other	<b>3.5%</b>	<b>3.1%</b>	<b>0.4%</b>	Other	<b>3.5%</b>	<b>5.2%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	209	<b>19.7%</b>	<b>24.6%</b>	NW	80	<b>19.6%</b>	<b>25.0%</b>
White	787	<b>80.3%</b>	<b>75.4%</b>	White	298	<b>80.4%</b>	<b>75.0%</b>
Chi-square, X-tab <sup>6</sup> :		.090	not sig.	Chi-square, X-tab <sup>6</sup> :		.248	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.893	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.916	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>46.4%</b>	<b>10.7%</b>	<b>29.8%</b>	<b>13.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>30.5%</b>	<b>7.6%</b>	<b>37.1%</b>	<b>24.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>73.8%</b>	<b>11.2%</b>	<b>9.3%</b>	<b>5.7%</b>			
Other	<b>82.5%</b>	<b>5.0%</b>	<b>10.0%</b>	<b>2.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTH ADAMS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>432</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>57.8%</b>	Citations per 1000	
	Passing through:	<b>42.2%</b>	18 + residents:	<b>41.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 341)				ITP Stops <sup>3</sup> (N = 111)			
Mean age				Mean age			
<b>39.03</b>				<b>39.68</b>			
Gender %				Gender %			
Female <b>44.3%</b>				Female <b>45.5%</b>			
Male <b>55.7%</b>				Male <b>54.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>8.2%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>0.9%</b>				Hispanic <b>0.0%</b>			
White <b>90.6%</b>				White <b>92.7%</b>			
Other <b>0.3%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.2%</b>	<b>1.7%</b>	<b>6.5%</b>	AA/Black	<b>8.2%</b>	<b>14.5%</b>	<b>-6.3%</b>
Hispanic	<b>0.9%</b>	<b>6.6%</b>	<b>-5.7%</b>	Hispanic	<b>0.9%</b>	<b>15.2%</b>	<b>-14.3%</b>
White	<b>90.6%</b>	<b>86.0%</b>	<b>4.6%</b>	White	<b>90.6%</b>	<b>65.1%</b>	<b>25.5%</b>
Other	<b>0.3%</b>	<b>6.9%</b>	<b>-6.6%</b>	Other	<b>0.3%</b>	<b>5.2%</b>	<b>-4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	<b>6.3%</b>	<b>12.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	262	<b>93.7%</b>	<b>87.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .069 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .472 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>26.5%</b>	<b>5.9%</b>	<b>58.8%</b>	<b>8.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>54.6%</b>	<b>6.8%</b>	<b>32.8%</b>	<b>5.8%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .164 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTH ANDOVER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>707</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.5%</b>	Citations per 1000	
	Passing through:	<b>72.5%</b>	18 + residents:	<b>29.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 673)				ITP Stops <sup>3</sup> (N = 176)			
Mean age				Mean age			
<b>36.52</b>				<b>38.46</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>35.3%</b>			
Male <b>65.4%</b>				Male <b>64.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>8.1%</b>				AA/Black <b>4.7%</b>			
Hispanic <b>26.2%</b>				Hispanic <b>25.7%</b>			
White <b>62.0%</b>				White <b>67.8%</b>			
Other <b>3.7%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.1%</b>	<b>3.6%</b>	<b>4.5%</b>	AA/Black	<b>8.1%</b>	<b>14.5%</b>	<b>-6.4%</b>
Hispanic	<b>26.2%</b>	<b>7.6%</b>	<b>18.6%</b>	Hispanic	<b>26.2%</b>	<b>15.2%</b>	<b>11.0%</b>
White	<b>62.0%</b>	<b>81.1%</b>	<b>-19.1%</b>	White	<b>62.0%</b>	<b>65.1%</b>	<b>-3.1%</b>
Other	<b>3.7%</b>	<b>8.5%</b>	<b>-4.8%</b>	Other	<b>3.7%</b>	<b>5.2%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	232	<b>34.3%</b>	<b>50.0%</b>	NW	49	<b>31.7%</b>	<b>33.3%</b>
White	379	<b>65.7%</b>	<b>50.0%</b>	White	104	<b>68.3%</b>	<b>66.7%</b>
Chi-square, X-tab <sup>6</sup> : .001* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .873 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .580* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 2.196 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.3%</b>	<b>22.6%</b>	<b>11.3%</b>	<b>3.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.6%</b>	<b>22.8%</b>	<b>14.4%</b>	<b>2.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>65.2%</b>	<b>20.9%</b>	<b>11.6%</b>	<b>2.3%</b>			
Other	<b>66.7%</b>	<b>20.8%</b>	<b>12.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .976 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTH ATTLEBORO POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,140</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.5%</b>	Citations per 1000	
	Passing through:	<b>62.5%</b>	18 + residents:	<b>51</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 898)				ITP Stops <sup>3</sup> (N = 379)			
Mean age				Mean age			
<b>37.28</b>				<b>37.61</b>			
Gender %				Gender %			
Female <b>40.3%</b>				Female <b>42.7%</b>			
Male <b>59.6%</b>				Male <b>57.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.1%</b>				Race % Mis/Unk <sup>4</sup> <b>6.9%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>9.9%</b>			
Hispanic <b>8.1%</b>				Hispanic <b>6.5%</b>			
White <b>78.2%</b>				White <b>82.4%</b>			
Other <b>2.4%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>11.3%</b>	<b>2.0%</b>	<b>9.3%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>8.1%</b>	<b>5.6%</b>	<b>2.5%</b>	Hispanic	<b>8.1%</b>	<b>15.2%</b>	<b>-7.1%</b>
White	<b>78.2%</b>	<b>84.2%</b>	<b>-6.0%</b>	White	<b>78.2%</b>	<b>65.1%</b>	<b>13.1%</b>
Other	<b>2.4%</b>	<b>9.1%</b>	<b>-6.7%</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	169	<b>20.3%</b>	<b>26.2%</b>	NW	61	<b>18.9%</b>	<b>21.5%</b>
White	573	<b>79.7%</b>	<b>73.8%</b>	White	243	<b>81.1%</b>	<b>78.5%</b>
Chi-square, X-tab <sup>6</sup> :		.058	not sig.	Chi-square, X-tab <sup>6</sup> :		.582	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.697	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.643	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.7%</b>	<b>27.9%</b>	<b>30.3%</b>	<b>4.1%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>36.4%</b>	<b>27.3%</b>	<b>32.5%</b>	<b>3.9%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>52.1%</b>	<b>25.2%</b>	<b>18.1%</b>	<b>4.6%</b>			
Other	<b>63.0%</b>	<b>18.5%</b>	<b>18.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.005 *	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTH READING POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>313</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.7%</b>	Citations per 1000	
	Passing through:	<b>76.4%</b>	18 + residents:	<b>25.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 271)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.91</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>29.6%</b>				Female <b>N/A</b>			
Male <b>70.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>4.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>12.8%</b>				Hispanic <b>N/A</b>			
White <b>79.8%</b>				White <b>N/A</b>			
Other <b>3.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>1.3%</b>	<b>3.0%</b>	AA/Black	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
Hispanic	<b>12.8%</b>	<b>2.0%</b>	<b>10.8%</b>	Hispanic	<b>12.8%</b>	<b>15.2%</b>	<b>-2.4%</b>
White	<b>79.8%</b>	<b>89.3%</b>	<b>-9.5%</b>	White	<b>79.8%</b>	<b>65.1%</b>	<b>14.7%</b>
Other	<b>3.1%</b>	<b>7.0%</b>	<b>-3.9%</b>	Other	<b>3.1%</b>	<b>5.2%</b>	<b>-2.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	50	<b>18.3%</b>	<b>27.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	192	<b>81.7%</b>	<b>72.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.128	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.594	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.5%</b>	<b>9.1%</b>	<b>45.5%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>27.8%</b>	<b>5.6%</b>	<b>61.1%</b>	<b>5.6%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>57.6%</b>	<b>13.9%</b>	<b>24.1%</b>	<b>4.5%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002 *	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTHAMPTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,241</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.9%</b>	Citations per 1000	
	Passing through:	<b>72.1%</b>	18 + residents:	<b>93.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,043)				ITP Stops <sup>3</sup> (N = 759)			
Mean age				Mean age			
<b>39.41</b>				<b>39.01</b>			
Gender %				Gender %			
Female <b>43.1%</b>				Female <b>42.2%</b>			
Male <b>56.8%</b>				Male <b>57.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>5.5%</b>			
Hispanic <b>3.2%</b>				Hispanic <b>2.9%</b>			
White <b>87.9%</b>				White <b>89.7%</b>			
Other <b>2.0%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>2.2%</b>	<b>4.7%</b>	AA/Black	<b>6.9%</b>	<b>14.5%</b>	<b>-7.6%</b>
Hispanic	<b>3.2%</b>	<b>8.7%</b>	<b>-5.5%</b>	Hispanic	<b>3.2%</b>	<b>15.2%</b>	<b>-12.0%</b>
White	<b>87.9%</b>	<b>82.2%</b>	<b>5.7%</b>	White	<b>87.9%</b>	<b>65.1%</b>	<b>22.8%</b>
Other	<b>2.0%</b>	<b>7.7%</b>	<b>-5.7%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	229	<b>9.3%</b>	<b>17.3%</b>	NW	72	<b>8.3%</b>	<b>13.8%</b>
White	1,644	<b>90.7%</b>	<b>82.7%</b>	White	613	<b>91.7%</b>	<b>86.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .021* sig.			
Odds ratio Exp(B) <sup>7</sup> : .540* sig.				Odds ratio Exp(B) <sup>7</sup> : .660 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.1%</b>	<b>10.2%</b>	<b>24.2%</b>	<b>4.5%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>57.6%</b>	<b>10.6%</b>	<b>24.2%</b>	<b>7.6%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>72.5%</b>	<b>13.6%</b>	<b>9.8%</b>	<b>4.1%</b>			
Other	<b>69.0%</b>	<b>14.3%</b>	<b>14.3%</b>	<b>2.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTHBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,513</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.7%</b>	Citations per 1000	
	Passing through:	<b>81.3%</b>	18 + residents:	<b>304.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,346)				ITP Stops <sup>3</sup> (N = 1,047)			
Mean age				Mean age			
<b>38.45</b>				<b>38.28</b>			
Gender %				Gender %			
Female <b>41.6%</b>				Female <b>42.6%</b>			
Male <b>58.3%</b>				Male <b>57.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>8.6%</b>				AA/Black <b>8.5%</b>			
Hispanic <b>12.0%</b>				Hispanic <b>11.9%</b>			
White <b>67.5%</b>				White <b>65.0%</b>			
Other <b>12.0%</b>				Other <b>14.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.6%</b>	<b>3.2%</b>	<b>5.4%</b>	AA/Black	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
Hispanic	<b>12.0%</b>	<b>2.7%</b>	<b>9.3%</b>	Hispanic	<b>12.0%</b>	<b>15.2%</b>	<b>-3.2%</b>
White	<b>67.5%</b>	<b>82.7%</b>	<b>-15.2%</b>	White	<b>67.5%</b>	<b>65.1%</b>	<b>2.4%</b>
Other	<b>12.0%</b>	<b>11.6%</b>	<b>0.4%</b>	Other	<b>12.0%</b>	<b>5.2%</b>	<b>6.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,025	<b>27.0%</b>	<b>48.4%</b>	NW	319	<b>31.9%</b>	<b>40.6%</b>
White	2,139	<b>73.0%</b>	<b>51.6%</b>	White	599	<b>68.1%</b>	<b>59.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .010* sig.			
Odds ratio Exp(B) <sup>7</sup> : .407* sig.				Odds ratio Exp(B) <sup>7</sup> : .799 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.4%</b>	<b>15.5%</b>	<b>13.5%</b>	<b>0.7%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>69.1%</b>	<b>14.7%</b>	<b>14.3%</b>	<b>1.9%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>79.8%</b>	<b>15.0%</b>	<b>3.9%</b>	<b>1.3%</b>			
Other	<b>81.9%</b>	<b>15.4%</b>	<b>2.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTHBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,341</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.6%</b>	Citations per 1000	
	Passing through:	<b>83.4%</b>	18 + residents:	<b>104.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,287)				ITP Stops <sup>3</sup> (N = 592)			
Mean age				Mean age			
<b>37.13</b>				<b>36.99</b>			
Gender %				Gender %			
Female <b>36.6%</b>				Female <b>35.6%</b>			
Male <b>63.3%</b>				Male <b>64.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			
AA/Black <b>6.2%</b>				AA/Black <b>6.3%</b>			
Hispanic <b>7.3%</b>				Hispanic <b>7.7%</b>			
White <b>84.6%</b>				White <b>84.4%</b>			
Other <b>1.9%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.2%</b>	<b>2.0%</b>	<b>4.2%</b>	AA/Black	<b>6.2%</b>	<b>14.5%</b>	<b>-8.3%</b>
Hispanic	<b>7.3%</b>	<b>6.2%</b>	<b>1.1%</b>	Hispanic	<b>7.3%</b>	<b>15.2%</b>	<b>-7.9%</b>
White	<b>84.6%</b>	<b>87.4%</b>	<b>-2.8%</b>	White	<b>84.6%</b>	<b>65.1%</b>	<b>19.5%</b>
Other	<b>1.9%</b>	<b>5.3%</b>	<b>-3.4%</b>	Other	<b>1.9%</b>	<b>5.2%</b>	<b>-3.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	169	<b>10.8%</b>	<b>18.4%</b>	NW	67	<b>16.6%</b>	<b>12.3%</b>
White	970	<b>89.2%</b>	<b>81.6%</b>	White	402	<b>83.4%</b>	<b>87.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .186 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .527* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.644 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.0%</b>	<b>5.2%</b>	<b>13.0%</b>	<b>7.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>72.0%</b>	<b>5.4%</b>	<b>18.3%</b>	<b>4.3%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>86.3%</b>	<b>3.4%</b>	<b>5.7%</b>	<b>4.6%</b>			
Other	<b>96.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>4.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTHFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>364</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.6%</b>	Citations per 1000	
	Passing through:	<b>89.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 348)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>38.31</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>30.8%</b>				Female <b>N/A</b>			
Male <b>69.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>2.9%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.6%</b>				Hispanic <b>N/A</b>			
White <b>89.3%</b>				White <b>N/A</b>			
Other <b>3.2%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.9%</b>	<b>14.5%</b>	<b>-11.6%</b>
Hispanic	<b>4.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.6%</b>	<b>15.2%</b>	<b>-10.6%</b>
White	<b>89.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.3%</b>	<b>65.1%</b>	<b>24.2%</b>
Other	<b>3.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.2%</b>	<b>5.2%</b>	<b>-2.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>9.8%</b>	<b>14.1%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	295	<b>90.2%</b>	<b>85.9%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.317	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.636	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>76.5%</b>	<b>11.8%</b>	<b>11.8%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>72.5%</b>	<b>16.0%</b>	<b>9.0%</b>	<b>2.5%</b>			
Other	<b>75.0%</b>	<b>16.7%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.968	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>230</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.1%</b>	Citations per 1000	
	Passing through:	<b>72.9%</b>	18 + residents:	<b>14</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 188)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.67</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>N/A</b>			
Male <b>64.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.8%</b>				AA/Black <b>N/A</b>			
Hispanic <b>6.0%</b>				Hispanic <b>N/A</b>			
White <b>82.0%</b>				White <b>N/A</b>			
Other <b>2.2%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>4.1%</b>	<b>5.7%</b>	AA/Black	<b>9.8%</b>	<b>14.5%</b>	<b>-4.7%</b>
Hispanic	<b>6.0%</b>	<b>2.7%</b>	<b>3.3%</b>	Hispanic	<b>6.0%</b>	<b>15.2%</b>	<b>-9.2%</b>
White	<b>82.0%</b>	<b>90.3%</b>	<b>-8.3%</b>	White	<b>82.0%</b>	<b>65.1%</b>	<b>16.9%</b>
Other	<b>2.2%</b>	<b>3.0%</b>	<b>-0.8%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	28	<b>18.0%</b>	<b>17.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	130	<b>82.0%</b>	<b>82.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.904	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.954	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.8%</b>	<b>13.0%</b>	<b>30.4%</b>	<b>8.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>5.6%</b>	<b>38.9%</b>	<b>22.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>60.3%</b>	<b>12.8%</b>	<b>16.8%</b>	<b>10.1%</b>			
Other	<b>60.0%</b>	<b>20.0%</b>	<b>0.0%</b>	<b>20.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.182	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORWELL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>281</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>34.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 252)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.85</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>48.2%</b>				Female <b>N/A</b>			
Male <b>51.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>7.1%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>5.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.8%</b>				Hispanic <b>N/A</b>			
White <b>89.7%</b>				White <b>N/A</b>			
Other <b>1.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.1%</b>	<b>0.3%</b>	<b>4.8%</b>	AA/Black	<b>5.1%</b>	<b>14.5%</b>	<b>-9.4%</b>
Hispanic	<b>3.8%</b>	<b>2.3%</b>	<b>1.5%</b>	Hispanic	<b>3.8%</b>	<b>15.2%</b>	<b>-11.4%</b>
White	<b>89.7%</b>	<b>94.5%</b>	<b>-4.8%</b>	White	<b>89.7%</b>	<b>65.1%</b>	<b>24.6%</b>
Other	<b>1.3%</b>	<b>2.7%</b>	<b>-1.4%</b>	Other	<b>1.3%</b>	<b>5.2%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	<b>9.6%</b>	<b>11.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	207	<b>90.4%</b>	<b>88.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .715 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.172 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>30.8%</b>	<b>23.1%</b>	<b>38.5%</b>	<b>7.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>15.4%</b>	<b>0.0%</b>	<b>76.9%</b>	<b>7.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>71.9%</b>	<b>13.0%</b>	<b>13.9%</b>	<b>1.3%</b>			
Other	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### NORWOOD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>4,530</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.1%</b>	Citations per 1000	
	Passing through:	<b>67.9%</b>	18 + residents:	<b>190</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,393)				ITP Stops <sup>3</sup> (N = 1,750)			
Mean age				Mean age			
<b>41.83</b>				<b>41.44</b>			
Gender %				Gender %			
Female <b>39.0%</b>				Female <b>38.9%</b>			
Male <b>61.0%</b>				Male <b>61.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>17.2%</b>				AA/Black <b>15.7%</b>			
Hispanic <b>9.8%</b>				Hispanic <b>10.6%</b>			
White <b>64.9%</b>				White <b>65.1%</b>			
Other <b>8.1%</b>				Other <b>8.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.2%</b>	<b>7.2%</b>	<b>10.0%</b>	AA/Black	<b>17.2%</b>	<b>14.5%</b>	<b>2.7%</b>
Hispanic	<b>9.8%</b>	<b>6.8%</b>	<b>3.0%</b>	Hispanic	<b>9.8%</b>	<b>15.2%</b>	<b>-5.4%</b>
White	<b>64.9%</b>	<b>80.4%</b>	<b>-15.5%</b>	White	<b>64.9%</b>	<b>65.1%</b>	<b>-0.2%</b>
Other	<b>8.1%</b>	<b>7.1%</b>	<b>1.0%</b>	Other	<b>8.1%</b>	<b>5.2%</b>	<b>2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,446	<b>29.7%</b>	<b>44.7%</b>	NW	524	<b>33.1%</b>	<b>36.8%</b>
White	2,702	<b>70.3%</b>	<b>55.3%</b>	White	1,001	<b>66.9%</b>	<b>63.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .146 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .518* sig.				Odds ratio Exp(B) <sup>7</sup> : .802 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.8%</b>	<b>8.8%</b>	<b>7.1%</b>	<b>2.3%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>74.3%</b>	<b>9.2%</b>	<b>13.6%</b>	<b>2.9%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>94.5%</b>	<b>11.0%</b>	<b>3.1%</b>	<b>1.4%</b>			
Other	<b>86.0%</b>	<b>11.0%</b>	<b>2.2%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### OAK BLUFFS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>290</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.9%</b>	Citations per 1000	
	Passing through:	<b>76.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 223)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>39.01</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>24.4%</b>				Female <b>N/A</b>			
Male <b>75.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>13.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.9%</b>				Hispanic <b>N/A</b>			
White <b>85.5%</b>				White <b>N/A</b>			
Other <b>0.5%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.1%</b>	<b>14.5%</b>	<b>-1.4%</b>
Hispanic	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.9%</b>	<b>15.2%</b>	<b>-14.3%</b>
White	<b>85.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.5%</b>	<b>65.1%</b>	<b>20.4%</b>
Other	<b>0.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	28	<b>10.8%</b>	<b>19.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	175	<b>89.2%</b>	<b>80.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.095	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.510	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>17.9%</b>	<b>23.1%</b>	<b>43.6%</b>	<b>15.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>22.1%</b>	<b>17.9%</b>	<b>41.7%</b>	<b>18.3%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.277	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### OAKHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>296</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.1%</b>	Citations per 1000	
	Passing through:	<b>91.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 295)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.32</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>44.1%</b>				Female <b>N/A</b>			
Male <b>55.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.3%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>5.6%</b>				Hispanic <b>N/A</b>			
White <b>85.6%</b>				White <b>N/A</b>			
Other <b>2.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
Hispanic	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.6%</b>	<b>15.2%</b>	<b>-9.6%</b>
White	<b>85.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.6%</b>	<b>65.1%</b>	<b>20.5%</b>
Other	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.1%</b>	<b>5.2%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.7%</b>	<b>10.5%</b>	<b>15.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>37.5%</b>	<b>18.8%</b>	<b>43.8%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>68.7%</b>	<b>16.0%</b>	<b>13.6%</b>	<b>1.6%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .038* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ORANGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>303</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.2%</b>	Citations per 1000	
	Passing through:	<b>61.8%</b>	18 + residents:	<b>49.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 262)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.4</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>39.4%</b>				Female <b>N/A</b>			
Male <b>60.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>1.2%</b>				Hispanic <b>N/A</b>			
White <b>94.9%</b>				White <b>N/A</b>			
Other <b>0.8%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.1%</b>	<b>0.6%</b>	<b>2.5%</b>	AA/Black	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
Hispanic	<b>1.2%</b>	<b>2.5%</b>	<b>-1.3%</b>	Hispanic	<b>1.2%</b>	<b>15.2%</b>	<b>-14.0%</b>
White	<b>94.9%</b>	<b>94.7%</b>	<b>0.2%</b>	White	<b>94.9%</b>	<b>65.1%</b>	<b>29.8%</b>
Other	<b>0.8%</b>	<b>3.0%</b>	<b>-2.2%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	12	<b>3.4%</b>	<b>7.1%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	234	<b>96.6%</b>	<b>92.9%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .180 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .362 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>11.1%</b>	<b>33.3%</b>	<b>44.4%</b>	<b>11.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>15</b>	<b>N/A</b>
White	<b>40.9%</b>	<b>27.4%</b>	<b>26.7%</b>	<b>5.0%</b>			
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .565 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ORLEANS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>123</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.7%</b>	Citations per 1000	
	Passing through:	<b>74.3%</b>	18 + residents:	<b>25</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 70)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>41.23</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>35.7%</b>				Female <b>N/A</b>			
Male <b>64.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>8.8%</b>				AA/Black <b>N/A</b>			
Hispanic <b>1.5%</b>				Hispanic <b>N/A</b>			
White <b>88.2%</b>				White <b>N/A</b>			
Other <b>1.5%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.8%</b>	<b>3.6%</b>	<b>5.2%</b>	AA/Black	<b>8.8%</b>	<b>14.5%</b>	<b>-5.7%</b>
Hispanic	<b>1.5%</b>	<b>1.9%</b>	<b>-0.4%</b>	Hispanic	<b>1.5%</b>	<b>15.2%</b>	<b>-13.7%</b>
White	<b>88.2%</b>	<b>93.4%</b>	<b>-5.2%</b>	White	<b>88.2%</b>	<b>65.1%</b>	<b>23.1%</b>
Other	<b>1.5%</b>	<b>1.8%</b>	<b>-0.3%</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>48.6%</b>	<b>6.5%</b>	<b>26.2%</b>	<b>18.7%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.020* sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### OXFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>751</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.8%</b>	Citations per 1000	
	Passing through:	<b>77.2%</b>	18 + residents:	<b>68.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 661)				ITP Stops <sup>3</sup> (N = 255)			
Mean age				Mean age			
<b>37.23</b>				<b>36.41</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>34.9%</b>			
Male <b>60.2%</b>				Male <b>65.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>4.7%</b>			
AA/Black <b>5.0%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>6.9%</b>				Hispanic <b>5.8%</b>			
White <b>86.2%</b>				White <b>86.4%</b>			
Other <b>1.9%</b>				Other <b>2.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.0%</b>	<b>2.0%</b>	<b>3.0%</b>	AA/Black	<b>5.0%</b>	<b>14.5%</b>	<b>-9.5%</b>
Hispanic	<b>6.9%</b>	<b>5.6%</b>	<b>1.3%</b>	Hispanic	<b>6.9%</b>	<b>15.2%</b>	<b>-8.3%</b>
White	<b>86.2%</b>	<b>87.9%</b>	<b>-1.7%</b>	White	<b>86.2%</b>	<b>65.1%</b>	<b>21.1%</b>
Other	<b>1.9%</b>	<b>5.9%</b>	<b>-4.0%</b>	Other	<b>1.9%</b>	<b>5.2%</b>	<b>-3.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	80	<b>8.6%</b>	<b>22.2%</b>	NW	28	<b>7.0%</b>	<b>22.1%</b>
White	523	<b>91.4%</b>	<b>77.8%</b>	White	187	<b>93.0%</b>	<b>77.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .282* sig.				Odds ratio Exp(B) <sup>7</sup> : .070* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.1%</b>	<b>8.1%</b>	<b>29.7%</b>	<b>8.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.4%</b>	<b>5.7%</b>	<b>28.3%</b>	<b>5.7%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>74.3%</b>	<b>10.0%</b>	<b>10.5%</b>	<b>5.3%</b>			
Other	<b>85.7%</b>	<b>0.0%</b>	<b>7.1%</b>	<b>7.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PALMER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>773</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.8%</b>	Citations per 1000	
	Passing through:	<b>83.2%</b>	18 + residents:	<b>77.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 612)				ITP Stops <sup>3</sup> (N = 300)			
Mean age				Mean age			
<b>38.67</b>				<b>39.38</b>			
Gender %				Gender %			
Female <b>36.5%</b>				Female <b>38.6%</b>			
Male <b>63.4%</b>				Male <b>61.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>10.1%</b>				AA/Black <b>6.1%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>7.5%</b>			
White <b>81.5%</b>				White <b>84.4%</b>			
Other <b>1.8%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.1%</b>	<b>2.2%</b>	<b>7.9%</b>	AA/Black	<b>10.1%</b>	<b>14.5%</b>	<b>-4.4%</b>
Hispanic	<b>6.6%</b>	<b>4.5%</b>	<b>2.1%</b>	Hispanic	<b>6.6%</b>	<b>15.2%</b>	<b>-8.6%</b>
White	<b>81.5%</b>	<b>87.4%</b>	<b>-5.9%</b>	White	<b>81.5%</b>	<b>65.1%</b>	<b>16.4%</b>
Other	<b>1.8%</b>	<b>7.1%</b>	<b>-5.3%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	98	<b>15.3%</b>	<b>21.5%</b>	NW	38	<b>13.7%</b>	<b>14.9%</b>
White	440	<b>84.7%</b>	<b>78.5%</b>	White	229	<b>86.3%</b>	<b>85.1%</b>
Chi-square, X-tab <sup>6</sup> :		.064	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.784	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.657	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.768	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>35.3%</b>	<b>10.3%</b>	<b>41.2%</b>	<b>13.2%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>23.5%</b>	<b>5.9%</b>	<b>54.9%</b>	<b>15.7%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>57.6%</b>	<b>6.1%</b>	<b>23.9%</b>	<b>12.3%</b>			
Other	<b>55.6%</b>	<b>0.0%</b>	<b>27.8%</b>	<b>16.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PAXTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,348</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.6%</b>	Citations per 1000	
	Passing through:	<b>91.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,340)				ITP Stops <sup>3</sup> (N = 432)			
Mean age				Mean age			
<b>36.6</b>				<b>37.32</b>			
Gender %				Gender %			
Female <b>42.4%</b>				Female <b>41.6%</b>			
Male <b>57.4%</b>				Male <b>58.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>2.2%</b>		Race %	Mis/Unk <sup>4</sup>	<b>2.5%</b>	
AA/Black	<b>9.7%</b>			AA/Black	<b>6.9%</b>		
Hispanic	<b>11.4%</b>			Hispanic	<b>9.5%</b>		
White	<b>76.9%</b>			White	<b>82.7%</b>		
Other	<b>2.0%</b>			Other	<b>1.0%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
Hispanic	<b>11.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.4%</b>	<b>15.2%</b>	<b>-3.8%</b>
White	<b>76.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.9%</b>	<b>65.1%</b>	<b>11.8%</b>
Other	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	297	<b>21.1%</b>	<b>30.7%</b>	NW	68	<b>18.8%</b>	<b>15.9%</b>
White	966	<b>78.9%</b>	<b>69.3%</b>	White	308	<b>81.3%</b>	<b>84.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .545 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .634* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.853 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.2%</b>	<b>9.8%</b>	<b>21.2%</b>	<b>3.8%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>51.7%</b>	<b>17.2%</b>	<b>27.2%</b>	<b>4.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>75.2%</b>	<b>15.7%</b>	<b>7.9%</b>	<b>1.1%</b>			
Other	<b>76.9%</b>	<b>19.2%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PEABODY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,846</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.6%</b>	Citations per 1000	
	Passing through:	<b>62.4%</b>	18 + residents:	<b>42</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,683)				ITP Stops <sup>3</sup> (N = 396)			
Mean age				Mean age			
<b>39.21</b>				<b>37.99</b>			
Gender %				Gender %			
Female <b>34.5%</b>				Female <b>27.8%</b>			
Male <b>65.5%</b>				Male <b>72.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.6%</b>				Race % Mis/Unk <sup>4</sup> <b>2.3%</b>			
AA/Black <b>6.7%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>17.8%</b>				Hispanic <b>17.3%</b>			
White <b>73.4%</b>				White <b>75.2%</b>			
Other <b>2.2%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.7%</b>	<b>3.8%</b>	<b>2.9%</b>	AA/Black	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
Hispanic	<b>17.8%</b>	<b>9.9%</b>	<b>7.9%</b>	Hispanic	<b>17.8%</b>	<b>15.2%</b>	<b>2.6%</b>
White	<b>73.4%</b>	<b>82.7%</b>	<b>-9.3%</b>	White	<b>73.4%</b>	<b>65.1%</b>	<b>8.3%</b>
Other	<b>2.2%</b>	<b>4.2%</b>	<b>-2.0%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	418	<b>26.1%</b>	<b>28.0%</b>	NW	84	<b>25.7%</b>	<b>22.6%</b>
White	1,151	<b>73.9%</b>	<b>72.0%</b>	White	264	<b>74.3%</b>	<b>77.4%</b>
Chi-square, X-tab <sup>6</sup> : .464 sig.				Chi-square, X-tab <sup>6</sup> : .495 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .970 sig.				Odds ratio Exp(B) <sup>7</sup> : 1.022 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.2%</b>	<b>11.6%</b>	<b>32.2%</b>	<b>5.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>29.9%</b>	<b>15.9%</b>	<b>46.1%</b>	<b>8.1%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>53.1%</b>	<b>15.4%</b>	<b>24.6%</b>	<b>6.9%</b>			
Other	<b>55.6%</b>	<b>19.4%</b>	<b>16.7%</b>	<b>8.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PELHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>205</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.4%</b>	Citations per 1000	
	Passing through:	<b>89.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 202)				ITP Stops <sup>3</sup> (N = 105)			
Mean age				Mean age			
<b>36.56</b>				<b>35.93</b>			
Gender %				Gender %			
Female <b>35.1%</b>				Female <b>34.3%</b>			
Male <b>63.4%</b>				Male <b>63.8%</b>			
Non-binary <b>1.5%</b>				Non-binary <b>1.9%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.4%</b>				Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			
AA/Black <b>4.8%</b>				AA/Black <b>5.1%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>11.1%</b>			
White <b>82.4%</b>				White <b>77.8%</b>			
Other <b>5.3%</b>				Other <b>6.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.8%</b>	<b>14.5%</b>	<b>-9.7%</b>
Hispanic	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.5%</b>	<b>15.2%</b>	<b>-7.7%</b>
White	<b>82.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.4%</b>	<b>65.1%</b>	<b>17.3%</b>
Other	<b>5.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	31	<b>16.9%</b>	<b>19.0%</b>	NW	21	<b>23.9%</b>	<b>17.9%</b>
White	147	<b>83.1%</b>	<b>81.0%</b>	White	74	<b>76.1%</b>	<b>82.1%</b>
Chi-square, X-tab <sup>6</sup> :		.750	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.519	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.891	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.526	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.6%</b>	<b>11.1%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>40.0%</b>	<b>0.0%</b>	<b>60.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>69.7%</b>	<b>10.3%</b>	<b>20.0%</b>	<b>0.0%</b>			
Other	<b>70.0%</b>	<b>20.0%</b>	<b>0.0%</b>	<b>10.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PEMBROKE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>353</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.2%</b>	Citations per 1000	
	Passing through:	<b>58.8%</b>	18 + residents:	<b>24.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 328)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.56</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>33.7%</b>				Female <b>N/A</b>			
Male <b>66.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>5.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.0%</b>				Hispanic <b>N/A</b>			
White <b>94.3%</b>				White <b>N/A</b>			
Other <b>0.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.1%</b>	<b>0.6%</b>	<b>4.5%</b>	AA/Black	<b>5.1%</b>	<b>14.5%</b>	<b>-9.4%</b>
Hispanic	<b>0.0%</b>	<b>1.5%</b>	<b>-1.5%</b>	Hispanic	<b>0.0%</b>	<b>15.2%</b>	<b>-15.2%</b>
White	<b>94.3%</b>	<b>93.5%</b>	<b>0.8%</b>	White	<b>94.3%</b>	<b>65.1%</b>	<b>29.2%</b>
Other	<b>0.6%</b>	<b>3.7%</b>	<b>-3.1%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>25.0%</b>	<b>18.8%</b>	<b>50.0%</b>	<b>6.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>47.7%</b>	<b>28.3%</b>	<b>21.8%</b>	<b>2.2%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.034* sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PEPPERELL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>159</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>39.8%</b>	Citations per 1000	
	Passing through:	<b>60.2%</b>	18 + residents:	<b>16.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 128)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>33.68</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>26.6%</b>				Female <b>N/A</b>			
Male <b>73.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.1%</b>				Hispanic <b>N/A</b>			
White <b>91.9%</b>				White <b>N/A</b>			
Other <b>0.8%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.3%</b>	<b>0.8%</b>	<b>2.5%</b>	AA/Black	<b>3.3%</b>	<b>14.5%</b>	<b>-11.2%</b>
Hispanic	<b>4.1%</b>	<b>2.0%</b>	<b>2.1%</b>	Hispanic	<b>4.1%</b>	<b>15.2%</b>	<b>-11.1%</b>
White	<b>91.9%</b>	<b>93.0%</b>	<b>-1.1%</b>	White	<b>91.9%</b>	<b>65.1%</b>	<b>26.8%</b>
Other	<b>0.8%</b>	<b>4.1%</b>	<b>-3.3%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>14.3%</b>	<b>0.0%</b>	<b>71.4%</b>	<b>14.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>16.7%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>41.0%</b>	<b>12.2%</b>	<b>33.1%</b>	<b>13.7%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.268	<i>not sig.</i>					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PETERSHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>239</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>3.0%</b>	Citations per 1000	
	Passing through:	<b>97.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 235)				ITP Stops <sup>3</sup> (N = 119)			
Mean age				Mean age			
<b>41.35</b>				<b>40.54</b>			
Gender %				Gender %			
Female <b>37.9%</b>				Female <b>31.1%</b>			
Male <b>62.1%</b>				Male <b>68.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>3.4%</b>			
AA/Black <b>7.0%</b>				AA/Black <b>9.6%</b>			
Hispanic <b>0.4%</b>				Hispanic <b>0.9%</b>			
White <b>92.2%</b>				White <b>89.6%</b>			
Other <b>0.4%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
Hispanic	<b>0.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.4%</b>	<b>15.2%</b>	<b>-14.8%</b>
White	<b>92.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>92.2%</b>	<b>65.1%</b>	<b>27.1%</b>
Other	<b>0.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.4%</b>	<b>5.2%</b>	<b>-4.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>31.3%</b>	<b>18.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>62.1%</b>	<b>32.7%</b>	<b>3.7%</b>	<b>1.4%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PITTSFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,352</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>60.8%</b>	Citations per 1000	
	Passing through:	<b>39.2%</b>	18 + residents:	<b>68.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,157)				ITP Stops <sup>3</sup> (N = 574)			
Mean age				Mean age			
<b>41.53</b>				<b>39.21</b>			
Gender %				Gender %			
Female <b>40.1%</b>				Female <b>38.0%</b>			
Male <b>59.8%</b>				Male <b>62.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>12.3%</b>				AA/Black <b>12.4%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>4.8%</b>			
White <b>83.0%</b>				White <b>81.3%</b>			
Other <b>1.1%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.3%</b>	<b>4.5%</b>	<b>7.8%</b>	AA/Black	<b>12.3%</b>	<b>14.5%</b>	<b>-2.2%</b>
Hispanic	<b>3.6%</b>	<b>6.8%</b>	<b>-3.2%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>83.0%</b>	<b>83.3%</b>	<b>-0.3%</b>	White	<b>83.0%</b>	<b>65.1%</b>	<b>17.9%</b>
Other	<b>1.1%</b>	<b>6.5%</b>	<b>-5.4%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	312	<b>13.7%</b>	<b>22.8%</b>	NW	92	<b>15.4%</b>	<b>21.4%</b>
White	1,648	<b>86.3%</b>	<b>77.2%</b>	White	420	<b>84.6%</b>	<b>78.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .082 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .560* sig.				Odds ratio Exp(B) <sup>7</sup> : .550* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.3%</b>	<b>13.9%</b>	<b>16.7%</b>	<b>4.2%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>87.8%</b>	<b>6.1%</b>	<b>3.7%</b>	<b>2.4%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>80.2%</b>	<b>11.6%</b>	<b>6.6%</b>	<b>1.6%</b>			
Other	<b>91.7%</b>	<b>8.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PLAINFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>127</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.0%</b>	Citations per 1000	
	Passing through:	<b>100.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 122)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.17</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>24.8%</b>				Female <b>N/A</b>			
Male <b>74.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.8%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>5.0%</b>				Hispanic <b>N/A</b>			
White <b>84.9%</b>				White <b>N/A</b>			
Other <b>3.4%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
Hispanic	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>84.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>84.9%</b>	<b>65.1%</b>	<b>19.8%</b>
Other	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.4%</b>	<b>5.2%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	<b>14.5%</b>	<b>17.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	92	<b>85.5%</b>	<b>82.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.677	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.370	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>12.5%</b>	<b>75.0%</b>	<b>12.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>37.5%</b>	<b>12.5%</b>	<b>25.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>27.9%</b>	<b>66.3%</b>	<b>5.8%</b>	<b>0.0%</b>			
Other	<b>25.0%</b>	<b>50.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PLAINVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>811</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.0%</b>	Citations per 1000	
	Passing through:	<b>100.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 785)				ITP Stops <sup>3</sup> (N = 428)			
Mean age				Mean age			
<b>39.22</b>				<b>39.31</b>			
Gender %				Gender %			
Female <b>39.4%</b>				Female <b>39.3%</b>			
Male <b>60.5%</b>				Male <b>60.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>9.9%</b>				AA/Black <b>7.4%</b>			
Hispanic <b>6.9%</b>				Hispanic <b>7.9%</b>			
White <b>79.1%</b>				White <b>80.5%</b>			
Other <b>4.2%</b>				Other <b>4.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.9%</b>	<b>4.8%</b>	<b>5.1%</b>	AA/Black	<b>9.9%</b>	<b>14.5%</b>	<b>-4.6%</b>
Hispanic	<b>6.9%</b>	<b>4.5%</b>	<b>2.4%</b>	Hispanic	<b>6.9%</b>	<b>15.2%</b>	<b>-8.3%</b>
White	<b>79.1%</b>	<b>87.9%</b>	<b>-8.8%</b>	White	<b>79.1%</b>	<b>65.1%</b>	<b>14.0%</b>
Other	<b>4.2%</b>	<b>4.9%</b>	<b>-0.7%</b>	Other	<b>4.2%</b>	<b>5.2%</b>	<b>-1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	148	<b>21.1%</b>	<b>21.0%</b>	NW	72	<b>20.1%</b>	<b>18.5%</b>
White	554	<b>78.9%</b>	<b>79.0%</b>	White	292	<b>79.9%</b>	<b>81.5%</b>
Chi-square, X-tab <sup>6</sup> :		.964	not sig.	Chi-square, X-tab <sup>6</sup> :		.746	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.968	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.262	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.8%</b>	<b>30.8%</b>	<b>6.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>43.6%</b>	<b>30.9%</b>	<b>25.5%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>69.8%</b>	<b>21.8%</b>	<b>7.9%</b>	<b>0.5%</b>			
Other	<b>68.8%</b>	<b>25.0%</b>	<b>6.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.001*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PLYMOUTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,437</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>59.0%</b>	Citations per 1000	
	Passing through:	<b>41.0%</b>	18 + residents:	<b>68.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,267)				ITP Stops <sup>3</sup> (N = 1,434)			
Mean age				Mean age			
<b>38.76</b>				<b>39.06</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>36.9%</b>			
Male <b>62.3%</b>				Male <b>63.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>6.1%</b>				AA/Black <b>5.5%</b>			
Hispanic <b>1.0%</b>				Hispanic <b>1.1%</b>			
White <b>92.4%</b>				White <b>92.9%</b>			
Other <b>0.5%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.1%</b>	<b>1.9%</b>	<b>4.2%</b>	AA/Black	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
Hispanic	<b>1.0%</b>	<b>2.4%</b>	<b>-1.4%</b>	Hispanic	<b>1.0%</b>	<b>15.2%</b>	<b>-14.2%</b>
White	<b>92.4%</b>	<b>91.6%</b>	<b>0.8%</b>	White	<b>92.4%</b>	<b>65.1%</b>	<b>27.3%</b>
Other	<b>0.5%</b>	<b>3.8%</b>	<b>-3.3%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	213	<b>6.6%</b>	<b>8.6%</b>	NW	95	<b>7.8%</b>	<b>7.5%</b>
White	2,566	<b>93.4%</b>	<b>91.4%</b>	White	1,151	<b>92.2%</b>	<b>92.5%</b>
Chi-square, X-tab <sup>6</sup> : .050* sig.				Chi-square, X-tab <sup>6</sup> : .808 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .726* sig.				Odds ratio Exp(B) <sup>7</sup> : .854 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.2%</b>	<b>10.9%</b>	<b>12.9%</b>	<b>1.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>74.3%</b>	<b>14.3%</b>	<b>11.4%</b>	<b>0.0%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>79.7%</b>	<b>11.4%</b>	<b>8.6%</b>	<b>0.2%</b>			
Other	<b>86.7%</b>	<b>6.7%</b>	<b>6.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .379 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PLYMPTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>135</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.0%</b>	Citations per 1000	
	Passing through:	<b>92.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 112)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>30.12</b>				<b>N/A</b>			
Gender	%			Gender	%		
	Female	<b>29.5%</b>			Female	<b>N/A</b>	
	Male	<b>70.5%</b>			Male	<b>N/A</b>	
	Non-binary	<b>0.0%</b>			Non-binary	<b>N/A</b>	
Race	%	Mis/Unk <sup>4</sup>	<b>0.9%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>N/A</b>
	AA/Black	<b>7.2%</b>			AA/Black	<b>N/A</b>	
	Hispanic	<b>0.9%</b>			Hispanic	<b>N/A</b>	
	White	<b>91.0%</b>			White	<b>N/A</b>	
	Other	<b>0.9%</b>			Other	<b>N/A</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.2%</b>	<b>14.5%</b>	<b>-7.3%</b>
Hispanic	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.9%</b>	<b>15.2%</b>	<b>-14.3%</b>
White	<b>91.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>91.0%</b>	<b>65.1%</b>	<b>25.9%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>10.0%</b>	<b>40.0%</b>	<b>40.0%</b>	<b>10.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>40.2%</b>	<b>28.7%</b>	<b>28.7%</b>	<b>2.5%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.459	<i>not sig.</i>					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PRINCETON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>492</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>14.6%</b>	Citations per 1000	
	Passing through:	<b>85.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 473)				ITP Stops <sup>3</sup> (N = 133)			
Mean age				Mean age			
<b>37.47</b>				<b>36.45</b>			
Gender %				Gender %			
Female <b>38.9%</b>				Female <b>30.8%</b>			
Male <b>61.1%</b>				Male <b>69.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>5.2%</b>				AA/Black <b>4.6%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>6.9%</b>			
White <b>86.9%</b>				White <b>85.5%</b>			
Other <b>2.8%</b>				Other <b>3.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
Hispanic	<b>5.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.2%</b>	<b>15.2%</b>	<b>-10.0%</b>
White	<b>86.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.9%</b>	<b>65.1%</b>	<b>21.8%</b>
Other	<b>2.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.8%</b>	<b>5.2%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	57	<b>10.8%</b>	<b>20.4%</b>	NW	16	<b>12.0%</b>	<b>18.9%</b>
White	387	<b>89.2%</b>	<b>79.6%</b>	White	96	<b>88.0%</b>	<b>81.1%</b>
Chi-square, X-tab <sup>6</sup> : .014* sig.				Chi-square, X-tab <sup>6</sup> : .325 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .460* sig.				Odds ratio Exp(B) <sup>7</sup> : .897 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.0%</b>	<b>20.0%</b>	<b>12.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>40.7%</b>	<b>25.9%</b>	<b>22.2%</b>	<b>11.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>78.0%</b>	<b>17.2%</b>	<b>3.3%</b>	<b>1.4%</b>			
Other	<b>78.6%</b>	<b>14.3%</b>	<b>7.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### PROVINCETOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>260</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.8%</b>	Citations per 1000	
	Passing through:	<b>73.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 239)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>45.52</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>25.3%</b>				Female <b>N/A</b>			
Male <b>74.7%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>16.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>2.6%</b>				Hispanic <b>N/A</b>			
White <b>76.5%</b>				White <b>N/A</b>			
Other <b>4.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.5%</b>	<b>14.5%</b>	<b>2.0%</b>
Hispanic	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.6%</b>	<b>15.2%</b>	<b>-12.6%</b>
White	<b>76.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.5%</b>	<b>65.1%</b>	<b>11.4%</b>
Other	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.3%</b>	<b>5.2%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	52	<b>25.7%</b>	<b>21.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	169	<b>74.3%</b>	<b>78.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .477 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.264 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.5%</b>	<b>10.0%</b>	<b>25.0%</b>	<b>12.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>28.6%</b>	<b>0.0%</b>	<b>57.1%</b>	<b>14.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>56.5%</b>	<b>9.3%</b>	<b>22.3%</b>	<b>11.9%</b>			
Other	<b>70.0%</b>	<b>10.0%</b>	<b>20.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .649 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### QUINCY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,301</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>42.3%</b>	Citations per 1000	
	Passing through:	<b>57.7%</b>	18 + residents:	<b>40.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,961)				ITP Stops <sup>3</sup> (N = 1,011)			
Mean age				Mean age			
<b>39.88</b>				<b>39</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>32.7%</b>			
Male <b>65.3%</b>				Male <b>67.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.9%</b>			
AA/Black <b>17.9%</b>				AA/Black <b>19.1%</b>			
Hispanic <b>5.5%</b>				Hispanic <b>5.1%</b>			
White <b>57.0%</b>				White <b>55.9%</b>			
Other <b>19.5%</b>				Other <b>19.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.9%</b>	<b>5.1%</b>	<b>12.8%</b>	AA/Black	<b>17.9%</b>	<b>14.5%</b>	<b>3.4%</b>
Hispanic	<b>5.5%</b>	<b>3.1%</b>	<b>2.4%</b>	Hispanic	<b>5.5%</b>	<b>15.2%</b>	<b>-9.7%</b>
White	<b>57.0%</b>	<b>59.0%</b>	<b>-2.0%</b>	White	<b>57.0%</b>	<b>65.1%</b>	<b>-8.1%</b>
Other	<b>19.5%</b>	<b>32.6%</b>	<b>-13.1%</b>	Other	<b>19.5%</b>	<b>5.2%</b>	<b>14.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,100	<b>42.3%</b>	<b>42.7%</b>	NW	410	<b>44.4%</b>	<b>45.1%</b>
White	1,493	<b>57.7%</b>	<b>57.3%</b>	White	509	<b>55.6%</b>	<b>54.9%</b>
Chi-square, X-tab <sup>6</sup> : .873 not sig.				Chi-square, X-tab <sup>6</sup> : .857 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.054 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.167 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.9%</b>	<b>4.4%</b>	<b>15.0%</b>	<b>4.7%</b>	NW	<b>21</b>	<b>N/A</b>
Hispanic	<b>69.1%</b>	<b>4.2%</b>	<b>15.7%</b>	<b>11.0%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>84.2%</b>	<b>3.8%</b>	<b>9.6%</b>	<b>2.4%</b>			
Other	<b>89.9%</b>	<b>6.3%</b>	<b>3.3%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### RANDOLPH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,395</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.2%</b>	Citations per 1000	
	Passing through:	<b>64.8%</b>	18 + residents:	<b>50.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,281)				ITP Stops <sup>3</sup> (N = 431)			
Mean age				Mean age			
<b>37.99</b>				<b>38.45</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>29.5%</b>			
Male <b>66.0%</b>				Male <b>70.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.3%</b>				Race % Mis/Unk <sup>4</sup> <b>9.5%</b>			
AA/Black <b>56.3%</b>				AA/Black <b>53.3%</b>			
Hispanic <b>12.7%</b>				Hispanic <b>12.8%</b>			
White <b>24.3%</b>				White <b>25.4%</b>			
Other <b>6.8%</b>				Other <b>8.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>56.3%</b>	<b>44.7%</b>	<b>11.6%</b>	AA/Black	<b>56.3%</b>	<b>14.5%</b>	<b>41.8%</b>
Hispanic	<b>12.7%</b>	<b>8.8%</b>	<b>3.9%</b>	Hispanic	<b>12.7%</b>	<b>15.2%</b>	<b>-2.5%</b>
White	<b>24.3%</b>	<b>29.4%</b>	<b>-5.1%</b>	White	<b>24.3%</b>	<b>65.1%</b>	<b>-40.8%</b>
Other	<b>6.8%</b>	<b>16.5%</b>	<b>-9.7%</b>	Other	<b>6.8%</b>	<b>5.2%</b>	<b>1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	831	<b>74.3%</b>	<b>81.5%</b>	NW	257	<b>70.9%</b>	<b>81.2%</b>
White	266	<b>25.7%</b>	<b>18.5%</b>	White	91	<b>29.1%</b>	<b>18.8%</b>
Chi-square, X-tab <sup>6</sup> : .024* sig.				Chi-square, X-tab <sup>6</sup> : .046* sig.			
Odds ratio Exp(B) <sup>7</sup> : .740 not sig.				Odds ratio Exp(B) <sup>7</sup> : .860 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.5%</b>	<b>21.4%</b>	<b>18.3%</b>	<b>0.8%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>21.4%</b>	<b>17.9%</b>	<b>3.6%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>62.9%</b>	<b>17.5%</b>	<b>16.0%</b>	<b>3.7%</b>			
Other	<b>72.9%</b>	<b>18.8%</b>	<b>8.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### RAYNHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>776</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.9%</b>	Citations per 1000	
	Passing through:	<b>81.1%</b>	18 + residents:	<b>68</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 720)				ITP Stops <sup>3</sup> (N = 312)			
Mean age				Mean age			
<b>34.69</b>				<b>34.99</b>			
Gender %				Gender %			
Female <b>37.5%</b>				Female <b>36.7%</b>			
Male <b>62.5%</b>				Male <b>63.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>20.2%</b>				AA/Black <b>16.9%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>4.2%</b>			
White <b>74.4%</b>				White <b>76.3%</b>			
Other <b>1.3%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.2%</b>	<b>1.7%</b>	<b>18.5%</b>	AA/Black	<b>20.2%</b>	<b>14.5%</b>	<b>5.7%</b>
Hispanic	<b>4.1%</b>	<b>2.0%</b>	<b>2.1%</b>	Hispanic	<b>4.1%</b>	<b>15.2%</b>	<b>-11.1%</b>
White	<b>74.4%</b>	<b>93.3%</b>	<b>-18.9%</b>	White	<b>74.4%</b>	<b>65.1%</b>	<b>9.3%</b>
Other	<b>1.3%</b>	<b>3.2%</b>	<b>-1.9%</b>	Other	<b>1.3%</b>	<b>5.2%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	172	<b>18.8%</b>	<b>34.7%</b>	NW	64	<b>18.2%</b>	<b>28.7%</b>
White	512	<b>81.2%</b>	<b>65.3%</b>	White	225	<b>81.8%</b>	<b>71.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .038* sig.			
Odds ratio Exp(B) <sup>7</sup> : .417* sig.				Odds ratio Exp(B) <sup>7</sup> : .336* sig.			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.0%</b>	<b>27.5%</b>	<b>16.1%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.7%</b>	<b>37.1%</b>	<b>28.6%</b>	<b>8.6%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>59.3%</b>	<b>22.9%</b>	<b>13.1%</b>	<b>4.7%</b>			
Other	<b>80.0%</b>	<b>10.0%</b>	<b>10.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .006* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### READING POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,265</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>33.9%</b>	Citations per 1000	
	Passing through:	<b>66.1%</b>	18 + residents:	<b>65.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,193)				ITP Stops <sup>3</sup> (N = 513)			
Mean age				Mean age			
<b>39.75</b>				<b>39.35</b>			
Gender %				Gender %			
Female <b>39.1%</b>				Female <b>40.5%</b>			
Male <b>60.8%</b>				Male <b>59.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>5.8%</b>				AA/Black <b>5.6%</b>			
Hispanic <b>10.5%</b>				Hispanic <b>11.3%</b>			
White <b>79.4%</b>				White <b>78.5%</b>			
Other <b>4.3%</b>				Other <b>4.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.8%</b>	<b>0.4%</b>	<b>5.4%</b>	AA/Black	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
Hispanic	<b>10.5%</b>	<b>3.0%</b>	<b>7.5%</b>	Hispanic	<b>10.5%</b>	<b>15.2%</b>	<b>-4.7%</b>
White	<b>79.4%</b>	<b>91.1%</b>	<b>-11.7%</b>	White	<b>79.4%</b>	<b>65.1%</b>	<b>14.3%</b>
Other	<b>4.3%</b>	<b>5.7%</b>	<b>-1.4%</b>	Other	<b>4.3%</b>	<b>5.2%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	220	<b>16.5%</b>	<b>27.1%</b>	NW	95	<b>17.0%</b>	<b>26.6%</b>
White	866	<b>83.5%</b>	<b>72.9%</b>	White	359	<b>83.0%</b>	<b>73.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .014* sig.			
Odds ratio Exp(B) <sup>7</sup> : .566* sig.				Odds ratio Exp(B) <sup>7</sup> : .592 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>4.2%</b>	<b>18.1%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>69.1%</b>	<b>5.1%</b>	<b>22.8%</b>	<b>2.9%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>88.8%</b>	<b>2.5%</b>	<b>6.6%</b>	<b>2.0%</b>			
Other	<b>80.4%</b>	<b>9.8%</b>	<b>9.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### REHOBOTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>683</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.8%</b>	Citations per 1000	
	Passing through:	<b>81.2%</b>	18 + residents:	<b>70.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 602)				ITP Stops <sup>3</sup> (N = 236)			
Mean age				Mean age			
<b>35.73</b>				<b>35.66</b>			
Gender %				Gender %			
Female <b>31.4%</b>				Female <b>30.8%</b>			
Male <b>68.6%</b>				Male <b>69.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.8%</b>			
AA/Black <b>15.0%</b>				AA/Black <b>14.5%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>2.6%</b>			
White <b>80.4%</b>				White <b>82.4%</b>			
Other <b>1.0%</b>				Other <b>0.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.0%</b>	<b>0.7%</b>	<b>14.3%</b>	AA/Black	<b>15.0%</b>	<b>14.5%</b>	<b>0.5%</b>
Hispanic	<b>3.6%</b>	<b>2.8%</b>	<b>0.8%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>80.4%</b>	<b>92.4%</b>	<b>-12.0%</b>	White	<b>80.4%</b>	<b>65.1%</b>	<b>15.3%</b>
Other	<b>1.0%</b>	<b>4.4%</b>	<b>-3.4%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104	<b>17.4%</b>	<b>25.9%</b>	NW	37	<b>16.3%</b>	<b>22.6%</b>
White	425	<b>82.6%</b>	<b>74.1%</b>	White	166	<b>83.7%</b>	<b>77.4%</b>
Chi-square, X-tab <sup>6</sup> : .029* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .287 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .640 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .847 <i>not sig.</i>			

<sup>6</sup>*Sig.* Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>38.0%</b>	<b>20.7%</b>	<b>37.0%</b>	<b>4.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>58.3%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>8.3%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>55.3%</b>	<b>16.6%</b>	<b>23.8%</b>	<b>4.3%</b>			
Other	<b>57.1%</b>	<b>14.3%</b>	<b>28.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .059 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### REVERE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,413</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.7%</b>	Citations per 1000	
	Passing through:	<b>63.3%</b>	18 + residents:	<b>33.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,210)				ITP Stops <sup>3</sup> (N = 281)			
Mean age				Mean age			
<b>39.86</b>				<b>37.69</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>25.5%</b>			
Male <b>67.7%</b>				Male <b>74.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>9.3%</b>				Race % Mis/Unk <sup>4</sup> <b>14.9%</b>			
AA/Black <b>11.7%</b>				AA/Black <b>12.1%</b>			
Hispanic <b>29.5%</b>				Hispanic <b>38.5%</b>			
White <b>57.4%</b>				White <b>43.9%</b>			
Other <b>4.0%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.7%</b>	<b>5.5%</b>	<b>6.2%</b>	AA/Black	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
Hispanic	<b>29.5%</b>	<b>33.6%</b>	<b>-4.1%</b>	Hispanic	<b>29.5%</b>	<b>15.2%</b>	<b>14.3%</b>
White	<b>57.4%</b>	<b>53.3%</b>	<b>4.1%</b>	White	<b>57.4%</b>	<b>65.1%</b>	<b>-7.7%</b>
Other	<b>4.0%</b>	<b>10.5%</b>	<b>-6.5%</b>	Other	<b>4.0%</b>	<b>5.2%</b>	<b>-1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	44	<b>40.5%</b>	<b>60.1%</b>	NW	118	<b>55.0%</b>	<b>53.8%</b>
White	561	<b>59.5%</b>	<b>39.9%</b>	White	98	<b>45.0%</b>	<b>46.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .879 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .477* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.331 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.2%</b>	<b>26.1%</b>	<b>16.2%</b>	<b>3.5%</b>	NW	<b>61</b>	<b>21.3%</b>
Hispanic	<b>39.4%</b>	<b>19.8%</b>	<b>35.7%</b>	<b>5.0%</b>	White	<b>225</b>	<b>78.7%</b>
White	<b>58.0%</b>	<b>19.6%</b>	<b>19.9%</b>	<b>2.6%</b>			
Other	<b>63.8%</b>	<b>21.3%</b>	<b>12.8%</b>	<b>2.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ROCHESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>402</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.2%</b>	Citations per 1000	
	Passing through:	<b>84.8%</b>	18 + residents:	<b>93.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 363)				ITP Stops <sup>3</sup> (N = 140)			
Mean age				Mean age			
<b>33.73</b>				<b>33.24</b>			
Gender %				Gender %			
Female <b>31.1%</b>				Female <b>30.2%</b>			
Male <b>68.9%</b>				Male <b>69.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.7%</b>				Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			
AA/Black <b>10.4%</b>				AA/Black <b>9.1%</b>			
Hispanic <b>2.7%</b>				Hispanic <b>1.5%</b>			
White <b>86.9%</b>				White <b>89.4%</b>			
Other <b>0.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.4%</b>	<b>0.6%</b>	<b>9.8%</b>	AA/Black	<b>10.4%</b>	<b>14.5%</b>	<b>-4.1%</b>
Hispanic	<b>2.7%</b>	<b>0.6%</b>	<b>2.1%</b>	Hispanic	<b>2.7%</b>	<b>15.2%</b>	<b>-12.5%</b>
White	<b>86.9%</b>	<b>97.4%</b>	<b>-10.5%</b>	White	<b>86.9%</b>	<b>65.1%</b>	<b>21.8%</b>
Other	<b>0.0%</b>	<b>1.1%</b>	<b>-1.1%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	38	<b>12.1%</b>	<b>13.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	265	<b>87.9%</b>	<b>86.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.773	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.041	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>34.2%</b>	<b>13.2%</b>	<b>50.0%</b>	<b>2.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>44.4%</b>	<b>0.0%</b>	<b>44.4%</b>	<b>11.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>46.3%</b>	<b>17.1%</b>	<b>27.6%</b>	<b>9.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.093	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ROCKLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>590</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.1%</b>	Citations per 1000	
	Passing through:	<b>69.9%</b>	18 + residents:	<b>42.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 499)				ITP Stops <sup>3</sup> (N = 190)			
Mean age				Mean age			
<b>36.97</b>				<b>37.31</b>			
Gender %				Gender %			
Female <b>30.5%</b>				Female <b>27.4%</b>			
Male <b>69.5%</b>				Male <b>72.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>			
AA/Black <b>9.0%</b>				AA/Black <b>10.3%</b>			
Hispanic <b>1.5%</b>				Hispanic <b>1.1%</b>			
White <b>89.2%</b>				White <b>88.0%</b>			
Other <b>0.4%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>3.0%</b>	<b>6.0%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>1.5%</b>	<b>3.1%</b>	<b>-1.6%</b>	Hispanic	<b>1.5%</b>	<b>15.2%</b>	<b>-13.7%</b>
White	<b>89.2%</b>	<b>91.5%</b>	<b>-2.3%</b>	White	<b>89.2%</b>	<b>65.1%</b>	<b>24.1%</b>
Other	<b>0.4%</b>	<b>1.6%</b>	<b>-1.2%</b>	Other	<b>0.4%</b>	<b>5.2%</b>	<b>-4.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>6.9%</b>	<b>19.4%</b>	NW	18	<b>6.0%</b>	<b>20.8%</b>
White	405	<b>93.1%</b>	<b>80.6%</b>	White	151	<b>94.0%</b>	<b>79.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .004* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .312* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .218* <i>sig.</i>			

<sup>6</sup>*Sig.* Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.0%</b>	<b>12.0%</b>	<b>22.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>10.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>70.3%</b>	<b>8.7%</b>	<b>16.6%</b>	<b>4.4%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .380 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ROWLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>403</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.6%</b>	Citations per 1000	
	Passing through:	<b>83.4%</b>	18 + residents:	<b>79.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 386)				ITP Stops <sup>3</sup> (N = 114)			
Mean age				Mean age			
<b>39.39</b>				<b>40.5</b>			
Gender %				Gender %			
Female <b>34.1%</b>				Female <b>36.1%</b>			
Male <b>65.9%</b>				Male <b>63.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.0%</b>				Race % Mis/Unk <sup>4</sup> <b>12.3%</b>			
AA/Black <b>3.6%</b>				AA/Black <b>1.0%</b>			
Hispanic <b>12.3%</b>				Hispanic <b>15.0%</b>			
White <b>82.5%</b>				White <b>80.0%</b>			
Other <b>1.7%</b>				Other <b>4.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.6%</b>	<b>1.2%</b>	<b>2.4%</b>	AA/Black	<b>3.6%</b>	<b>14.5%</b>	<b>-10.9%</b>
Hispanic	<b>12.3%</b>	<b>0.8%</b>	<b>11.5%</b>	Hispanic	<b>12.3%</b>	<b>15.2%</b>	<b>-2.9%</b>
White	<b>82.5%</b>	<b>95.4%</b>	<b>-12.9%</b>	White	<b>82.5%</b>	<b>65.1%</b>	<b>17.4%</b>
Other	<b>1.7%</b>	<b>2.7%</b>	<b>-1.0%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	<b>15.2%</b>	<b>22.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	283	<b>84.8%</b>	<b>77.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.130	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.628	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>21.4%</b>	<b>21.4%</b>	<b>57.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>22.7%</b>	<b>13.6%</b>	<b>56.8%</b>	<b>6.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>55.7%</b>	<b>18.8%</b>	<b>21.7%</b>	<b>3.9%</b>			
Other	<b>50.0%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ROYALSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>106</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.0%</b>	Citations per 1000	
	Passing through:	<b>88.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 100)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.28</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>30.9%</b>				Female <b>N/A</b>			
Male <b>69.1%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.0%</b>				Hispanic <b>N/A</b>			
White <b>95.9%</b>				White <b>N/A</b>			
Other <b>1.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
Hispanic	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.0%</b>	<b>15.2%</b>	<b>-15.2%</b>
White	<b>95.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>95.9%</b>	<b>65.1%</b>	<b>30.8%</b>
Other	<b>1.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>41.8%</b>	<b>49.0%</b>	<b>9.2%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .485				not sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### RUSSELL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>258</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.5%</b>	Citations per 1000	
	Passing through:	<b>94.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 256)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>39.85</b>				<b>N/A</b>			
Gender	%			Gender	%		
Female	<b>43.4%</b>			Female	<b>N/A</b>		
Male	<b>56.6%</b>			Male	<b>N/A</b>		
Non-binary	<b>0.0%</b>			Non-binary	<b>N/A</b>		
Race	%	Mis/Unk <sup>4</sup>	<b>3.9%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black	<b>2.0%</b>			AA/Black	<b>N/A</b>		
Hispanic	<b>3.7%</b>			Hispanic	<b>N/A</b>		
White	<b>94.3%</b>			White	<b>N/A</b>		
Other	<b>0.0%</b>			Other	<b>N/A</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.0%</b>	<b>14.5%</b>	<b>-12.5%</b>
Hispanic	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.7%</b>	<b>15.2%</b>	<b>-11.5%</b>
White	<b>94.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>94.3%</b>	<b>65.1%</b>	<b>29.2%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	NW	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
White	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	White	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.0%</b>	<b>0.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>49.6%</b>	<b>44.0%</b>	<b>6.0%</b>	<b>0.4%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.425	not sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### RUTLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>716</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.0%</b>	Citations per 1000	
	Passing through:	<b>73.0%</b>	18 + residents:	<b>109.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 705)				ITP Stops <sup>3</sup> (N = 265)			
Mean age				Mean age			
<b>37.89</b>				<b>36.33</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>34.0%</b>			
Male <b>60.1%</b>				Male <b>65.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>6.2%</b>				AA/Black <b>5.0%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>8.0%</b>			
White <b>85.1%</b>				White <b>83.2%</b>			
Other <b>2.2%</b>				Other <b>3.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.2%</b>	<b>0.0%</b>	<b>6.2%</b>	AA/Black	<b>6.2%</b>	<b>14.5%</b>	<b>-8.3%</b>
Hispanic	<b>6.6%</b>	<b>3.3%</b>	<b>3.3%</b>	Hispanic	<b>6.6%</b>	<b>15.2%</b>	<b>-8.6%</b>
White	<b>85.1%</b>	<b>92.1%</b>	<b>-7.0%</b>	White	<b>85.1%</b>	<b>65.1%</b>	<b>20.0%</b>
Other	<b>2.2%</b>	<b>5.6%</b>	<b>-3.4%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	100	<b>12.2%</b>	<b>20.7%</b>	NW	40	<b>16.7%</b>	<b>16.9%</b>
White	573	<b>87.8%</b>	<b>79.3%</b>	White	199	<b>83.3%</b>	<b>83.1%</b>
Chi-square, X-tab <sup>6</sup> : .004* sig.				Chi-square, X-tab <sup>6</sup> : .970 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .537* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.713 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.8%</b>	<b>6.8%</b>	<b>9.1%</b>	<b>2.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>70.2%</b>	<b>12.8%</b>	<b>17.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>79.9%</b>	<b>10.1%</b>	<b>6.8%</b>	<b>3.2%</b>			
Other	<b>86.7%</b>	<b>6.7%</b>	<b>6.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .370 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SALEM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>5,012</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.6%</b>	Citations per 1000	
	Passing through:	<b>68.4%</b>	18 + residents:	<b>138.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,561)				ITP Stops <sup>3</sup> (N = 1,647)			
Mean age				Mean age			
<b>37.69</b>				<b>37.35</b>			
Gender %				Gender %			
Female <b>38.3%</b>				Female <b>38.6%</b>			
Male <b>61.5%</b>				Male <b>61.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.4%</b>				Race % Mis/Unk <sup>4</sup> <b>9.7%</b>			
AA/Black <b>8.3%</b>				AA/Black <b>8.0%</b>			
Hispanic <b>19.6%</b>				Hispanic <b>18.8%</b>			
White <b>70.1%</b>				White <b>71.6%</b>			
Other <b>2.0%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.3%</b>	<b>6.6%</b>	<b>1.7%</b>	AA/Black	<b>8.3%</b>	<b>14.5%</b>	<b>-6.2%</b>
Hispanic	<b>19.6%</b>	<b>17.8%</b>	<b>1.8%</b>	Hispanic	<b>19.6%</b>	<b>15.2%</b>	<b>4.4%</b>
White	<b>70.1%</b>	<b>71.8%</b>	<b>-1.7%</b>	White	<b>70.1%</b>	<b>65.1%</b>	<b>5.0%</b>
Other	<b>2.0%</b>	<b>6.9%</b>	<b>-4.9%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,186	<b>26.0%</b>	<b>38.0%</b>	NW	371	<b>26.0%</b>	<b>30.1%</b>
White	2,787	<b>74.0%</b>	<b>62.0%</b>	White	970	<b>74.0%</b>	<b>69.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .104 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .541* sig.				Odds ratio Exp(B) <sup>7</sup> : .759 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.8%</b>	<b>37.6%</b>	<b>7.5%</b>	<b>4.0%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>47.5%</b>	<b>40.9%</b>	<b>8.4%</b>	<b>3.1%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>54.0%</b>	<b>39.7%</b>	<b>3.6%</b>	<b>2.7%</b>			
Other	<b>58.2%</b>	<b>38.5%</b>	<b>3.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SALISBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>872</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.9%</b>	Citations per 1000	
	Passing through:	<b>74.1%</b>	18 + residents:	<b>134.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 831)				ITP Stops <sup>3</sup> (N = 444)			
Mean age				Mean age			
<b>39.89</b>				<b>40.11</b>			
Gender %				Gender %			
Female <b>38.2%</b>				Female <b>40.5%</b>			
Male <b>61.8%</b>				Male <b>59.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.5%</b>				Race % Mis/Unk <sup>4</sup> <b>4.5%</b>			
AA/Black <b>2.0%</b>				AA/Black <b>2.6%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>6.1%</b>			
White <b>88.9%</b>				White <b>88.9%</b>			
Other <b>2.4%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.0%</b>	<b>0.7%</b>	<b>1.3%</b>	AA/Black	<b>2.0%</b>	<b>14.5%</b>	<b>-12.5%</b>
Hispanic	<b>6.7%</b>	<b>3.6%</b>	<b>3.1%</b>	Hispanic	<b>6.7%</b>	<b>15.2%</b>	<b>-8.5%</b>
White	<b>88.9%</b>	<b>92.8%</b>	<b>-3.9%</b>	White	<b>88.9%</b>	<b>65.1%</b>	<b>23.8%</b>
Other	<b>2.4%</b>	<b>2.4%</b>	<b>0.0%</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82	<b>8.1%</b>	<b>15.3%</b>	NW	42	<b>7.7%</b>	<b>15.5%</b>
White	665	<b>91.9%</b>	<b>84.7%</b>	White	341	<b>92.3%</b>	<b>84.5%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .015* sig.			
Odds ratio Exp(B) <sup>7</sup> : .489* sig.				Odds ratio Exp(B) <sup>7</sup> : .461 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>87.5%</b>	<b>6.3%</b>	<b>6.3%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>50.9%</b>	<b>5.5%</b>	<b>36.4%</b>	<b>7.3%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>71.6%</b>	<b>9.8%</b>	<b>14.2%</b>	<b>4.3%</b>			
Other	<b>45.0%</b>	<b>10.0%</b>	<b>25.0%</b>	<b>20.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SANDISFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>101</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.0%</b>	Citations per 1000	
	Passing through:	<b>100.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 100)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>44.77</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>N/A</b>			
Male <b>66.0%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>6.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.4%</b>				Hispanic <b>N/A</b>			
White <b>86.2%</b>				White <b>N/A</b>			
Other <b>2.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
Hispanic	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.4%</b>	<b>15.2%</b>	<b>-7.8%</b>
White	<b>86.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.2%</b>	<b>65.1%</b>	<b>21.1%</b>
Other	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.1%</b>	<b>5.2%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>28.6%</b>	<b>28.6%</b>	<b>42.9%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>63.4%</b>	<b>28.0%</b>	<b>8.5%</b>	<b>0.0%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .131 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SANDWICH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>598</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.0%</b>	Citations per 1000	
	Passing through:	<b>81.0%</b>	18 + residents:	<b>36.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 537)				ITP Stops <sup>3</sup> (N = 190)			
Mean age				Mean age			
<b>39.78</b>				<b>39.62</b>			
Gender %				Gender %			
Female <b>40.2%</b>				Female <b>34.0%</b>			
Male <b>59.6%</b>				Male <b>66.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>4.9%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>5.9%</b>			
White <b>89.8%</b>				White <b>86.1%</b>			
Other <b>1.7%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.9%</b>	<b>1.0%</b>	<b>3.9%</b>	AA/Black	<b>4.9%</b>	<b>14.5%</b>	<b>-9.6%</b>
Hispanic	<b>3.6%</b>	<b>2.1%</b>	<b>1.5%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>89.8%</b>	<b>93.0%</b>	<b>-3.2%</b>	White	<b>89.8%</b>	<b>65.1%</b>	<b>24.7%</b>
Other	<b>1.7%</b>	<b>2.8%</b>	<b>-1.1%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	47	<b>9.2%</b>	<b>10.3%</b>	NW	20	<b>13.9%</b>	<b>11.1%</b>
White	446	<b>90.8%</b>	<b>89.7%</b>	White	140	<b>86.1%</b>	<b>88.9%</b>
Chi-square, X-tab <sup>6</sup> : .686 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .591 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .964 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.136 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>44.4%</b>	<b>18.5%</b>	<b>29.6%</b>	<b>7.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>35.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>25.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>58.0%</b>	<b>18.6%</b>	<b>16.6%</b>	<b>6.8%</b>			
Other	<b>66.7%</b>	<b>11.1%</b>	<b>11.1%</b>	<b>11.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .105 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SAUGUS POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>750</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.8%</b>	Citations per 1000	
	Passing through:	<b>64.2%</b>	18 + residents:	<b>31.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 674)				ITP Stops <sup>3</sup> (N = 135)			
Mean age				Mean age			
<b>39.1</b>				<b>37.49</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>34.3%</b>			
Male <b>64.7%</b>				Male <b>65.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>4.4%</b>			
AA/Black <b>10.2%</b>				AA/Black <b>10.9%</b>			
Hispanic <b>6.1%</b>				Hispanic <b>5.4%</b>			
White <b>80.7%</b>				White <b>79.8%</b>			
Other <b>2.9%</b>				Other <b>3.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.2%</b>	<b>2.1%</b>	<b>8.1%</b>	AA/Black	<b>10.2%</b>	<b>14.5%</b>	<b>-4.3%</b>
Hispanic	<b>6.1%</b>	<b>8.6%</b>	<b>-2.5%</b>	Hispanic	<b>6.1%</b>	<b>15.2%</b>	<b>-9.1%</b>
White	<b>80.7%</b>	<b>83.3%</b>	<b>-2.6%</b>	White	<b>80.7%</b>	<b>65.1%</b>	<b>15.6%</b>
Other	<b>2.9%</b>	<b>5.8%</b>	<b>-2.9%</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	114	<b>17.0%</b>	<b>25.2%</b>	NW	23	<b>13.9%</b>	<b>28.3%</b>
White	500	<b>83.0%</b>	<b>74.8%</b>	White	95	<b>86.1%</b>	<b>71.7%</b>
Chi-square, X-tab <sup>6</sup> :		.042 *	sig.	Chi-square, X-tab <sup>6</sup> :		.055	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.584 *	sig.	Odds ratio Exp(B) <sup>7</sup> :		.188 *	sig.

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.3%</b>	<b>12.3%</b>	<b>21.9%</b>	<b>5.5%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>36.0%</b>	<b>30.0%</b>	<b>28.0%</b>	<b>6.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>68.1%</b>	<b>13.6%</b>	<b>14.7%</b>	<b>3.6%</b>			
Other	<b>80.0%</b>	<b>5.0%</b>	<b>15.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001 *	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SCITUATE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>411</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>49.2%</b>	Citations per 1000	
	Passing through:	<b>50.8%</b>	18 + residents:	<b>27.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 372)				ITP Stops <sup>3</sup> (N = 198)			
Mean age				Mean age			
<b>38.76</b>				<b>38.71</b>			
Gender %				Gender %			
Female <b>39.1%</b>				Female <b>35.2%</b>			
Male <b>60.9%</b>				Male <b>64.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.6%</b>				Race % Mis/Unk <sup>4</sup> <b>7.6%</b>			
AA/Black <b>2.6%</b>				AA/Black <b>2.2%</b>			
Hispanic <b>3.2%</b>				Hispanic <b>3.3%</b>			
White <b>92.9%</b>				White <b>93.4%</b>			
Other <b>1.2%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.6%</b>	<b>0.7%</b>	<b>1.9%</b>	AA/Black	<b>2.6%</b>	<b>14.5%</b>	<b>-11.9%</b>
Hispanic	<b>3.2%</b>	<b>1.0%</b>	<b>2.2%</b>	Hispanic	<b>3.2%</b>	<b>15.2%</b>	<b>-12.0%</b>
White	<b>92.9%</b>	<b>95.3%</b>	<b>-2.4%</b>	White	<b>92.9%</b>	<b>65.1%</b>	<b>27.8%</b>
Other	<b>1.2%</b>	<b>1.6%</b>	<b>-0.4%</b>	Other	<b>1.2%</b>	<b>5.2%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	24	<b>8.0%</b>	<b>6.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	298	<b>92.0%</b>	<b>93.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.592	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.297	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.5%</b>	<b>9.1%</b>	<b>27.3%</b>	<b>18.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>18.2%</b>	<b>9.1%</b>	<b>72.7%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>69.5%</b>	<b>13.0%</b>	<b>8.6%</b>	<b>8.9%</b>			
Other	<b>60.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SEEKONK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,559</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.8%</b>	Citations per 1000	
	Passing through:	<b>78.2%</b>	18 + residents:	<b>125.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,340)				ITP Stops <sup>3</sup> (N = 536)			
Mean age				Mean age			
<b>37.84</b>				<b>38.12</b>			
Gender %				Gender %			
Female <b>41.4%</b>				Female <b>39.3%</b>			
Male <b>58.5%</b>				Male <b>60.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>12.1%</b>				AA/Black <b>11.2%</b>			
Hispanic <b>7.6%</b>				Hispanic <b>9.5%</b>			
White <b>79.0%</b>				White <b>78.2%</b>			
Other <b>1.4%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.1%</b>	<b>1.0%</b>	<b>11.1%</b>	AA/Black	<b>12.1%</b>	<b>14.5%</b>	<b>-2.4%</b>
Hispanic	<b>7.6%</b>	<b>2.5%</b>	<b>5.1%</b>	Hispanic	<b>7.6%</b>	<b>15.2%</b>	<b>-7.6%</b>
White	<b>79.0%</b>	<b>92.3%</b>	<b>-13.3%</b>	White	<b>79.0%</b>	<b>65.1%</b>	<b>13.9%</b>
Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	249	<b>16.3%</b>	<b>27.3%</b>	NW	101	<b>17.4%</b>	<b>28.5%</b>
White	961	<b>83.7%</b>	<b>72.7%</b>	White	365	<b>82.6%</b>	<b>71.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .005* sig.			
Odds ratio Exp(B) <sup>7</sup> : .525* sig.				Odds ratio Exp(B) <sup>7</sup> : .631 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.1%</b>	<b>13.4%</b>	<b>15.0%</b>	<b>1.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>70.4%</b>	<b>8.7%</b>	<b>18.3%</b>	<b>2.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>77.2%</b>	<b>13.6%</b>	<b>8.6%</b>	<b>0.6%</b>			
Other	<b>66.7%</b>	<b>28.6%</b>	<b>4.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHARON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,021</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.5%</b>	Citations per 1000	
	Passing through:	<b>73.5%</b>	18 + residents:	<b>146.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,953)				ITP Stops <sup>3</sup> (N = 722)			
Mean age				Mean age			
<b>39.35</b>				<b>38.94</b>			
Gender %				Gender %			
Female <b>36.4%</b>				Female <b>34.4%</b>			
Male <b>63.3%</b>				Male <b>65.4%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>21.3%</b>				AA/Black <b>19.2%</b>			
Hispanic <b>5.6%</b>				Hispanic <b>7.0%</b>			
White <b>64.9%</b>				White <b>65.8%</b>			
Other <b>8.1%</b>				Other <b>8.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>21.3%</b>	<b>2.6%</b>	<b>18.7%</b>	AA/Black	<b>21.3%</b>	<b>14.5%</b>	<b>6.8%</b>
Hispanic	<b>5.6%</b>	<b>5.4%</b>	<b>0.2%</b>	Hispanic	<b>5.6%</b>	<b>15.2%</b>	<b>-9.6%</b>
White	<b>64.9%</b>	<b>73.1%</b>	<b>-8.2%</b>	White	<b>64.9%</b>	<b>65.1%</b>	<b>-0.2%</b>
Other	<b>8.1%</b>	<b>18.5%</b>	<b>-10.4%</b>	Other	<b>8.1%</b>	<b>5.2%</b>	<b>2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	631	<b>29.7%</b>	<b>45.8%</b>	NW	211	<b>31.4%</b>	<b>38.5%</b>
White	1,174	<b>70.3%</b>	<b>54.2%</b>	White	416	<b>68.6%</b>	<b>61.5%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.079	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.488*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.643	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.2%</b>	<b>6.9%</b>	<b>10.7%</b>	<b>0.2%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>73.9%</b>	<b>3.5%</b>	<b>22.6%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>90.7%</b>	<b>4.3%</b>	<b>4.9%</b>	<b>0.2%</b>			
Other	<b>91.9%</b>	<b>3.7%</b>	<b>3.7%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHEFFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>444</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.9%</b>	Citations per 1000	
	Passing through:	<b>87.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 417)				ITP Stops <sup>3</sup> (N = 128)			
Mean age				Mean age			
<b>42.86</b>				<b>38.11</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>36.7%</b>			
Male <b>63.3%</b>				Male <b>63.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>4.4%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>6.3%</b>			
White <b>88.6%</b>				White <b>85.0%</b>			
Other <b>1.7%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.4%</b>	<b>14.5%</b>	<b>-10.1%</b>
Hispanic	<b>5.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.2%</b>	<b>15.2%</b>	<b>-10.0%</b>
White	<b>88.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>88.6%</b>	<b>65.1%</b>	<b>23.5%</b>
Other	<b>1.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	42	<b>10.7%</b>	<b>12.5%</b>	NW	16	<b>12.9%</b>	<b>17.5%</b>
White	328	<b>89.3%</b>	<b>87.5%</b>	White	94	<b>87.1%</b>	<b>82.5%</b>
Chi-square, X-tab <sup>6</sup> : .612 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .506 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .733 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .767 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.4%</b>	<b>21.1%</b>	<b>15.8%</b>	<b>15.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>52.2%</b>	<b>8.7%</b>	<b>30.4%</b>	<b>8.7%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>60.0%</b>	<b>19.2%</b>	<b>15.0%</b>	<b>5.8%</b>			
Other	<b>57.1%</b>	<b>42.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .211 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHELBURNE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>211</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.7%</b>	Citations per 1000	
	Passing through:	<b>92.3%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 196)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.42</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>31.8%</b>				Female <b>N/A</b>			
Male <b>68.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>7.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>0.6%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.3%</b>				Hispanic <b>N/A</b>			
White <b>96.1%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>0.6%</b>	<b>14.5%</b>	<b>-13.9%</b>
Hispanic	<b>3.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.3%</b>	<b>15.2%</b>	<b>-11.9%</b>
White	<b>96.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>96.1%</b>	<b>65.1%</b>	<b>31.0%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>74.9%</b>	<b>11.8%</b>	<b>9.6%</b>	<b>3.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.759	not sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHERBORN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,056</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.0%</b>	Citations per 1000	
	Passing through:	<b>91.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,961)				ITP Stops <sup>3</sup> (N = 1,191)			
Mean age				Mean age			
<b>39.72</b>				<b>40.1</b>			
Gender %				Gender %			
Female <b>37.5%</b>				Female <b>35.1%</b>			
Male <b>62.4%</b>				Male <b>64.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.3%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>6.8%</b>			
Hispanic <b>9.9%</b>				Hispanic <b>9.4%</b>			
White <b>78.7%</b>				White <b>79.0%</b>			
Other <b>4.6%</b>				Other <b>4.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.8%</b>	<b>14.5%</b>	<b>-7.7%</b>
Hispanic	<b>9.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.9%</b>	<b>15.2%</b>	<b>-5.3%</b>
White	<b>78.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>78.7%</b>	<b>65.1%</b>	<b>13.6%</b>
Other	<b>4.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	586	<b>18.0%</b>	<b>25.5%</b>	NW	212	<b>18.0%</b>	<b>22.7%</b>
White	2,221	<b>82.0%</b>	<b>74.5%</b>	White	846	<b>82.0%</b>	<b>77.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .062 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .613* sig.				Odds ratio Exp(B) <sup>7</sup> : .639* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.2%</b>	<b>17.6%</b>	<b>11.7%</b>	<b>0.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>47.1%</b>	<b>20.6%</b>	<b>30.4%</b>	<b>2.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>76.4%</b>	<b>13.3%</b>	<b>9.4%</b>	<b>0.9%</b>			
Other	<b>73.2%</b>	<b>21.7%</b>	<b>5.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHIRLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>694</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>103.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 684)				ITP Stops <sup>3</sup> (N = 335)			
Mean age				Mean age			
<b>39.25</b>				<b>38.7</b>			
Gender %				Gender %			
Female <b>40.4%</b>				Female <b>36.4%</b>			
Male <b>59.6%</b>				Male <b>63.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.9%</b>				Race % Mis/Unk <sup>4</sup> <b>3.9%</b>			
AA/Black <b>5.8%</b>				AA/Black <b>5.0%</b>			
Hispanic <b>12.0%</b>				Hispanic <b>12.4%</b>			
White <b>77.8%</b>				White <b>78.0%</b>			
Other <b>4.4%</b>				Other <b>4.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.8%</b>	<b>8.5%</b>	<b>-2.7%</b>	AA/Black	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
Hispanic	<b>12.0%</b>	<b>9.8%</b>	<b>2.2%</b>	Hispanic	<b>12.0%</b>	<b>15.2%</b>	<b>-3.2%</b>
White	<b>77.8%</b>	<b>74.9%</b>	<b>2.9%</b>	White	<b>77.8%</b>	<b>65.1%</b>	<b>12.7%</b>
Other	<b>4.4%</b>	<b>7.1%</b>	<b>-2.7%</b>	Other	<b>4.4%</b>	<b>5.2%</b>	<b>-0.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	138	<b>22.8%</b>	<b>21.7%</b>	NW	63	<b>24.7%</b>	<b>18.0%</b>
White	475	<b>77.2%</b>	<b>78.3%</b>	White	219	<b>75.3%</b>	<b>82.0%</b>
Chi-square, X-tab <sup>6</sup> : .785 not sig.				Chi-square, X-tab <sup>6</sup> : .195 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.113 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.102 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.4%</b>	<b>21.1%</b>	<b>10.5%</b>	<b>0.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>46.3%</b>	<b>30.0%</b>	<b>20.0%</b>	<b>3.8%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>69.1%</b>	<b>21.9%</b>	<b>6.2%</b>	<b>2.7%</b>			
Other	<b>60.6%</b>	<b>30.3%</b>	<b>0.0%</b>	<b>9.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHREWSBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,314</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.6%</b>	Citations per 1000	
	Passing through:	<b>74.4%</b>	18 + residents:	<b>112.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,242)				ITP Stops <sup>3</sup> (N = 1,455)			
Mean age				Mean age			
<b>36.79</b>				<b>37.69</b>			
Gender %				Gender %			
Female <b>31.5%</b>				Female <b>32.1%</b>			
Male <b>68.5%</b>				Male <b>67.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>16.2%</b>				AA/Black <b>14.5%</b>			
Hispanic <b>19.4%</b>				Hispanic <b>18.9%</b>			
White <b>53.3%</b>				White <b>53.8%</b>			
Other <b>11.1%</b>				Other <b>12.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.2%</b>	<b>3.0%</b>	<b>13.2%</b>	AA/Black	<b>16.2%</b>	<b>14.5%</b>	<b>1.7%</b>
Hispanic	<b>19.4%</b>	<b>4.8%</b>	<b>14.6%</b>	Hispanic	<b>19.4%</b>	<b>15.2%</b>	<b>4.2%</b>
White	<b>53.3%</b>	<b>69.9%</b>	<b>-16.6%</b>	White	<b>53.3%</b>	<b>65.1%</b>	<b>-11.8%</b>
Other	<b>11.1%</b>	<b>22.8%</b>	<b>-11.7%</b>	Other	<b>11.1%</b>	<b>5.2%</b>	<b>5.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,413	<b>37.8%</b>	<b>56.2%</b>	NW	595	<b>42.5%</b>	<b>50.9%</b>
White	1,594	<b>62.2%</b>	<b>43.8%</b>	White	697	<b>57.5%</b>	<b>49.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .003* sig.			
Odds ratio Exp(B) <sup>7</sup> : .515* sig.				Odds ratio Exp(B) <sup>7</sup> : .795 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.7%</b>	<b>14.2%</b>	<b>7.2%</b>	<b>4.0%</b>	NW	<b>54</b>	<b>N/A</b>
Hispanic	<b>69.1%</b>	<b>16.9%</b>	<b>7.8%</b>	<b>6.3%</b>	White	<b>40</b>	<b>N/A</b>
White	<b>73.5%</b>	<b>17.8%</b>	<b>4.5%</b>	<b>4.3%</b>			
Other	<b>73.0%</b>	<b>24.5%</b>	<b>1.7%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SHUTESBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>104</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.1%</b>	Citations per 1000	
	Passing through:	<b>93.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 98)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>30.51</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>45.9%</b>				Female <b>N/A</b>			
Male <b>54.1%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>9.2%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>0.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.4%</b>				Hispanic <b>N/A</b>			
White <b>86.5%</b>				White <b>N/A</b>			
Other <b>10.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>0.0%</b>	<b>14.5%</b>	<b>-14.5%</b>
Hispanic	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.4%</b>	<b>15.2%</b>	<b>-11.8%</b>
White	<b>86.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.5%</b>	<b>65.1%</b>	<b>21.4%</b>
Other	<b>10.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.1%</b>	<b>5.2%</b>	<b>4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>72.8%</b>	<b>21.0%</b>	<b>4.9%</b>	<b>1.2%</b>			
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.752	not sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOMERSET POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,790</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.2%</b>	Citations per 1000	
	Passing through:	<b>62.8%</b>	18 + residents:	<b>257.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,563)				ITP Stops <sup>3</sup> (N = 1,158)			
Mean age				Mean age			
<b>39.33</b>				<b>39.59</b>			
Gender %				Gender %			
Female <b>44.4%</b>				Female <b>41.7%</b>			
Male <b>55.6%</b>				Male <b>58.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>4.1%</b>				AA/Black <b>3.2%</b>			
Hispanic <b>3.1%</b>				Hispanic <b>2.8%</b>			
White <b>91.6%</b>				White <b>92.8%</b>			
Other <b>1.1%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.1%</b>	<b>0.5%</b>	<b>3.6%</b>	AA/Black	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
Hispanic	<b>3.1%</b>	<b>0.9%</b>	<b>2.2%</b>	Hispanic	<b>3.1%</b>	<b>15.2%</b>	<b>-12.1%</b>
White	<b>91.6%</b>	<b>97.5%</b>	<b>-5.9%</b>	White	<b>91.6%</b>	<b>65.1%</b>	<b>26.5%</b>
Other	<b>1.1%</b>	<b>0.8%</b>	<b>0.3%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	286	<b>6.8%</b>	<b>11.7%</b>	NW	72	<b>7.0%</b>	<b>7.3%</b>
White	3,114	<b>93.2%</b>	<b>88.3%</b>	White	952	<b>93.0%</b>	<b>92.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .841 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .535* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.052 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.6%</b>	<b>8.9%</b>	<b>19.6%</b>	<b>1.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>65.5%</b>	<b>13.4%</b>	<b>18.5%</b>	<b>2.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.4%</b>	<b>10.8%</b>	<b>4.2%</b>	<b>0.6%</b>			
Other	<b>90.5%</b>	<b>2.4%</b>	<b>7.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOMERVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,816</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.1%</b>	Citations per 1000	
	Passing through:	<b>74.9%</b>	18 + residents:	<b>53.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,647)				ITP Stops <sup>3</sup> (N = 540)			
Mean age				Mean age			
<b>40.63</b>				<b>39.78</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>35.9%</b>			
Male <b>63.9%</b>				Male <b>64.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>11.9%</b>				Race % Mis/Unk <sup>4</sup> <b>4.8%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>12.3%</b>			
Hispanic <b>13.8%</b>				Hispanic <b>18.9%</b>			
White <b>66.4%</b>				White <b>57.0%</b>			
Other <b>8.6%</b>				Other <b>11.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>6.2%</b>	<b>5.1%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>13.8%</b>	<b>12.4%</b>	<b>1.4%</b>	Hispanic	<b>13.8%</b>	<b>15.2%</b>	<b>-1.4%</b>
White	<b>66.4%</b>	<b>68.2%</b>	<b>-1.8%</b>	White	<b>66.4%</b>	<b>65.1%</b>	<b>1.3%</b>
Other	<b>8.6%</b>	<b>14.8%</b>	<b>-6.2%</b>	Other	<b>8.6%</b>	<b>5.2%</b>	<b>3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,043	<b>32.7%</b>	<b>43.9%</b>	NW	204	<b>41.1%</b>	<b>49.5%</b>
White	2,072	<b>67.3%</b>	<b>56.1%</b>	White	273	<b>58.9%</b>	<b>50.5%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .140 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .674* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.069 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>89.9%</b>	<b>4.1%</b>	<b>5.8%</b>	<b>0.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>93.9%</b>	<b>4.0%</b>	<b>1.1%</b>	<b>1.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>90.5%</b>	<b>7.7%</b>	<b>1.7%</b>	<b>0.2%</b>			
Other	<b>93.3%</b>	<b>6.0%</b>	<b>0.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOUTH HADLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>651</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.0%</b>	Citations per 1000	
	Passing through:	<b>74.0%</b>	18 + residents:	<b>42.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 593)				ITP Stops <sup>3</sup> (N = 195)			
Mean age				Mean age			
<b>36.4</b>				<b>35.96</b>			
Gender %				Gender %			
Female <b>42.9%</b>				Female <b>34.0%</b>			
Male <b>56.9%</b>				Male <b>66.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.0%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>4.9%</b>				Hispanic <b>3.1%</b>			
White <b>88.1%</b>				White <b>90.7%</b>			
Other <b>1.0%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.0%</b>	<b>1.8%</b>	<b>4.2%</b>	AA/Black	<b>6.0%</b>	<b>14.5%</b>	<b>-8.5%</b>
Hispanic	<b>4.9%</b>	<b>6.4%</b>	<b>-1.5%</b>	Hispanic	<b>4.9%</b>	<b>15.2%</b>	<b>-10.3%</b>
White	<b>88.1%</b>	<b>84.8%</b>	<b>3.3%</b>	White	<b>88.1%</b>	<b>65.1%</b>	<b>23.0%</b>
Other	<b>1.0%</b>	<b>8.2%</b>	<b>-7.2%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	66	<b>10.2%</b>	<b>16.1%</b>	NW	16	<b>8.8%</b>	<b>10.3%</b>
White	483	<b>89.8%</b>	<b>83.9%</b>	White	155	<b>91.2%</b>	<b>89.7%</b>
Chi-square, X-tab <sup>6</sup> : .053 not sig.				Chi-square, X-tab <sup>6</sup> : .751 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .657 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.161 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.7%</b>	<b>5.3%</b>	<b>18.4%</b>	<b>2.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>53.3%</b>	<b>10.0%</b>	<b>36.7%</b>	<b>0.0%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>71.1%</b>	<b>8.1%</b>	<b>16.8%</b>	<b>4.0%</b>			
Other	<b>83.3%</b>	<b>16.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .240 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOUTHAMPTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>294</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.3%</b>	Citations per 1000	
	Passing through:	<b>77.7%</b>	18 + residents:	<b>57.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 278)				ITP Stops <sup>3</sup> (N = 162)			
Mean age				Mean age			
<b>34.68</b>				<b>34.71</b>			
Gender %				Gender %			
Female <b>43.5%</b>				Female <b>43.2%</b>			
Male <b>56.1%</b>				Male <b>56.2%</b>			
Non-binary <b>0.4%</b>				Non-binary <b>0.6%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>4.9%</b>			
AA/Black <b>1.9%</b>				AA/Black <b>1.9%</b>			
Hispanic <b>8.7%</b>				Hispanic <b>4.5%</b>			
White <b>86.8%</b>				White <b>90.9%</b>			
Other <b>2.6%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.9%</b>	<b>0.4%</b>	<b>1.5%</b>	AA/Black	<b>1.9%</b>	<b>14.5%</b>	<b>-12.6%</b>
Hispanic	<b>8.7%</b>	<b>0.0%</b>	<b>8.7%</b>	Hispanic	<b>8.7%</b>	<b>15.2%</b>	<b>-6.5%</b>
White	<b>86.8%</b>	<b>95.6%</b>	<b>-8.8%</b>	White	<b>86.8%</b>	<b>65.1%</b>	<b>21.7%</b>
Other	<b>2.6%</b>	<b>3.9%</b>	<b>-1.3%</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	31	<b>10.4%</b>	<b>18.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	216	<b>89.6%</b>	<b>81.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .094 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .416* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.3%</b>	<b>16.7%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>79.2%</b>	<b>16.7%</b>	<b>4.2%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>75.7%</b>	<b>15.2%</b>	<b>7.0%</b>	<b>2.1%</b>			
Other	<b>71.4%</b>	<b>28.6%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .972 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOUTHBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,230</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.7%</b>	Citations per 1000	
	Passing through:	<b>90.3%</b>	18 + residents:	<b>428.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,176)				ITP Stops <sup>3</sup> (N = 1,115)			
Mean age				Mean age			
<b>38.38</b>				<b>39.12</b>			
Gender %				Gender %			
Female <b>37.2%</b>				Female <b>38.5%</b>			
Male <b>62.7%</b>				Male <b>61.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.1%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>9.4%</b>			
Hispanic <b>17.6%</b>				Hispanic <b>16.2%</b>			
White <b>59.5%</b>				White <b>61.2%</b>			
Other <b>11.6%</b>				Other <b>13.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>0.7%</b>	<b>10.6%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>17.6%</b>	<b>3.9%</b>	<b>13.7%</b>	Hispanic	<b>17.6%</b>	<b>15.2%</b>	<b>2.4%</b>
White	<b>59.5%</b>	<b>79.2%</b>	<b>-19.7%</b>	White	<b>59.5%</b>	<b>65.1%</b>	<b>-5.6%</b>
Other	<b>11.6%</b>	<b>15.5%</b>	<b>-3.9%</b>	Other	<b>11.6%</b>	<b>5.2%</b>	<b>6.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,228	<b>32.1%</b>	<b>51.9%</b>	NW	376	<b>36.2%</b>	<b>43.4%</b>
White	1,805	<b>67.9%</b>	<b>48.1%</b>	White	604	<b>63.8%</b>	<b>56.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .031* sig.			
Odds ratio Exp(B) <sup>7</sup> : .442* sig.				Odds ratio Exp(B) <sup>7</sup> : .653* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>10.8%</b>	<b>10.2%</b>	<b>1.1%</b>	NW	<b>135</b>	<b>49.1%</b>
Hispanic	<b>63.9%</b>	<b>12.5%</b>	<b>19.7%</b>	<b>3.9%</b>	White	<b>140</b>	<b>50.9%</b>
White	<b>81.4%</b>	<b>12.5%</b>	<b>5.1%</b>	<b>1.0%</b>			
Other	<b>90.2%</b>	<b>6.0%</b>	<b>3.3%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOUTHBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>947</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>56.5%</b>	Citations per 1000	
	Passing through:	<b>43.5%</b>	18 + residents:	<b>72.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 843)				ITP Stops <sup>3</sup> (N = 284)			
Mean age				Mean age			
<b>35.41</b>				<b>33.77</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>29.8%</b>			
Male <b>65.4%</b>				Male <b>70.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>8.0%</b>			
Hispanic <b>28.9%</b>				Hispanic <b>26.1%</b>			
White <b>63.2%</b>				White <b>64.5%</b>			
Other <b>1.0%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>3.4%</b>	<b>3.5%</b>	AA/Black	<b>6.9%</b>	<b>14.5%</b>	<b>-7.6%</b>
Hispanic	<b>28.9%</b>	<b>32.9%</b>	<b>-4.0%</b>	Hispanic	<b>28.9%</b>	<b>15.2%</b>	<b>13.7%</b>
White	<b>63.2%</b>	<b>62.9%</b>	<b>0.3%</b>	White	<b>63.2%</b>	<b>65.1%</b>	<b>-1.9%</b>
Other	<b>1.0%</b>	<b>4.8%</b>	<b>-3.8%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	287	<b>35.2%</b>	<b>41.3%</b>	NW	91	<b>32.3%</b>	<b>41.2%</b>
White	485	<b>64.8%</b>	<b>58.7%</b>	White	164	<b>67.7%</b>	<b>58.8%</b>
Chi-square, X-tab <sup>6</sup> :		.104	not sig.	Chi-square, X-tab <sup>6</sup> :		.147	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.781	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.689	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>23.3%</b>	<b>12.3%</b>	<b>56.2%</b>	<b>8.2%</b>	NW	<b>17</b>	<b>N/A</b>
Hispanic	<b>43.7%</b>	<b>13.7%</b>	<b>37.6%</b>	<b>4.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>52.1%</b>	<b>15.3%</b>	<b>29.7%</b>	<b>2.9%</b>			
Other	<b>87.5%</b>	<b>0.0%</b>	<b>12.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SOUTHWICK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,123</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.2%</b>	Citations per 1000	
	Passing through:	<b>73.8%</b>	18 + residents:	<b>143.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,094)				ITP Stops <sup>3</sup> (N = 283)			
Mean age				Mean age			
<b>38.84</b>				<b>36.93</b>			
Gender %				Gender %			
Female <b>37.0%</b>				Female <b>33.0%</b>			
Male <b>63.0%</b>				Male <b>67.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>3.8%</b>				AA/Black <b>2.2%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>3.6%</b>			
White <b>92.1%</b>				White <b>93.5%</b>			
Other <b>0.6%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.8%</b>	<b>0.1%</b>	<b>3.7%</b>	AA/Black	<b>3.8%</b>	<b>14.5%</b>	<b>-10.7%</b>
Hispanic	<b>3.6%</b>	<b>3.5%</b>	<b>0.1%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>92.1%</b>	<b>92.8%</b>	<b>-0.7%</b>	White	<b>92.1%</b>	<b>65.1%</b>	<b>27.0%</b>
Other	<b>0.6%</b>	<b>3.6%</b>	<b>-3.0%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	85	<b>7.1%</b>	<b>10.7%</b>	NW	17	<b>7.5%</b>	<b>6.1%</b>
White	966	<b>92.9%</b>	<b>89.3%</b>	White	231	<b>92.5%</b>	<b>93.9%</b>
Chi-square, X-tab <sup>6</sup> : .053 not sig.				Chi-square, X-tab <sup>6</sup> : .656 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .615 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.084 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.9%</b>	<b>11.9%</b>	<b>26.2%</b>	<b>0.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>64.3%</b>	<b>14.3%</b>	<b>14.3%</b>	<b>7.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>82.7%</b>	<b>11.4%</b>	<b>4.5%</b>	<b>1.5%</b>			
Other	<b>50.0%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SPENCER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>405</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>33.7%</b>	Citations per 1000	
	Passing through:	<b>66.3%</b>	18 + residents:	<b>40.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 377)				ITP Stops <sup>3</sup> (N = 142)			
Mean age				Mean age			
<b>35.13</b>				<b>36.4</b>			
Gender %				Gender %			
Female <b>39.6%</b>				Female <b>40.0%</b>			
Male <b>60.2%</b>				Male <b>60.0%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>11.7%</b>				Hispanic <b>7.9%</b>			
White <b>79.3%</b>				White <b>87.1%</b>			
Other <b>1.4%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>1.0%</b>	<b>6.5%</b>	AA/Black	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
Hispanic	<b>11.7%</b>	<b>3.3%</b>	<b>8.4%</b>	Hispanic	<b>11.7%</b>	<b>15.2%</b>	<b>-3.5%</b>
White	<b>79.3%</b>	<b>90.0%</b>	<b>-10.7%</b>	White	<b>79.3%</b>	<b>65.1%</b>	<b>14.2%</b>
Other	<b>1.4%</b>	<b>5.8%</b>	<b>-4.4%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	71	<b>11.2%</b>	<b>40.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	267	<b>88.8%</b>	<b>60.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.174*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>36.7%</b>	<b>20.0%</b>	<b>23.3%</b>	<b>20.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>48.8%</b>	<b>18.6%</b>	<b>25.6%</b>	<b>7.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>57.7%</b>	<b>18.6%</b>	<b>17.3%</b>	<b>6.5%</b>			
Other	<b>60.0%</b>	<b>40.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.142	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SPRINGFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>13,794</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>68.8%</b>	Citations per 1000	
	Passing through:	<b>31.2%</b>	18 + residents:	<b>119.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 12,809)				ITP Stops <sup>3</sup> (N = 4,532)			
Mean age				Mean age			
<b>36.89</b>				<b>36.25</b>			
Gender %				Gender %			
Female <b>41.1%</b>				Female <b>41.4%</b>			
Male <b>58.8%</b>				Male <b>58.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>27.7%</b>				AA/Black <b>28.0%</b>			
Hispanic <b>25.3%</b>				Hispanic <b>28.2%</b>			
White <b>45.5%</b>				White <b>42.3%</b>			
Other <b>1.4%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>27.7%</b>	<b>20.9%</b>	<b>6.8%</b>	AA/Black	<b>27.7%</b>	<b>14.5%</b>	<b>13.2%</b>
Hispanic	<b>25.3%</b>	<b>45.0%</b>	<b>-19.7%</b>	Hispanic	<b>25.3%</b>	<b>15.2%</b>	<b>10.1%</b>
White	<b>45.5%</b>	<b>31.2%</b>	<b>14.3%</b>	White	<b>45.5%</b>	<b>65.1%</b>	<b>-19.6%</b>
Other	<b>1.4%</b>	<b>7.6%</b>	<b>-6.2%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	6,013	<b>55.8%</b>	<b>57.1%</b>	NW	2,359	<b>59.4%</b>	<b>55.0%</b>
White	4,678	<b>44.2%</b>	<b>42.9%</b>	White	1,740	<b>40.6%</b>	<b>45.0%</b>
Chi-square, X-tab <sup>6</sup> :		.187	not sig.	Chi-square, X-tab <sup>6</sup> :		.005*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.930	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.938	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.5%</b>	<b>24.6%</b>	<b>10.8%</b>	<b>0.1%</b>	NW	<b>27</b>	<b>N/A</b>
Hispanic	<b>66.6%</b>	<b>32.4%</b>	<b>1.0%</b>	<b>0.0%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>62.1%</b>	<b>24.3%</b>	<b>13.5%</b>	<b>0.0%</b>			
Other	<b>72.4%</b>	<b>25.0%</b>	<b>2.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STERLING POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>307</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.2%</b>	Citations per 1000	
	Passing through:	<b>72.8%</b>	18 + residents:	<b>48.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 287)				ITP Stops <sup>3</sup> (N = 94)			
Mean age				Mean age			
<b>36.51</b>				<b>34.03</b>			
Gender %				Gender %			
Female <b>36.4%</b>				Female <b>29.8%</b>			
Male <b>63.6%</b>				Male <b>70.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>8.2%</b>				AA/Black <b>7.9%</b>			
Hispanic <b>15.3%</b>				Hispanic <b>12.4%</b>			
White <b>73.9%</b>				White <b>77.5%</b>			
Other <b>2.6%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.2%</b>	<b>1.3%</b>	<b>6.9%</b>	AA/Black	<b>8.2%</b>	<b>14.5%</b>	<b>-6.3%</b>
Hispanic	<b>15.3%</b>	<b>5.1%</b>	<b>10.2%</b>	Hispanic	<b>15.3%</b>	<b>15.2%</b>	<b>0.1%</b>
White	<b>73.9%</b>	<b>92.4%</b>	<b>-18.5%</b>	White	<b>73.9%</b>	<b>65.1%</b>	<b>8.8%</b>
Other	<b>2.6%</b>	<b>1.5%</b>	<b>1.1%</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	<b>22.6%</b>	<b>39.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	187	<b>77.4%</b>	<b>61.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.012*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.467*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>4.0%</b>	<b>20.0%</b>	<b>16.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.6%</b>	<b>20.9%</b>	<b>51.2%</b>	<b>2.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>59.2%</b>	<b>17.8%</b>	<b>15.5%</b>	<b>7.5%</b>			
Other	<b>71.4%</b>	<b>0.0%</b>	<b>28.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STOCKBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>834</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.9%</b>	Citations per 1000	
	Passing through:	<b>94.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 793)				ITP Stops <sup>3</sup> (N = 313)			
Mean age				Mean age			
<b>45.73</b>				<b>41.69</b>			
Gender %				Gender %			
Female <b>45.8%</b>				Female <b>38.7%</b>			
Male <b>54.1%</b>				Male <b>61.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>5.7%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>2.2%</b>				Hispanic <b>2.6%</b>			
White <b>91.2%</b>				White <b>88.7%</b>			
Other <b>0.9%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.7%</b>	<b>14.5%</b>	<b>-8.8%</b>
Hispanic	<b>2.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.2%</b>	<b>15.2%</b>	<b>-13.0%</b>
White	<b>91.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>91.2%</b>	<b>65.1%</b>	<b>26.1%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	<b>7.5%</b>	<b>12.7%</b>	NW	30	<b>10.6%</b>	<b>12.5%</b>
White	665	<b>92.5%</b>	<b>87.3%</b>	White	242	<b>89.4%</b>	<b>87.5%</b>
Chi-square, X-tab <sup>6</sup> : .056 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .693 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .537 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .865 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>89.4%</b>	<b>2.1%</b>	<b>8.5%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>77.8%</b>	<b>11.1%</b>	<b>11.1%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>93.5%</b>	<b>4.0%</b>	<b>2.4%</b>	<b>0.1%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .129 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STONEHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>573</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.7%</b>	Citations per 1000	
	Passing through:	<b>71.3%</b>	18 + residents:	<b>28.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 543)				ITP Stops <sup>3</sup> (N = 174)			
Mean age				Mean age			
<b>43.52</b>				<b>42.74</b>			
Gender %				Gender %			
Female <b>40.5%</b>				Female <b>35.5%</b>			
Male <b>59.5%</b>				Male <b>64.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.9%</b>				Race % Mis/Unk <sup>4</sup> <b>9.2%</b>			
AA/Black <b>4.8%</b>				AA/Black <b>4.4%</b>			
Hispanic <b>3.2%</b>				Hispanic <b>2.5%</b>			
White <b>87.8%</b>				White <b>87.3%</b>			
Other <b>4.2%</b>				Other <b>5.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>3.0%</b>	<b>1.8%</b>	AA/Black	<b>4.8%</b>	<b>14.5%</b>	<b>-9.7%</b>
Hispanic	<b>3.2%</b>	<b>3.3%</b>	<b>-0.1%</b>	Hispanic	<b>3.2%</b>	<b>15.2%</b>	<b>-12.0%</b>
White	<b>87.8%</b>	<b>87.7%</b>	<b>0.1%</b>	White	<b>87.8%</b>	<b>65.1%</b>	<b>22.7%</b>
Other	<b>4.2%</b>	<b>5.6%</b>	<b>-1.4%</b>	Other	<b>4.2%</b>	<b>5.2%</b>	<b>-1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	<b>11.7%</b>	<b>12.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	401	<b>88.3%</b>	<b>87.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.873	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.822	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.1%</b>	<b>3.8%</b>	<b>19.2%</b>	<b>3.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>63.2%</b>	<b>0.0%</b>	<b>36.8%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>83.7%</b>	<b>5.2%</b>	<b>10.0%</b>	<b>1.1%</b>			
Other	<b>90.9%</b>	<b>4.5%</b>	<b>4.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.027*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STOUGHTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,458</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.1%</b>	Citations per 1000	
	Passing through:	<b>69.9%</b>	18 + residents:	<b>62.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,318)				ITP Stops <sup>3</sup> (N = 380)			
Mean age				Mean age			
<b>40.57</b>				<b>39.81</b>			
Gender %				Gender %			
Female <b>38.0%</b>				Female <b>41.1%</b>			
Male <b>62.0%</b>				Male <b>58.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>37.8%</b>				AA/Black <b>41.2%</b>			
Hispanic <b>4.3%</b>				Hispanic <b>2.7%</b>			
White <b>54.5%</b>				White <b>54.0%</b>			
Other <b>3.5%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>37.8%</b>	<b>15.0%</b>	<b>22.8%</b>	AA/Black	<b>37.8%</b>	<b>14.5%</b>	<b>23.3%</b>
Hispanic	<b>4.3%</b>	<b>3.8%</b>	<b>0.5%</b>	Hispanic	<b>4.3%</b>	<b>15.2%</b>	<b>-10.9%</b>
White	<b>54.5%</b>	<b>71.5%</b>	<b>-17.0%</b>	White	<b>54.5%</b>	<b>65.1%</b>	<b>-10.6%</b>
Other	<b>3.5%</b>	<b>8.9%</b>	<b>-5.4%</b>	Other	<b>3.5%</b>	<b>5.2%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	533	<b>42.8%</b>	<b>51.8%</b>	NW	154	<b>44.4%</b>	<b>44.9%</b>
White	654	<b>57.2%</b>	<b>48.2%</b>	White	192	<b>55.6%</b>	<b>55.1%</b>
Chi-square, X-tab <sup>6</sup> :		.009*	sig.	Chi-square, X-tab <sup>6</sup> :		.924	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.704*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.944	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.6%</b>	<b>17.7%</b>	<b>19.7%</b>	<b>0.9%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>28.4%</b>	<b>38.8%</b>	<b>32.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>67.3%</b>	<b>18.8%</b>	<b>12.6%</b>	<b>1.2%</b>			
Other	<b>76.1%</b>	<b>13.0%</b>	<b>10.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STOW POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>370</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.9%</b>	Citations per 1000	
	Passing through:	<b>82.1%</b>	18 + residents:	<b>69.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 351)				ITP Stops <sup>3</sup> (N = 192)			
Mean age				Mean age			
<b>40.84</b>				<b>39.99</b>			
Gender %				Gender %			
Female <b>37.1%</b>				Female <b>34.4%</b>			
Male <b>62.9%</b>				Male <b>65.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>5.8%</b>			
Hispanic <b>7.8%</b>				Hispanic <b>11.5%</b>			
White <b>84.4%</b>				White <b>80.6%</b>			
Other <b>3.7%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>0.0%</b>	<b>4.0%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>7.8%</b>	<b>2.9%</b>	<b>4.9%</b>	Hispanic	<b>7.8%</b>	<b>15.2%</b>	<b>-7.4%</b>
White	<b>84.4%</b>	<b>88.4%</b>	<b>-4.0%</b>	White	<b>84.4%</b>	<b>65.1%</b>	<b>19.3%</b>
Other	<b>3.7%</b>	<b>5.7%</b>	<b>-2.0%</b>	Other	<b>3.7%</b>	<b>5.2%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>13.3%</b>	<b>18.8%</b>	NW	31	<b>18.5%</b>	<b>19.7%</b>
White	271	<b>86.7%</b>	<b>81.2%</b>	White	132	<b>81.5%</b>	<b>80.3%</b>
Chi-square, X-tab <sup>6</sup> :		.200	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.841	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.756	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.233	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>7.1%</b>	<b>35.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>53.3%</b>	<b>0.0%</b>	<b>46.7%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>84.7%</b>	<b>3.6%</b>	<b>10.4%</b>	<b>1.3%</b>			
Other	<b>84.6%</b>	<b>15.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### STURBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,695</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.3%</b>	Citations per 1000	
	Passing through:	<b>87.7%</b>	18 + residents:	<b>514.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,607)				ITP Stops <sup>3</sup> (N = 1,154)			
Mean age				Mean age			
<b>37.81</b>				<b>37.84</b>			
Gender %				Gender %			
Female <b>38.9%</b>				Female <b>36.2%</b>			
Male <b>60.9%</b>				Male <b>63.6%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>7.6%</b>				AA/Black <b>6.1%</b>			
Hispanic <b>12.0%</b>				Hispanic <b>10.8%</b>			
White <b>76.9%</b>				White <b>80.4%</b>			
Other <b>3.4%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>0.8%</b>	<b>6.8%</b>	AA/Black	<b>7.6%</b>	<b>14.5%</b>	<b>-6.9%</b>
Hispanic	<b>12.0%</b>	<b>3.0%</b>	<b>9.0%</b>	Hispanic	<b>12.0%</b>	<b>15.2%</b>	<b>-3.2%</b>
White	<b>76.9%</b>	<b>92.2%</b>	<b>-15.3%</b>	White	<b>76.9%</b>	<b>65.1%</b>	<b>11.8%</b>
Other	<b>3.4%</b>	<b>3.4%</b>	<b>0.0%</b>	Other	<b>3.4%</b>	<b>5.2%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	797	<b>16.2%</b>	<b>32.0%</b>	NW	198	<b>18.2%</b>	<b>21.7%</b>
White	2,634	<b>83.8%</b>	<b>68.0%</b>	White	809	<b>81.8%</b>	<b>78.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .176 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .392* sig.				Odds ratio Exp(B) <sup>7</sup> : .756 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.8%</b>	<b>13.7%</b>	<b>15.8%</b>	<b>4.6%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>66.6%</b>	<b>10.9%</b>	<b>20.9%</b>	<b>1.6%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>83.7%</b>	<b>8.2%</b>	<b>6.2%</b>	<b>1.9%</b>			
Other	<b>80.8%</b>	<b>12.0%</b>	<b>6.4%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SUDBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,803</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.8%</b>	Citations per 1000	
	Passing through:	<b>71.2%</b>	18 + residents:	<b>127.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,743)				ITP Stops <sup>3</sup> (N = 622)			
Mean age				Mean age			
<b>40.01</b>				<b>40.53</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>40.1%</b>			
Male <b>58.7%</b>				Male <b>59.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>8.1%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>11.6%</b>				Hispanic <b>13.1%</b>			
White <b>72.9%</b>				White <b>73.3%</b>			
Other <b>7.4%</b>				Other <b>7.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.1%</b>	<b>1.8%</b>	<b>6.3%</b>	AA/Black	<b>8.1%</b>	<b>14.5%</b>	<b>-6.4%</b>
Hispanic	<b>11.6%</b>	<b>2.5%</b>	<b>9.1%</b>	Hispanic	<b>11.6%</b>	<b>15.2%</b>	<b>-3.6%</b>
White	<b>72.9%</b>	<b>82.5%</b>	<b>-9.6%</b>	White	<b>72.9%</b>	<b>65.1%</b>	<b>7.8%</b>
Other	<b>7.4%</b>	<b>13.3%</b>	<b>-5.9%</b>	Other	<b>7.4%</b>	<b>5.2%</b>	<b>2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	439	<b>24.7%</b>	<b>34.4%</b>	NW	149	<b>26.8%</b>	<b>28.4%</b>
White	1,167	<b>75.3%</b>	<b>65.6%</b>	White	397	<b>73.2%</b>	<b>71.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .685 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .614* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.155 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.3%</b>	<b>4.9%</b>	<b>12.5%</b>	<b>1.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>68.6%</b>	<b>8.8%</b>	<b>21.6%</b>	<b>1.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>87.9%</b>	<b>6.6%</b>	<b>5.0%</b>	<b>0.5%</b>			
Other	<b>91.6%</b>	<b>6.1%</b>	<b>2.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SUNDERLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>224</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.0%</b>	Citations per 1000	
	Passing through:	<b>81.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 210)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.64</b>				<b>N/A</b>			
Gender	%			Gender	%		
Female	<b>46.4%</b>			Female	<b>N/A</b>		
Male	<b>53.1%</b>			Male	<b>N/A</b>		
Non-binary	<b>0.4%</b>			Non-binary	<b>N/A</b>		
Race	%	Mis/Unk <sup>4</sup>	<b>3.3%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black	<b>6.4%</b>			AA/Black	<b>N/A</b>		
Hispanic	<b>3.9%</b>			Hispanic	<b>N/A</b>		
White	<b>85.2%</b>			White	<b>N/A</b>		
Other	<b>4.4%</b>			Other	<b>N/A</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
Hispanic	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.9%</b>	<b>15.2%</b>	<b>-11.3%</b>
White	<b>85.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.2%</b>	<b>65.1%</b>	<b>20.1%</b>
Other	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.4%</b>	<b>5.2%</b>	<b>-0.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	NW	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
White	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	White	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.0%</b>	<b>6.3%</b>	<b>18.8%</b>	<b>0.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>64.1%</b>	<b>17.1%</b>	<b>14.9%</b>	<b>3.9%</b>			
Other	<b>33.3%</b>	<b>55.6%</b>	<b>11.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.012 *	sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SUTTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>784</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.4%</b>	Citations per 1000	
	Passing through:	<b>90.6%</b>	18 + residents:	<b>107.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 725)				ITP Stops <sup>3</sup> (N = 221)			
Mean age				Mean age			
<b>36.01</b>				<b>36.96</b>			
Gender %				Gender %			
Female <b>30.0%</b>				Female <b>25.7%</b>			
Male <b>69.7%</b>				Male <b>74.3%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>11.6%</b>				AA/Black <b>11.1%</b>			
Hispanic <b>10.3%</b>				Hispanic <b>7.4%</b>			
White <b>76.5%</b>				White <b>80.2%</b>			
Other <b>1.6%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.6%</b>	<b>2.2%</b>	<b>9.4%</b>	AA/Black	<b>11.6%</b>	<b>14.5%</b>	<b>-2.9%</b>
Hispanic	<b>10.3%</b>	<b>1.6%</b>	<b>8.7%</b>	Hispanic	<b>10.3%</b>	<b>15.2%</b>	<b>-4.9%</b>
White	<b>76.5%</b>	<b>92.3%</b>	<b>-15.8%</b>	White	<b>76.5%</b>	<b>65.1%</b>	<b>11.4%</b>
Other	<b>1.6%</b>	<b>3.8%</b>	<b>-2.2%</b>	Other	<b>1.6%</b>	<b>5.2%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	151	<b>23.1%</b>	<b>24.5%</b>	NW	35	<b>20.2%</b>	<b>17.1%</b>
White	490	<b>76.9%</b>	<b>75.5%</b>	White	150	<b>79.8%</b>	<b>82.9%</b>
Chi-square, X-tab <sup>6</sup> :		.698	not sig.	Chi-square, X-tab <sup>6</sup> :		.599	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.901	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.223	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>16.5%</b>	<b>23.1%</b>	<b>52.7%</b>	<b>7.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>27.3%</b>	<b>7.8%</b>	<b>59.7%</b>	<b>5.2%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>46.1%</b>	<b>24.9%</b>	<b>24.2%</b>	<b>4.8%</b>			
Other	<b>35.7%</b>	<b>21.4%</b>	<b>28.6%</b>	<b>14.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SWAMPSCOTT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,475</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>123.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,442)				ITP Stops <sup>3</sup> (N = 399)			
Mean age				Mean age			
<b>42.18</b>				<b>39.83</b>			
Gender %				Gender %			
Female <b>43.3%</b>				Female <b>41.7%</b>			
Male <b>56.6%</b>				Male <b>58.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>3.5%</b>			
AA/Black <b>10.5%</b>				AA/Black <b>12.5%</b>			
Hispanic <b>20.7%</b>				Hispanic <b>19.7%</b>			
White <b>64.0%</b>				White <b>63.4%</b>			
Other <b>4.7%</b>				Other <b>4.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>1.5%</b>	<b>9.0%</b>	AA/Black	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
Hispanic	<b>20.7%</b>	<b>2.5%</b>	<b>18.2%</b>	Hispanic	<b>20.7%</b>	<b>15.2%</b>	<b>5.5%</b>
White	<b>64.0%</b>	<b>91.7%</b>	<b>-27.7%</b>	White	<b>64.0%</b>	<b>65.1%</b>	<b>-1.1%</b>
Other	<b>4.7%</b>	<b>4.3%</b>	<b>0.4%</b>	Other	<b>4.7%</b>	<b>5.2%</b>	<b>-0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	487	<b>29.5%</b>	<b>49.9%</b>	NW	118	<b>38.2%</b>	<b>30.9%</b>
White	872	<b>70.5%</b>	<b>50.1%</b>	White	209	<b>61.8%</b>	<b>69.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .211 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .429* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.497 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.0%</b>	<b>6.0%</b>	<b>6.7%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>73.0%</b>	<b>8.7%</b>	<b>13.5%</b>	<b>4.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>87.3%</b>	<b>7.7%</b>	<b>4.0%</b>	<b>1.0%</b>			
Other	<b>94.0%</b>	<b>4.5%</b>	<b>1.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### SWANSEA POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,501</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.3%</b>	Citations per 1000	
	Passing through:	<b>72.7%</b>	18 + residents:	<b>108.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,248)				ITP Stops <sup>3</sup> (N = 374)			
Mean age				Mean age			
<b>39.89</b>				<b>39.58</b>			
Gender %				Gender %			
Female <b>40.8%</b>				Female <b>35.3%</b>			
Male <b>59.2%</b>				Male <b>64.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>2.4%</b>			
Hispanic <b>2.3%</b>				Hispanic <b>2.7%</b>			
White <b>92.3%</b>				White <b>93.3%</b>			
Other <b>1.5%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>0.2%</b>	<b>3.8%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>2.3%</b>	<b>0.5%</b>	<b>1.8%</b>	Hispanic	<b>2.3%</b>	<b>15.2%</b>	<b>-12.9%</b>
White	<b>92.3%</b>	<b>96.4%</b>	<b>-4.1%</b>	White	<b>92.3%</b>	<b>65.1%</b>	<b>27.2%</b>
Other	<b>1.5%</b>	<b>2.8%</b>	<b>-1.3%</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	86	<b>6.2%</b>	<b>9.2%</b>	NW	18	<b>4.1%</b>	<b>6.5%</b>
White	1,103	<b>93.8%</b>	<b>90.8%</b>	White	315	<b>95.9%</b>	<b>93.5%</b>
Chi-square, X-tab <sup>6</sup> : .061 not sig.				Chi-square, X-tab <sup>6</sup> : .342 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .552* sig.				Odds ratio Exp(B) <sup>7</sup> : .429 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.1%</b>	<b>3.0%</b>	<b>17.9%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>5.7%</b>	<b>34.3%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>88.1%</b>	<b>5.0%</b>	<b>5.6%</b>	<b>1.2%</b>			
Other	<b>78.3%</b>	<b>8.7%</b>	<b>13.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TAUNTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>742</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>51.2%</b>	Citations per 1000	
	Passing through:	<b>48.8%</b>	18 + residents:	<b>16.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 576)				ITP Stops <sup>3</sup> (N = 164)			
Mean age				Mean age			
<b>37.56</b>				<b>37.54</b>			
Gender %				Gender %			
Female <b>38.0%</b>				Female <b>40.6%</b>			
Male <b>61.8%</b>				Male <b>59.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.6%</b>				Race % Mis/Unk <sup>4</sup> <b>3.7%</b>			
AA/Black <b>22.2%</b>				AA/Black <b>18.4%</b>			
Hispanic <b>2.5%</b>				Hispanic <b>1.3%</b>			
White <b>74.6%</b>				White <b>79.7%</b>			
Other <b>0.7%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>22.2%</b>	<b>8.8%</b>	<b>13.4%</b>	AA/Black	<b>22.2%</b>	<b>14.5%</b>	<b>7.7%</b>
Hispanic	<b>2.5%</b>	<b>9.0%</b>	<b>-6.5%</b>	Hispanic	<b>2.5%</b>	<b>15.2%</b>	<b>-12.7%</b>
White	<b>74.6%</b>	<b>75.0%</b>	<b>-0.4%</b>	White	<b>74.6%</b>	<b>65.1%</b>	<b>9.5%</b>
Other	<b>0.7%</b>	<b>5.9%</b>	<b>-5.2%</b>	Other	<b>0.7%</b>	<b>5.2%</b>	<b>-4.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	122	<b>25.5%</b>	<b>23.0%</b>	NW	26	<b>20.4%</b>	<b>13.0%</b>
White	374	<b>74.5%</b>	<b>77.0%</b>	White	118	<b>79.6%</b>	<b>87.0%</b>
Chi-square, X-tab <sup>6</sup> :		.545	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.284	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		1.368	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.787	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>48.2%</b>	<b>17.7%</b>	<b>29.3%</b>	<b>4.9%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>47.4%</b>	<b>10.5%</b>	<b>36.8%</b>	<b>5.3%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>57.3%</b>	<b>14.5%</b>	<b>24.2%</b>	<b>4.0%</b>			
Other	<b>50.0%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.736	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TEMPLETON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>518</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.6%</b>	Citations per 1000	
	Passing through:	<b>88.4%</b>	18 + residents:	<b>79.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 501)				ITP Stops <sup>3</sup> (N = 213)			
Mean age				Mean age			
<b>37.2</b>				<b>36.2</b>			
Gender %				Gender %			
Female <b>39.0%</b>				Female <b>30.5%</b>			
Male <b>61.0%</b>				Male <b>69.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>3.8%</b>			
AA/Black <b>4.3%</b>				AA/Black <b>4.4%</b>			
Hispanic <b>2.7%</b>				Hispanic <b>1.5%</b>			
White <b>92.6%</b>				White <b>94.1%</b>			
Other <b>0.4%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>0.0%</b>	<b>4.3%</b>	AA/Black	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
Hispanic	<b>2.7%</b>	<b>2.9%</b>	<b>-0.2%</b>	Hispanic	<b>2.7%</b>	<b>15.2%</b>	<b>-12.5%</b>
White	<b>92.6%</b>	<b>94.6%</b>	<b>-2.0%</b>	White	<b>92.6%</b>	<b>65.1%</b>	<b>27.5%</b>
Other	<b>0.4%</b>	<b>2.5%</b>	<b>-2.1%</b>	Other	<b>0.4%</b>	<b>5.2%</b>	<b>-4.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>8.0%</b>	<b>6.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	434	<b>92.0%</b>	<b>93.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.489	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.509	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.2%</b>	<b>8.7%</b>	<b>39.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>21.4%</b>	<b>28.6%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>64.4%</b>	<b>22.9%</b>	<b>10.2%</b>	<b>2.6%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.005 *	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TEWKSBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,637</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.1%</b>	Citations per 1000	
	Passing through:	<b>72.9%</b>	18 + residents:	<b>144.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,435)				ITP Stops <sup>3</sup> (N = 548)			
Mean age				Mean age			
<b>38.39</b>				<b>38.82</b>			
Gender %				Gender %			
Female <b>41.1%</b>				Female <b>36.7%</b>			
Male <b>58.8%</b>				Male <b>63.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>9.8%</b>				AA/Black <b>12.8%</b>			
Hispanic <b>15.3%</b>				Hispanic <b>14.8%</b>			
White <b>69.0%</b>				White <b>66.7%</b>			
Other <b>5.9%</b>				Other <b>5.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>2.4%</b>	<b>7.4%</b>	AA/Black	<b>9.8%</b>	<b>14.5%</b>	<b>-4.7%</b>
Hispanic	<b>15.3%</b>	<b>2.2%</b>	<b>13.1%</b>	Hispanic	<b>15.3%</b>	<b>15.2%</b>	<b>0.1%</b>
White	<b>69.0%</b>	<b>90.1%</b>	<b>-21.1%</b>	White	<b>69.0%</b>	<b>65.1%</b>	<b>3.9%</b>
Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,024	<b>28.1%</b>	<b>40.1%</b>	NW	158	<b>33.5%</b>	<b>32.6%</b>
White	2,284	<b>71.9%</b>	<b>59.9%</b>	White	320	<b>66.5%</b>	<b>67.4%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.847	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.585*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.122	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.5%</b>	<b>3.9%</b>	<b>8.4%</b>	<b>5.3%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>79.1%</b>	<b>5.9%</b>	<b>11.0%</b>	<b>4.0%</b>	White	<b>17</b>	<b>N/A</b>
White	<b>86.4%</b>	<b>5.7%</b>	<b>4.8%</b>	<b>3.2%</b>			
Other	<b>91.0%</b>	<b>6.2%</b>	<b>1.9%</b>	<b>1.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TISBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>179</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.9%</b>	Citations per 1000	
	Passing through:	<b>61.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 113)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.15</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>24.3%</b>				Female <b>N/A</b>			
Male <b>74.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.9%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>11.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.0%</b>				Hispanic <b>N/A</b>			
White <b>88.1%</b>				White <b>N/A</b>			
Other <b>0.9%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.0%</b>	<b>14.5%</b>	<b>-3.5%</b>
Hispanic	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.0%</b>	<b>15.2%</b>	<b>-15.2%</b>
White	<b>88.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>88.1%</b>	<b>65.1%</b>	<b>23.0%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>36.8%</b>	<b>21.1%</b>	<b>42.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>37.9%</b>	<b>11.1%</b>	<b>41.8%</b>	<b>9.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.575 not sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TOLLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>184</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.4%</b>	Citations per 1000	
	Passing through:	<b>94.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 184)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.77</b>				<b>N/A</b>			
Gender	%			Gender	%		
Female	<b>29.8%</b>			Female	<b>N/A</b>		
Male	<b>70.2%</b>			Male	<b>N/A</b>		
Non-binary	<b>0.0%</b>			Non-binary	<b>N/A</b>		
Race	%	Mis/Unk <sup>4</sup>	<b>10.9%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black	<b>1.8%</b>			AA/Black	<b>N/A</b>		
Hispanic	<b>1.2%</b>			Hispanic	<b>N/A</b>		
White	<b>93.3%</b>			White	<b>N/A</b>		
Other	<b>3.7%</b>			Other	<b>N/A</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.8%</b>	<b>14.5%</b>	<b>-12.7%</b>
Hispanic	<b>1.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>1.2%</b>	<b>15.2%</b>	<b>-14.0%</b>
White	<b>93.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>93.3%</b>	<b>65.1%</b>	<b>28.2%</b>
Other	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.7%</b>	<b>5.2%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	NW	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
White	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	White	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>54.2%</b>	<b>35.3%</b>	<b>10.5%</b>	<b>0.0%</b>			
Other	<b>16.7%</b>	<b>66.7%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.154	not sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TOPSFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>509</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.6%</b>	Citations per 1000	
	Passing through:	<b>91.4%</b>	18 + residents:	<b>103.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 498)				ITP Stops <sup>3</sup> (N = 111)			
Mean age				Mean age			
<b>39.16</b>				<b>37.83</b>			
Gender %				Gender %			
Female <b>32.6%</b>				Female <b>21.9%</b>			
Male <b>67.4%</b>				Male <b>78.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>3.7%</b>				AA/Black <b>1.8%</b>			
Hispanic <b>16.3%</b>				Hispanic <b>26.4%</b>			
White <b>78.2%</b>				White <b>70.0%</b>			
Other <b>1.8%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>0.1%</b>	<b>3.6%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>16.3%</b>	<b>1.7%</b>	<b>14.6%</b>	Hispanic	<b>16.3%</b>	<b>15.2%</b>	<b>1.1%</b>
White	<b>78.2%</b>	<b>94.8%</b>	<b>-16.6%</b>	White	<b>78.2%</b>	<b>65.1%</b>	<b>13.1%</b>
Other	<b>1.8%</b>	<b>3.4%</b>	<b>-1.6%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	102	<b>20.1%</b>	<b>26.8%</b>	NW	28	<b>38.8%</b>	<b>19.6%</b>
White	368	<b>79.9%</b>	<b>73.2%</b>	White	67	<b>61.2%</b>	<b>80.4%</b>
Chi-square, X-tab <sup>6</sup> : .135 not sig.				Chi-square, X-tab <sup>6</sup> : .040* sig.			
Odds ratio Exp(B) <sup>7</sup> : .734 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.261 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.1%</b>	<b>5.6%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>31.3%</b>	<b>6.0%</b>	<b>57.8%</b>	<b>4.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>73.4%</b>	<b>10.5%</b>	<b>11.5%</b>	<b>4.6%</b>			
Other	<b>55.6%</b>	<b>11.1%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TOWNSEND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>156</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>54.3%</b>	Citations per 1000	
	Passing through:	<b>45.7%</b>	18 + residents:	<b>9.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 127)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.07</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>N/A</b>			
Male <b>72.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>9.2%</b>				Hispanic <b>N/A</b>			
White <b>85.0%</b>				White <b>N/A</b>			
Other <b>1.7%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>1.6%</b>	<b>2.6%</b>	AA/Black	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
Hispanic	<b>9.2%</b>	<b>5.0%</b>	<b>4.2%</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>85.0%</b>	<b>91.1%</b>	<b>-6.1%</b>	White	<b>85.0%</b>	<b>65.1%</b>	<b>19.9%</b>
Other	<b>1.7%</b>	<b>2.3%</b>	<b>-0.6%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	<b>12.6%</b>	<b>19.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	97	<b>87.4%</b>	<b>80.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.398	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.658	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>16.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>10.0%</b>	<b>60.0%</b>	<b>5.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>53.0%</b>	<b>20.5%</b>	<b>23.1%</b>	<b>3.4%</b>			
Other	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.027*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TRURO POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>318</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.4%</b>	Citations per 1000	
	Passing through:	<b>92.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 302)				ITP Stops <sup>3</sup> (N = 123)			
Mean age				Mean age			
<b>37.1</b>				<b>37.79</b>			
Gender %				Gender %			
Female <b>26.3%</b>				Female <b>21.1%</b>			
Male <b>73.7%</b>				Male <b>78.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>18.0%</b>				AA/Black <b>16.3%</b>			
Hispanic <b>4.4%</b>				Hispanic <b>5.7%</b>			
White <b>72.9%</b>				White <b>72.4%</b>			
Other <b>4.7%</b>				Other <b>5.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.0%</b>	<b>14.5%</b>	<b>3.5%</b>
Hispanic	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.4%</b>	<b>15.2%</b>	<b>-10.8%</b>
White	<b>72.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>72.9%</b>	<b>65.1%</b>	<b>7.8%</b>
Other	<b>4.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.7%</b>	<b>5.2%</b>	<b>-0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	73	<b>23.5%</b>	<b>33.7%</b>	NW	30	<b>24.1%</b>	<b>37.0%</b>
White	199	<b>76.5%</b>	<b>66.3%</b>	White	80	<b>75.9%</b>	<b>63.0%</b>
Chi-square, X-tab <sup>6</sup> :		.075	not sig.	Chi-square, X-tab <sup>6</sup> :		.190	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.599	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.798	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.8%</b>	<b>22.6%</b>	<b>22.6%</b>	<b>1.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>38.5%</b>	<b>23.1%</b>	<b>38.5%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>43.7%</b>	<b>30.7%</b>	<b>22.9%</b>	<b>2.6%</b>			
Other	<b>71.4%</b>	<b>14.3%</b>	<b>14.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.570	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### TYNGBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>844</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.8%</b>	Citations per 1000	
	Passing through:	<b>80.2%</b>	18 + residents:	<b>83.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 809)				ITP Stops <sup>3</sup> (N = 383)			
Mean age				Mean age			
<b>36.59</b>				<b>38.49</b>			
Gender %				Gender %			
Female <b>36.0%</b>				Female <b>32.8%</b>			
Male <b>64.0%</b>				Male <b>67.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>7.7%</b>			
Hispanic <b>8.0%</b>				Hispanic <b>6.1%</b>			
White <b>75.5%</b>				White <b>75.7%</b>			
Other <b>9.7%</b>				Other <b>10.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>0.9%</b>	<b>5.9%</b>	AA/Black	<b>6.8%</b>	<b>14.5%</b>	<b>-7.7%</b>
Hispanic	<b>8.0%</b>	<b>4.5%</b>	<b>3.5%</b>	Hispanic	<b>8.0%</b>	<b>15.2%</b>	<b>-7.2%</b>
White	<b>75.5%</b>	<b>83.6%</b>	<b>-8.1%</b>	White	<b>75.5%</b>	<b>65.1%</b>	<b>10.4%</b>
Other	<b>9.7%</b>	<b>10.9%</b>	<b>-1.2%</b>	Other	<b>9.7%</b>	<b>5.2%</b>	<b>4.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	178	<b>22.4%</b>	<b>27.3%</b>	NW	77	<b>19.9%</b>	<b>27.2%</b>
White	543	<b>77.6%</b>	<b>72.7%</b>	White	256	<b>80.1%</b>	<b>72.8%</b>
Chi-square, X-tab <sup>6</sup> : .128 not sig.				Chi-square, X-tab <sup>6</sup> : .116 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .812 not sig.				Odds ratio Exp(B) <sup>7</sup> : .682 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.5%</b>	<b>9.1%</b>	<b>3.6%</b>	<b>1.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>65.6%</b>	<b>7.8%</b>	<b>23.4%</b>	<b>3.1%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>82.9%</b>	<b>5.7%</b>	<b>9.0%</b>	<b>2.4%</b>			
Other	<b>89.6%</b>	<b>3.9%</b>	<b>6.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .007* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### UPTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,010</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.2%</b>	Citations per 1000	
	Passing through:	<b>87.8%</b>	18 + residents:	<b>166.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 974)				ITP Stops <sup>3</sup> (N = 430)			
Mean age				Mean age			
<b>37.13</b>				<b>36.83</b>			
Gender %				Gender %			
Female <b>38.9%</b>				Female <b>36.2%</b>			
Male <b>61.1%</b>				Male <b>63.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>4.0%</b>			
Hispanic <b>12.9%</b>				Hispanic <b>14.4%</b>			
White <b>76.8%</b>				White <b>75.5%</b>			
Other <b>6.3%</b>				Other <b>6.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>7.6%</b>	<b>-3.6%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>12.9%</b>	<b>3.6%</b>	<b>9.3%</b>	Hispanic	<b>12.9%</b>	<b>15.2%</b>	<b>-2.3%</b>
White	<b>76.8%</b>	<b>80.2%</b>	<b>-3.4%</b>	White	<b>76.8%</b>	<b>65.1%</b>	<b>11.7%</b>
Other	<b>6.3%</b>	<b>9.4%</b>	<b>-3.1%</b>	Other	<b>6.3%</b>	<b>5.2%</b>	<b>1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	203	<b>18.3%</b>	<b>27.4%</b>	NW	84	<b>21.9%</b>	<b>23.8%</b>
White	699	<b>81.7%</b>	<b>72.6%</b>	White	284	<b>78.1%</b>	<b>76.2%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .665 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .620* sig.				Odds ratio Exp(B) <sup>7</sup> : .761 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.0%</b>	<b>22.5%</b>	<b>12.5%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>42.4%</b>	<b>19.7%</b>	<b>33.3%</b>	<b>4.5%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>72.4%</b>	<b>17.2%</b>	<b>9.3%</b>	<b>1.0%</b>			
Other	<b>77.8%</b>	<b>19.0%</b>	<b>3.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### UXBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>838</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.9%</b>	Citations per 1000	
	Passing through:	<b>67.1%</b>	18 + residents:	<b>75.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 809)				ITP Stops <sup>3</sup> (N = 356)			
Mean age				Mean age			
<b>38.15</b>				<b>37.24</b>			
Gender %				Gender %			
Female <b>39.3%</b>				Female <b>39.5%</b>			
Male <b>60.7%</b>				Male <b>60.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.0%</b>				Race % Mis/Unk <sup>4</sup> <b>6.7%</b>			
AA/Black <b>5.0%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>8.1%</b>				Hispanic <b>6.3%</b>			
White <b>85.5%</b>				White <b>88.3%</b>			
Other <b>1.5%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.0%</b>	<b>1.9%</b>	<b>3.1%</b>	AA/Black	<b>5.0%</b>	<b>14.5%</b>	<b>-9.5%</b>
Hispanic	<b>8.1%</b>	<b>1.7%</b>	<b>6.4%</b>	Hispanic	<b>8.1%</b>	<b>15.2%</b>	<b>-7.1%</b>
White	<b>85.5%</b>	<b>94.9%</b>	<b>-9.4%</b>	White	<b>85.5%</b>	<b>65.1%</b>	<b>20.4%</b>
Other	<b>1.5%</b>	<b>1.4%</b>	<b>0.1%</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	101	<b>12.2%</b>	<b>22.4%</b>	NW	34	<b>9.4%</b>	<b>18.6%</b>
White	613	<b>87.8%</b>	<b>77.6%</b>	White	270	<b>90.6%</b>	<b>81.4%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .043* sig.			
Odds ratio Exp(B) <sup>7</sup> : .573* sig.				Odds ratio Exp(B) <sup>7</sup> : .455 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.3%</b>	<b>10.5%</b>	<b>34.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>43.8%</b>	<b>7.8%</b>	<b>48.4%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>72.5%</b>	<b>14.0%</b>	<b>10.9%</b>	<b>2.6%</b>			
Other	<b>63.6%</b>	<b>18.2%</b>	<b>18.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WAKEFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,171</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.6%</b>	Citations per 1000	
	Passing through:	<b>65.4%</b>	18 + residents:	<b>53.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,059)				ITP Stops <sup>3</sup> (N = 573)			
Mean age				Mean age			
<b>39.47</b>				<b>39.44</b>			
Gender %				Gender %			
Female <b>39.7%</b>				Female <b>37.8%</b>			
Male <b>60.3%</b>				Male <b>62.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>4.6%</b>				AA/Black <b>4.1%</b>			
Hispanic <b>3.1%</b>				Hispanic <b>3.9%</b>			
White <b>88.7%</b>				White <b>88.4%</b>			
Other <b>3.6%</b>				Other <b>3.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.6%</b>	<b>1.8%</b>	<b>2.8%</b>	AA/Black	<b>4.6%</b>	<b>14.5%</b>	<b>-9.9%</b>
Hispanic	<b>3.1%</b>	<b>3.5%</b>	<b>-0.4%</b>	Hispanic	<b>3.1%</b>	<b>15.2%</b>	<b>-12.1%</b>
White	<b>88.7%</b>	<b>91.0%</b>	<b>-2.3%</b>	White	<b>88.7%</b>	<b>65.1%</b>	<b>23.6%</b>
Other	<b>3.6%</b>	<b>3.8%</b>	<b>-0.2%</b>	Other	<b>3.6%</b>	<b>5.2%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	112	<b>9.6%</b>	<b>16.5%</b>	NW	62	<b>10.3%</b>	<b>18.1%</b>
White	869	<b>90.4%</b>	<b>83.5%</b>	White	467	<b>89.7%</b>	<b>81.9%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .034* sig.			
Odds ratio Exp(B) <sup>7</sup> : .608* sig.				Odds ratio Exp(B) <sup>7</sup> : .536 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.0%</b>	<b>3.4%</b>	<b>16.9%</b>	<b>1.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>64.1%</b>	<b>12.8%</b>	<b>23.1%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>87.5%</b>	<b>6.4%</b>	<b>3.6%</b>	<b>2.5%</b>			
Other	<b>80.0%</b>	<b>20.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WALES POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>166</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.5%</b>	Citations per 1000	
	Passing through:	<b>65.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 165)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.89</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>35.2%</b>				Female <b>N/A</b>			
Male <b>64.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.3%</b>				Hispanic <b>N/A</b>			
White <b>92.0%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.3%</b>	<b>15.2%</b>	<b>-10.9%</b>
White	<b>92.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>92.0%</b>	<b>65.1%</b>	<b>26.9%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>42.9%</b>	<b>42.9%</b>	<b>14.3%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>66.2%</b>	<b>27.2%</b>	<b>6.0%</b>	<b>0.7%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .230 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WALPOLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,514</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.2%</b>	Citations per 1000	
	Passing through:	<b>74.8%</b>	18 + residents:	<b>187.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,464)				ITP Stops <sup>3</sup> (N = 1,235)			
Mean age				Mean age			
<b>41.85</b>				<b>40.85</b>			
Gender %				Gender %			
Female <b>42.4%</b>				Female <b>38.7%</b>			
Male <b>57.5%</b>				Male <b>61.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>8.7%</b>				AA/Black <b>9.2%</b>			
Hispanic <b>7.0%</b>				Hispanic <b>6.8%</b>			
White <b>79.8%</b>				White <b>78.6%</b>			
Other <b>4.6%</b>				Other <b>5.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.7%</b>	<b>2.1%</b>	<b>6.6%</b>	AA/Black	<b>8.7%</b>	<b>14.5%</b>	<b>-5.8%</b>
Hispanic	<b>7.0%</b>	<b>7.9%</b>	<b>-0.9%</b>	Hispanic	<b>7.0%</b>	<b>15.2%</b>	<b>-8.2%</b>
White	<b>79.8%</b>	<b>82.2%</b>	<b>-2.4%</b>	White	<b>79.8%</b>	<b>65.1%</b>	<b>14.7%</b>
Other	<b>4.6%</b>	<b>7.0%</b>	<b>-2.4%</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	652	<b>17.2%</b>	<b>28.0%</b>	NW	224	<b>20.1%</b>	<b>22.1%</b>
White	2,602	<b>82.8%</b>	<b>72.0%</b>	White	858	<b>79.9%</b>	<b>77.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .466 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .532* sig.				Odds ratio Exp(B) <sup>7</sup> : .895 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.9%</b>	<b>3.3%</b>	<b>7.2%</b>	<b>3.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>84.5%</b>	<b>2.8%</b>	<b>9.6%</b>	<b>3.2%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>95.2%</b>	<b>1.3%</b>	<b>2.7%</b>	<b>0.8%</b>			
Other	<b>94.3%</b>	<b>3.2%</b>	<b>1.9%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WALTHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,916</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>39.3%</b>	Citations per 1000	
	Passing through:	<b>60.7%</b>	18 + residents:	<b>72.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,329)				ITP Stops <sup>3</sup> (N = 1,268)			
Mean age				Mean age			
<b>40.42</b>				<b>39.46</b>			
Gender %				Gender %			
Female <b>40.9%</b>				Female <b>39.3%</b>			
Male <b>59.0%</b>				Male <b>60.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>12.4%</b>				AA/Black <b>12.3%</b>			
Hispanic <b>8.7%</b>				Hispanic <b>8.8%</b>			
White <b>71.0%</b>				White <b>70.3%</b>			
Other <b>7.9%</b>				Other <b>8.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.4%</b>	<b>7.1%</b>	<b>5.3%</b>	AA/Black	<b>12.4%</b>	<b>14.5%</b>	<b>-2.1%</b>
Hispanic	<b>8.7%</b>	<b>13.6%</b>	<b>-4.9%</b>	Hispanic	<b>8.7%</b>	<b>15.2%</b>	<b>-6.5%</b>
White	<b>71.0%</b>	<b>65.9%</b>	<b>5.1%</b>	White	<b>71.0%</b>	<b>65.1%</b>	<b>5.9%</b>
Other	<b>7.9%</b>	<b>15.9%</b>	<b>-8.0%</b>	Other	<b>7.9%</b>	<b>5.2%</b>	<b>2.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	902	<b>27.2%</b>	<b>40.8%</b>	NW	351	<b>28.2%</b>	<b>37.7%</b>
White	2,209	<b>72.8%</b>	<b>59.2%</b>	White	818	<b>71.8%</b>	<b>62.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .006* sig.			
Odds ratio Exp(B) <sup>7</sup> : .521* sig.				Odds ratio Exp(B) <sup>7</sup> : .544* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.1%</b>	<b>7.3%</b>	<b>10.7%</b>	<b>0.8%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>66.0%</b>	<b>12.0%</b>	<b>19.2%</b>	<b>2.8%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>87.2%</b>	<b>6.9%</b>	<b>5.3%</b>	<b>0.6%</b>			
Other	<b>88.3%</b>	<b>7.9%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WARE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>308</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>46.3%</b>	Citations per 1000	
	Passing through:	<b>53.7%</b>	18 + residents:	<b>39.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 283)				ITP Stops <sup>3</sup> (N = 114)			
Mean age				Mean age			
<b>35.75</b>				<b>36.99</b>			
Gender %				Gender %			
Female <b>33.8%</b>				Female <b>40.4%</b>			
Male <b>66.2%</b>				Male <b>59.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.5%</b>				Race % Mis/Unk <sup>4</sup> <b>7.0%</b>			
AA/Black <b>10.8%</b>				AA/Black <b>13.2%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>2.8%</b>			
White <b>82.6%</b>				White <b>84.0%</b>			
Other <b>0.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.8%</b>	<b>1.3%</b>	<b>9.5%</b>	AA/Black	<b>10.8%</b>	<b>14.5%</b>	<b>-3.7%</b>
Hispanic	<b>6.6%</b>	<b>7.7%</b>	<b>-1.1%</b>	Hispanic	<b>6.6%</b>	<b>15.2%</b>	<b>-8.6%</b>
White	<b>82.6%</b>	<b>89.3%</b>	<b>-6.7%</b>	White	<b>82.6%</b>	<b>65.1%</b>	<b>17.5%</b>
Other	<b>0.0%</b>	<b>2.6%</b>	<b>-2.6%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	<b>14.7%</b>	<b>20.5%</b>	NW	15	<b>9.4%</b>	<b>22.7%</b>
White	200	<b>85.3%</b>	<b>79.5%</b>	White	82	<b>90.6%</b>	<b>77.3%</b>
Chi-square, X-tab <sup>6</sup> :		.235	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.071	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.623	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.195*	<i>sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>24.1%</b>	<b>24.1%</b>	<b>37.9%</b>	<b>13.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>5.9%</b>	<b>11.8%</b>	<b>58.8%</b>	<b>23.5%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>27.8%</b>	<b>21.9%</b>	<b>30.4%</b>	<b>19.8%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.195	<i>not sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WAREHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>601</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.6%</b>	Citations per 1000	
	Passing through:	<b>81.4%</b>	18 + residents:	<b>32.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 512)				ITP Stops <sup>3</sup> (N = 155)			
Mean age				Mean age			
<b>38.87</b>				<b>37.06</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>36.1%</b>			
Male <b>63.7%</b>				Male <b>63.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>16.8%</b>				AA/Black <b>14.4%</b>			
Hispanic <b>1.8%</b>				Hispanic <b>2.0%</b>			
White <b>81.3%</b>				White <b>83.7%</b>			
Other <b>0.2%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.8%</b>	<b>2.7%</b>	<b>14.1%</b>	AA/Black	<b>16.8%</b>	<b>14.5%</b>	<b>2.3%</b>
Hispanic	<b>1.8%</b>	<b>3.6%</b>	<b>-1.8%</b>	Hispanic	<b>1.8%</b>	<b>15.2%</b>	<b>-13.4%</b>
White	<b>81.3%</b>	<b>84.5%</b>	<b>-3.2%</b>	White	<b>81.3%</b>	<b>65.1%</b>	<b>16.2%</b>
Other	<b>0.2%</b>	<b>6.3%</b>	<b>-6.1%</b>	Other	<b>0.2%</b>	<b>5.2%</b>	<b>-5.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	89	<b>17.6%</b>	<b>21.8%</b>	NW	22	<b>18.7%</b>	<b>10.6%</b>
White	382	<b>82.4%</b>	<b>78.2%</b>	White	116	<b>81.3%</b>	<b>89.4%</b>
Chi-square, X-tab <sup>6</sup> : .285 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .221 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .724 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .929 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.7%</b>	<b>13.8%</b>	<b>31.9%</b>	<b>8.5%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>27.3%</b>	<b>18.2%</b>	<b>45.5%</b>	<b>9.1%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>49.2%</b>	<b>10.2%</b>	<b>30.7%</b>	<b>10.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .753 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WARREN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,036</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>256.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,022)				ITP Stops <sup>3</sup> (N = 494)			
Mean age				Mean age			
<b>36.47</b>				<b>35.13</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>35.0%</b>			
Male <b>62.3%</b>				Male <b>65.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>5.3%</b>				AA/Black <b>5.8%</b>			
Hispanic <b>5.3%</b>				Hispanic <b>6.8%</b>			
White <b>88.9%</b>				White <b>87.4%</b>			
Other <b>0.5%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.3%</b>	<b>0.6%</b>	<b>4.7%</b>	AA/Black	<b>5.3%</b>	<b>14.5%</b>	<b>-9.2%</b>
Hispanic	<b>5.3%</b>	<b>1.2%</b>	<b>4.1%</b>	Hispanic	<b>5.3%</b>	<b>15.2%</b>	<b>-9.9%</b>
White	<b>88.9%</b>	<b>95.6%</b>	<b>-6.7%</b>	White	<b>88.9%</b>	<b>65.1%</b>	<b>23.8%</b>
Other	<b>0.5%</b>	<b>2.5%</b>	<b>-2.0%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	103	<b>9.5%</b>	<b>13.8%</b>	NW	54	<b>11.6%</b>	<b>14.0%</b>
White	809	<b>90.5%</b>	<b>86.2%</b>	White	373	<b>88.4%</b>	<b>86.0%</b>
Chi-square, X-tab <sup>6</sup> : .043* sig.				Chi-square, X-tab <sup>6</sup> : .467 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .729 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.146 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.3%</b>	<b>5.6%</b>	<b>11.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>74.1%</b>	<b>16.7%</b>	<b>9.3%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>82.2%</b>	<b>9.0%</b>	<b>7.7%</b>	<b>1.1%</b>			
Other	<b>80.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>20.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WATERTOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,121</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.1%</b>	Citations per 1000	
	Passing through:	<b>81.9%</b>	18 + residents:	<b>69.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,969)				ITP Stops <sup>3</sup> (N = 1,130)			
Mean age				Mean age			
<b>39.9</b>				<b>39.83</b>			
Gender %				Gender %			
Female <b>36.0%</b>				Female <b>36.0%</b>			
Male <b>63.9%</b>				Male <b>63.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>14.4%</b>				AA/Black <b>14.9%</b>			
Hispanic <b>13.6%</b>				Hispanic <b>12.8%</b>			
White <b>59.0%</b>				White <b>59.4%</b>			
Other <b>13.0%</b>				Other <b>12.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.4%</b>	<b>1.6%</b>	<b>12.8%</b>	AA/Black	<b>14.4%</b>	<b>14.5%</b>	<b>-0.1%</b>
Hispanic	<b>13.6%</b>	<b>9.2%</b>	<b>4.4%</b>	Hispanic	<b>13.6%</b>	<b>15.2%</b>	<b>-1.6%</b>
White	<b>59.0%</b>	<b>76.4%</b>	<b>-17.4%</b>	White	<b>59.0%</b>	<b>65.1%</b>	<b>-6.1%</b>
Other	<b>13.0%</b>	<b>12.7%</b>	<b>0.3%</b>	Other	<b>13.0%</b>	<b>5.2%</b>	<b>7.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	719	<b>39.4%</b>	<b>44.5%</b>	NW	403	<b>41.4%</b>	<b>37.6%</b>
White	1,044	<b>60.6%</b>	<b>55.5%</b>	White	602	<b>58.6%</b>	<b>62.4%</b>
Chi-square, X-tab <sup>6</sup> : .054 not sig.				Chi-square, X-tab <sup>6</sup> : .245 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .880 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.288 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>46.4%</b>	<b>40.9%</b>	<b>11.3%</b>	<b>1.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>38.7%</b>	<b>44.3%</b>	<b>14.2%</b>	<b>2.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>53.9%</b>	<b>38.7%</b>	<b>6.1%</b>	<b>1.3%</b>			
Other	<b>47.7%</b>	<b>47.3%</b>	<b>5.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WAYLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>706</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.2%</b>	Citations per 1000	
	Passing through:	<b>77.8%</b>	18 + residents:	<b>69.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 643)				ITP Stops <sup>3</sup> (N = 217)			
Mean age				Mean age			
<b>43.13</b>				<b>39.53</b>			
Gender %				Gender %			
Female <b>49.4%</b>				Female <b>42.7%</b>			
Male <b>50.5%</b>				Male <b>57.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.8%</b>				Race % Mis/Unk <sup>4</sup> <b>9.7%</b>			
AA/Black <b>2.5%</b>				AA/Black <b>4.1%</b>			
Hispanic <b>13.9%</b>				Hispanic <b>21.9%</b>			
White <b>72.6%</b>				White <b>62.2%</b>			
Other <b>11.1%</b>				Other <b>11.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.5%</b>	<b>0.7%</b>	<b>1.8%</b>	AA/Black	<b>2.5%</b>	<b>14.5%</b>	<b>-12.0%</b>
Hispanic	<b>13.9%</b>	<b>4.8%</b>	<b>9.1%</b>	Hispanic	<b>13.9%</b>	<b>15.2%</b>	<b>-1.3%</b>
White	<b>72.6%</b>	<b>79.6%</b>	<b>-7.0%</b>	White	<b>72.6%</b>	<b>65.1%</b>	<b>7.5%</b>
Other	<b>11.1%</b>	<b>15.0%</b>	<b>-3.9%</b>	Other	<b>11.1%</b>	<b>5.2%</b>	<b>5.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	155	<b>23.9%</b>	<b>45.2%</b>	NW	63	<b>31.8%</b>	<b>48.9%</b>
White	428	<b>76.1%</b>	<b>54.8%</b>	White	111	<b>68.2%</b>	<b>51.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .040* sig.			
Odds ratio Exp(B) <sup>7</sup> : .324* sig.				Odds ratio Exp(B) <sup>7</sup> : .446 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.9%</b>	<b>10.5%</b>	<b>26.3%</b>	<b>5.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>41.2%</b>	<b>5.9%</b>	<b>44.1%</b>	<b>8.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.4%</b>	<b>9.0%</b>	<b>5.1%</b>	<b>1.5%</b>			
Other	<b>86.1%</b>	<b>12.5%</b>	<b>1.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEBSTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,870</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.5%</b>	Citations per 1000	
	Passing through:	<b>61.5%</b>	18 + residents:	<b>138.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,781)				ITP Stops <sup>3</sup> (N = 569)			
Mean age				Mean age			
<b>37.43</b>				<b>37.09</b>			
Gender %				Gender %			
Female <b>39.9%</b>				Female <b>38.4%</b>			
Male <b>60.1%</b>				Male <b>61.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>9.3%</b>				AA/Black <b>6.6%</b>			
Hispanic <b>19.8%</b>				Hispanic <b>20.7%</b>			
White <b>68.5%</b>				White <b>70.8%</b>			
Other <b>2.4%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.3%</b>	<b>4.9%</b>	<b>4.4%</b>	AA/Black	<b>9.3%</b>	<b>14.5%</b>	<b>-5.2%</b>
Hispanic	<b>19.8%</b>	<b>12.1%</b>	<b>7.7%</b>	Hispanic	<b>19.8%</b>	<b>15.2%</b>	<b>4.6%</b>
White	<b>68.5%</b>	<b>80.0%</b>	<b>-11.5%</b>	White	<b>68.5%</b>	<b>65.1%</b>	<b>3.4%</b>
Other	<b>2.4%</b>	<b>4.1%</b>	<b>-1.7%</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	532	<b>25.8%</b>	<b>38.0%</b>	NW	145	<b>31.9%</b>	<b>26.4%</b>
White	1,145	<b>74.2%</b>	<b>62.0%</b>	White	352	<b>68.1%</b>	<b>73.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .181 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .586* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.325 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>53.5%</b>	<b>4.7%</b>	<b>34.7%</b>	<b>7.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>51.4%</b>	<b>5.3%</b>	<b>40.2%</b>	<b>3.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>69.1%</b>	<b>4.0%</b>	<b>22.2%</b>	<b>4.7%</b>			
Other	<b>81.4%</b>	<b>0.0%</b>	<b>16.3%</b>	<b>2.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WELLESLEY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,233</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.0%</b>	Citations per 1000	
	Passing through:	<b>81.0%</b>	18 + residents:	<b>150.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,057)				ITP Stops <sup>3</sup> (N = 1,316)			
Mean age				Mean age			
<b>40.23</b>				<b>40.21</b>			
Gender %				Gender %			
Female <b>38.6%</b>				Female <b>38.6%</b>			
Male <b>61.3%</b>				Male <b>61.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>10.2%</b>				AA/Black <b>8.4%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>6.5%</b>			
White <b>74.5%</b>				White <b>76.4%</b>			
Other <b>8.7%</b>				Other <b>8.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.2%</b>	<b>2.9%</b>	<b>7.3%</b>	AA/Black	<b>10.2%</b>	<b>14.5%</b>	<b>-4.3%</b>
Hispanic	<b>6.7%</b>	<b>5.1%</b>	<b>1.6%</b>	Hispanic	<b>6.7%</b>	<b>15.2%</b>	<b>-8.5%</b>
White	<b>74.5%</b>	<b>76.6%</b>	<b>-2.1%</b>	White	<b>74.5%</b>	<b>65.1%</b>	<b>9.4%</b>
Other	<b>8.7%</b>	<b>15.9%</b>	<b>-7.2%</b>	Other	<b>8.7%</b>	<b>5.2%</b>	<b>3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	721	<b>22.6%</b>	<b>34.0%</b>	NW	271	<b>18.6%</b>	<b>32.4%</b>
White	2,107	<b>77.4%</b>	<b>66.0%</b>	White	897	<b>81.4%</b>	<b>67.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .568* sig.				Odds ratio Exp(B) <sup>7</sup> : .452* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.9%</b>	<b>10.7%</b>	<b>9.1%</b>	<b>2.2%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>80.7%</b>	<b>12.1%</b>	<b>6.3%</b>	<b>1.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>86.6%</b>	<b>10.0%</b>	<b>2.6%</b>	<b>0.9%</b>			
Other	<b>82.9%</b>	<b>15.6%</b>	<b>1.1%</b>	<b>0.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WELLFLEET POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>693</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>14.6%</b>	Citations per 1000	
	Passing through:	<b>85.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 673)				ITP Stops <sup>3</sup> (N = 221)			
Mean age				Mean age			
<b>43.35</b>				<b>43.15</b>			
Gender %				Gender %			
Female <b>35.7%</b>				Female <b>30.3%</b>			
Male <b>64.3%</b>				Male <b>69.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>5.0%</b>			
AA/Black <b>9.5%</b>				AA/Black <b>9.5%</b>			
Hispanic <b>3.7%</b>				Hispanic <b>2.4%</b>			
White <b>84.2%</b>				White <b>85.7%</b>			
Other <b>2.6%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.5%</b>	<b>14.5%</b>	<b>-5.0%</b>
Hispanic	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.7%</b>	<b>15.2%</b>	<b>-11.5%</b>
White	<b>84.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>84.2%</b>	<b>65.1%</b>	<b>19.1%</b>
Other	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	102	<b>15.0%</b>	<b>22.5%</b>	NW	29	<b>14.5%</b>	<b>16.4%</b>
White	522	<b>85.0%</b>	<b>77.5%</b>	White	164	<b>85.5%</b>	<b>83.6%</b>
Chi-square, X-tab <sup>6</sup> : .052 not sig.				Chi-square, X-tab <sup>6</sup> : .743 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .625 not sig.				Odds ratio Exp(B) <sup>7</sup> : .954 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.5%</b>	<b>1.6%</b>	<b>14.3%</b>	<b>1.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>20.8%</b>	<b>12.5%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>87.3%</b>	<b>4.4%</b>	<b>6.4%</b>	<b>1.9%</b>			
Other	<b>88.2%</b>	<b>5.9%</b>	<b>5.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .008* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WENHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>259</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.6%</b>	Citations per 1000	
	Passing through:	<b>93.4%</b>	18 + residents:	<b>58.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 244)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.49</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>43.2%</b>				Female <b>N/A</b>			
Male <b>56.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race %	Mis/Unk <sup>4</sup>	<b>2.9%</b>		Race %	Mis/Unk <sup>4</sup>	<b>N/A</b>	
AA/Black	<b>7.2%</b>			AA/Black	<b>N/A</b>		
Hispanic	<b>6.3%</b>			Hispanic	<b>N/A</b>		
White	<b>85.7%</b>			White	<b>N/A</b>		
Other	<b>0.8%</b>			Other	<b>N/A</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>2.7%</b>	<b>4.5%</b>	AA/Black	<b>7.2%</b>	<b>14.5%</b>	<b>-7.3%</b>
Hispanic	<b>6.3%</b>	<b>5.4%</b>	<b>0.9%</b>	Hispanic	<b>6.3%</b>	<b>15.2%</b>	<b>-8.9%</b>
White	<b>85.7%</b>	<b>87.8%</b>	<b>-2.1%</b>	White	<b>85.7%</b>	<b>65.1%</b>	<b>20.6%</b>
Other	<b>0.8%</b>	<b>4.5%</b>	<b>-3.7%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :	N/A	N/A		Chi-square, X-tab <sup>6</sup> :	N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A		Odds ratio Exp(B) <sup>7</sup> :	N/A	N/A	

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>29.4%</b>	<b>17.6%</b>	<b>52.9%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>53.3%</b>	<b>6.7%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>68.4%</b>	<b>11.2%</b>	<b>18.6%</b>	<b>1.9%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :	.023 *	sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEST BOYLSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>222</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.6%</b>	Citations per 1000	
	Passing through:	<b>86.4%</b>	18 + residents:	<b>31.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 206)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.93</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>41.7%</b>				Female <b>N/A</b>			
Male <b>58.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>8.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>13.8%</b>				Hispanic <b>N/A</b>			
White <b>73.3%</b>				White <b>N/A</b>			
Other <b>4.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.2%</b>	<b>6.3%</b>	<b>1.9%</b>	AA/Black	<b>8.2%</b>	<b>14.5%</b>	<b>-6.3%</b>
Hispanic	<b>13.8%</b>	<b>12.3%</b>	<b>1.5%</b>	Hispanic	<b>13.8%</b>	<b>15.2%</b>	<b>-1.4%</b>
White	<b>73.3%</b>	<b>79.4%</b>	<b>-6.1%</b>	White	<b>73.3%</b>	<b>65.1%</b>	<b>8.2%</b>
Other	<b>4.6%</b>	<b>3.9%</b>	<b>0.7%</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>23.2%</b>	<b>44.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	134	<b>76.8%</b>	<b>55.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.021*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.390*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>20.0%</b>	<b>15.0%</b>	<b>15.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>13.3%</b>	<b>13.3%</b>	<b>6.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>78.3%</b>	<b>7.9%</b>	<b>13.8%</b>	<b>0.0%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEST BRIDGEWATER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,182</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.5%</b>	Citations per 1000	
	Passing through:	<b>94.5%</b>	18 + residents:	<b>379.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,115)				ITP Stops <sup>3</sup> (N = 722)			
Mean age				Mean age			
<b>36.08</b>				<b>36.14</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>39.4%</b>			
Male <b>60.2%</b>				Male <b>60.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>30.5%</b>				AA/Black <b>29.0%</b>			
Hispanic <b>10.2%</b>				Hispanic <b>10.0%</b>			
White <b>57.3%</b>				White <b>59.1%</b>			
Other <b>2.0%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>30.5%</b>	<b>1.8%</b>	<b>28.7%</b>	AA/Black	<b>30.5%</b>	<b>14.5%</b>	<b>16.0%</b>
Hispanic	<b>10.2%</b>	<b>3.1%</b>	<b>7.1%</b>	Hispanic	<b>10.2%</b>	<b>15.2%</b>	<b>-5.0%</b>
White	<b>57.3%</b>	<b>92.8%</b>	<b>-35.5%</b>	White	<b>57.3%</b>	<b>65.1%</b>	<b>-7.8%</b>
Other	<b>2.0%</b>	<b>2.3%</b>	<b>-0.3%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	860	<b>42.4%</b>	<b>42.5%</b>	NW	258	<b>39.6%</b>	<b>40.0%</b>
White	1,168	<b>57.6%</b>	<b>57.5%</b>	White	392	<b>60.4%</b>	<b>60.0%</b>
Chi-square, X-tab <sup>6</sup> : .958 not sig.				Chi-square, X-tab <sup>6</sup> : .947 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.157 not sig.				Odds ratio Exp(B) <sup>7</sup> : .955 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.5%</b>	<b>18.2%</b>	<b>19.6%</b>	<b>0.7%</b>	NW	<b>67</b>	<b>52.8%</b>
Hispanic	<b>54.7%</b>	<b>24.2%</b>	<b>20.2%</b>	<b>0.9%</b>	White	<b>60</b>	<b>47.2%</b>
White	<b>75.0%</b>	<b>15.8%</b>	<b>8.3%</b>	<b>0.9%</b>			
Other	<b>65.9%</b>	<b>26.8%</b>	<b>7.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEST BROOKFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>159</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.5%</b>	Citations per 1000	
	Passing through:	<b>80.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 154)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.78</b>				<b>N/A</b>			
Gender	%			Gender	%		
Female		<b>33.1%</b>		Female		<b>N/A</b>	
Male		<b>66.2%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.6%</b>		Non-binary		<b>N/A</b>	
Race	%	Mis/Unk <sup>4</sup>	<b>0.0%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black		<b>2.6%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>4.5%</b>		Hispanic		<b>N/A</b>	
White		<b>92.9%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.6%</b>	<b>14.5%</b>	<b>-11.9%</b>
Hispanic	<b>4.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.5%</b>	<b>15.2%</b>	<b>-10.7%</b>
White	<b>92.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>92.9%</b>	<b>65.1%</b>	<b>27.8%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	11	<b>5.8%</b>	<b>12.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	133	<b>94.2%</b>	<b>87.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.194	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.385	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>16.7%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>33.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>14.3%</b>	<b>14.3%</b>	<b>14.3%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>62.3%</b>	<b>21.2%</b>	<b>13.0%</b>	<b>3.4%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.017*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEST NEWBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>406</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.0%</b>	Citations per 1000	
	Passing through:	<b>80.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 395)				ITP Stops <sup>3</sup> (N = 192)			
Mean age				Mean age			
<b>37.65</b>				<b>37.5</b>			
Gender %				Gender %			
Female <b>35.6%</b>				Female <b>38.2%</b>			
Male <b>64.4%</b>				Male <b>61.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>2.6%</b>				AA/Black <b>2.7%</b>			
Hispanic <b>11.0%</b>				Hispanic <b>10.2%</b>			
White <b>85.3%</b>				White <b>85.5%</b>			
Other <b>1.0%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.6%</b>	<b>14.5%</b>	<b>-11.9%</b>
Hispanic	<b>11.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.0%</b>	<b>15.2%</b>	<b>-4.2%</b>
White	<b>85.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.3%</b>	<b>65.1%</b>	<b>20.2%</b>
Other	<b>1.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	<b>14.5%</b>	<b>16.0%</b>	NW	25	<b>13.3%</b>	<b>16.4%</b>
White	298	<b>85.5%</b>	<b>84.0%</b>	White	146	<b>86.7%</b>	<b>83.6%</b>
Chi-square, X-tab <sup>6</sup> :		.703	not sig.	Chi-square, X-tab <sup>6</sup> :		.561	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.846	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.686	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>36.4%</b>	<b>45.5%</b>	<b>18.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>46.5%</b>	<b>37.2%</b>	<b>16.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>61.4%</b>	<b>23.7%</b>	<b>12.6%</b>	<b>2.4%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.240	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEST SPRINGFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>669</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.0%</b>	Citations per 1000	
	Passing through:	<b>72.0%</b>	18 + residents:	<b>29.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 618)				ITP Stops <sup>3</sup> (N = 183)			
Mean age				Mean age			
<b>35.18</b>				<b>33.85</b>			
Gender %				Gender %			
Female <b>37.7%</b>				Female <b>40.4%</b>			
Male <b>61.9%</b>				Male <b>59.6%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>16.1%</b>				AA/Black <b>16.6%</b>			
Hispanic <b>8.5%</b>				Hispanic <b>12.7%</b>			
White <b>72.7%</b>				White <b>67.4%</b>			
Other <b>2.7%</b>				Other <b>3.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.1%</b>	<b>3.2%</b>	<b>12.9%</b>	AA/Black	<b>16.1%</b>	<b>14.5%</b>	<b>1.6%</b>
Hispanic	<b>8.5%</b>	<b>10.6%</b>	<b>-2.1%</b>	Hispanic	<b>8.5%</b>	<b>15.2%</b>	<b>-6.7%</b>
White	<b>72.7%</b>	<b>79.6%</b>	<b>-6.9%</b>	White	<b>72.7%</b>	<b>65.1%</b>	<b>7.6%</b>
Other	<b>2.7%</b>	<b>7.5%</b>	<b>-4.8%</b>	Other	<b>2.7%</b>	<b>5.2%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	118	<b>26.4%</b>	<b>27.6%</b>	NW	53	<b>36.5%</b>	<b>27.3%</b>
White	322	<b>73.6%</b>	<b>72.4%</b>	White	109	<b>63.5%</b>	<b>72.7%</b>
Chi-square, X-tab <sup>6</sup> :		.774	not sig.	Chi-square, X-tab <sup>6</sup> :		.221	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.916	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.029	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>48.9%</b>	<b>21.3%</b>	<b>29.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>71.2%</b>	<b>25.0%</b>	<b>3.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>64.1%</b>	<b>14.5%</b>	<b>21.4%</b>	<b>0.0%</b>			
Other	<b>47.1%</b>	<b>17.6%</b>	<b>35.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002 *	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEST STOCKBRIDGE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>117</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.6%</b>	Citations per 1000	
	Passing through:	<b>90.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 115)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>46.91</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>44.2%</b>				Female <b>N/A</b>			
Male <b>55.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>6.3%</b>				Hispanic <b>N/A</b>			
White <b>81.1%</b>				White <b>N/A</b>			
Other <b>3.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>6.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>6.3%</b>	<b>15.2%</b>	<b>-8.9%</b>
White	<b>81.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>81.1%</b>	<b>65.1%</b>	<b>16.0%</b>
Other	<b>3.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.6%</b>	<b>5.2%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	<b>15.1%</b>	<b>27.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	78	<b>84.9%</b>	<b>72.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.190	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.475	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>90.0%</b>	<b>0.0%</b>	<b>10.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>81.5%</b>	<b>5.4%</b>	<b>12.0%</b>	<b>1.1%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.956	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTBOROUGH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>4,869</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>342.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,765)				ITP Stops <sup>3</sup> (N = 1,591)			
Mean age				Mean age			
<b>40.08</b>				<b>39.8</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>37.4%</b>			
Male <b>62.6%</b>				Male <b>62.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>11.4%</b>				AA/Black <b>9.0%</b>			
Hispanic <b>12.2%</b>				Hispanic <b>12.0%</b>			
White <b>64.1%</b>				White <b>65.5%</b>			
Other <b>12.3%</b>				Other <b>13.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.4%</b>	<b>1.9%</b>	<b>9.5%</b>	AA/Black	<b>11.4%</b>	<b>14.5%</b>	<b>-3.1%</b>
Hispanic	<b>12.2%</b>	<b>6.2%</b>	<b>6.0%</b>	Hispanic	<b>12.2%</b>	<b>15.2%</b>	<b>-3.0%</b>
White	<b>64.1%</b>	<b>65.0%</b>	<b>-0.9%</b>	White	<b>64.1%</b>	<b>65.1%</b>	<b>-1.0%</b>
Other	<b>12.3%</b>	<b>27.0%</b>	<b>-14.7%</b>	Other	<b>12.3%</b>	<b>5.2%</b>	<b>7.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,640	<b>29.5%</b>	<b>46.8%</b>	NW	482	<b>33.8%</b>	<b>35.9%</b>
White	2,914	<b>70.5%</b>	<b>53.2%</b>	White	915	<b>66.2%</b>	<b>64.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .439 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .461* sig.				Odds ratio Exp(B) <sup>7</sup> : .709* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.0%</b>	<b>3.4%</b>	<b>9.0%</b>	<b>1.6%</b>	NW	<b>76</b>	<b>40.0%</b>
Hispanic	<b>77.2%</b>	<b>4.0%</b>	<b>15.4%</b>	<b>3.4%</b>	White	<b>114</b>	<b>60.0%</b>
White	<b>92.0%</b>	<b>3.6%</b>	<b>3.2%</b>	<b>1.3%</b>			
Other	<b>94.1%</b>	<b>3.2%</b>	<b>1.8%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,005</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.3%</b>	Citations per 1000	
	Passing through:	<b>58.7%</b>	18 + residents:	<b>59.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,630)				ITP Stops <sup>3</sup> (N = 602)			
Mean age				Mean age			
<b>35.44</b>				<b>34.83</b>			
Gender %				Gender %			
Female <b>38.7%</b>				Female <b>36.5%</b>			
Male <b>61.3%</b>				Male <b>63.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.6%</b>				AA/Black <b>5.4%</b>			
Hispanic <b>13.0%</b>				Hispanic <b>14.1%</b>			
White <b>78.3%</b>				White <b>78.2%</b>			
Other <b>2.2%</b>				Other <b>2.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.6%</b>	<b>1.6%</b>	<b>5.0%</b>	AA/Black	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
Hispanic	<b>13.0%</b>	<b>9.5%</b>	<b>3.5%</b>	Hispanic	<b>13.0%</b>	<b>15.2%</b>	<b>-2.2%</b>
White	<b>78.3%</b>	<b>85.0%</b>	<b>-6.7%</b>	White	<b>78.3%</b>	<b>65.1%</b>	<b>13.2%</b>
Other	<b>2.2%</b>	<b>4.3%</b>	<b>-2.1%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	339	<b>18.8%</b>	<b>30.3%</b>	NW	119	<b>22.6%</b>	<b>19.7%</b>
White	1,212	<b>81.2%</b>	<b>69.7%</b>	White	424	<b>77.4%</b>	<b>80.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .496 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .506* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.081 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.9%</b>	<b>25.8%</b>	<b>3.2%</b>	<b>4.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>64.8%</b>	<b>23.5%</b>	<b>8.9%</b>	<b>2.8%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>77.2%</b>	<b>16.1%</b>	<b>3.9%</b>	<b>2.7%</b>			
Other	<b>73.3%</b>	<b>24.4%</b>	<b>2.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTFORD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,535</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.4%</b>	Citations per 1000	
	Passing through:	<b>67.6%</b>	18 + residents:	<b>193.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,351)				ITP Stops <sup>3</sup> (N = 1,396)			
Mean age				Mean age			
<b>38.84</b>				<b>39.22</b>			
Gender %				Gender %			
Female <b>35.1%</b>				Female <b>34.5%</b>			
Male <b>64.9%</b>				Male <b>65.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.1%</b>				AA/Black <b>5.1%</b>			
Hispanic <b>6.0%</b>				Hispanic <b>5.4%</b>			
White <b>76.0%</b>				White <b>75.1%</b>			
Other <b>11.9%</b>				Other <b>14.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.1%</b>	<b>0.9%</b>	<b>5.2%</b>	AA/Black	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
Hispanic	<b>6.0%</b>	<b>1.5%</b>	<b>4.5%</b>	Hispanic	<b>6.0%</b>	<b>15.2%</b>	<b>-9.2%</b>
White	<b>76.0%</b>	<b>76.1%</b>	<b>-0.1%</b>	White	<b>76.0%</b>	<b>65.1%</b>	<b>10.9%</b>
Other	<b>11.9%</b>	<b>21.6%</b>	<b>-9.7%</b>	Other	<b>11.9%</b>	<b>5.2%</b>	<b>6.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	756	<b>23.6%</b>	<b>24.8%</b>	NW	306	<b>25.6%</b>	<b>23.4%</b>
White	2,398	<b>76.4%</b>	<b>75.2%</b>	White	932	<b>74.4%</b>	<b>76.6%</b>
Chi-square, X-tab <sup>6</sup> :		.458	not sig.	Chi-square, X-tab <sup>6</sup> :		.379	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.932	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.314	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.4%</b>	<b>24.5%</b>	<b>14.2%</b>	<b>0.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>51.7%</b>	<b>35.1%</b>	<b>11.8%</b>	<b>1.4%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>70.6%</b>	<b>23.9%</b>	<b>4.1%</b>	<b>1.4%</b>			
Other	<b>69.1%</b>	<b>27.7%</b>	<b>2.9%</b>	<b>0.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTMINSTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>842</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.9%</b>	Citations per 1000	
	Passing through:	<b>84.1%</b>	18 + residents:	<b>133.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 817)				ITP Stops <sup>3</sup> (N = 313)			
Mean age				Mean age			
<b>36.33</b>				<b>34.59</b>			
Gender %				Gender %			
Female <b>43.8%</b>				Female <b>39.9%</b>			
Male <b>56.1%</b>				Male <b>60.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>			
AA/Black <b>5.8%</b>				AA/Black <b>6.6%</b>			
Hispanic <b>9.5%</b>				Hispanic <b>9.2%</b>			
White <b>82.7%</b>				White <b>81.2%</b>			
Other <b>2.0%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.8%</b>	<b>0.0%</b>	<b>5.8%</b>	AA/Black	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
Hispanic	<b>9.5%</b>	<b>3.3%</b>	<b>6.2%</b>	Hispanic	<b>9.5%</b>	<b>15.2%</b>	<b>-5.7%</b>
White	<b>82.7%</b>	<b>96.2%</b>	<b>-13.5%</b>	White	<b>82.7%</b>	<b>65.1%</b>	<b>17.6%</b>
Other	<b>2.0%</b>	<b>0.4%</b>	<b>1.6%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	130	<b>15.6%</b>	<b>20.8%</b>	NW	49	<b>16.0%</b>	<b>20.9%</b>
White	636	<b>84.4%</b>	<b>79.2%</b>	White	229	<b>84.0%</b>	<b>79.1%</b>
Chi-square, X-tab <sup>6</sup> :		.088	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.321	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.673	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.695	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>76.1%</b>	<b>2.2%</b>	<b>17.4%</b>	<b>4.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>76.5%</b>	<b>3.7%</b>	<b>18.5%</b>	<b>1.2%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>83.0%</b>	<b>6.1%</b>	<b>9.2%</b>	<b>1.8%</b>			
Other	<b>93.8%</b>	<b>6.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.103	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,155</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.6%</b>	Citations per 1000	
	Passing through:	<b>83.4%</b>	18 + residents:	<b>238.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,108)				ITP Stops <sup>3</sup> (N = 766)			
Mean age				Mean age			
<b>41.4</b>				<b>41.26</b>			
Gender %				Gender %			
Female <b>35.5%</b>				Female <b>34.3%</b>			
Male <b>64.4%</b>				Male <b>65.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.9%</b>			
AA/Black <b>7.6%</b>				AA/Black <b>6.6%</b>			
Hispanic <b>9.7%</b>				Hispanic <b>8.1%</b>			
White <b>71.9%</b>				White <b>73.1%</b>			
Other <b>10.8%</b>				Other <b>12.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>1.9%</b>	<b>5.7%</b>	AA/Black	<b>7.6%</b>	<b>14.5%</b>	<b>-6.9%</b>
Hispanic	<b>9.7%</b>	<b>3.8%</b>	<b>5.9%</b>	Hispanic	<b>9.7%</b>	<b>15.2%</b>	<b>-5.5%</b>
White	<b>71.9%</b>	<b>76.4%</b>	<b>-4.5%</b>	White	<b>71.9%</b>	<b>65.1%</b>	<b>6.8%</b>
Other	<b>10.8%</b>	<b>16.9%</b>	<b>-6.1%</b>	Other	<b>10.8%</b>	<b>5.2%</b>	<b>5.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	532	<b>25.7%</b>	<b>35.3%</b>	NW	179	<b>23.4%</b>	<b>37.9%</b>
White	1,380	<b>74.3%</b>	<b>64.7%</b>	White	496	<b>76.6%</b>	<b>62.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .652* sig.				Odds ratio Exp(B) <sup>7</sup> : .533* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.8%</b>	<b>13.3%</b>	<b>12.7%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>58.7%</b>	<b>19.7%</b>	<b>19.7%</b>	<b>1.9%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>81.3%</b>	<b>14.6%</b>	<b>3.2%</b>	<b>0.9%</b>			
Other	<b>77.6%</b>	<b>20.1%</b>	<b>2.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTPORT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,500</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.6%</b>	Citations per 1000	
	Passing through:	<b>65.4%</b>	18 + residents:	<b>113.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,417)				ITP Stops <sup>3</sup> (N = 398)			
Mean age				Mean age			
<b>40.97</b>				<b>40.26</b>			
Gender %				Gender %			
Female <b>42.5%</b>				Female <b>34.5%</b>			
Male <b>57.5%</b>				Male <b>65.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>1.1%</b>		Race %	Mis/Unk <sup>4</sup>	<b>0.5%</b>	
AA/Black	<b>5.4%</b>			AA/Black	<b>4.3%</b>		
Hispanic	<b>2.9%</b>			Hispanic	<b>2.0%</b>		
White	<b>90.6%</b>			White	<b>92.2%</b>		
Other	<b>1.0%</b>			Other	<b>1.5%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.4%</b>	<b>0.1%</b>	<b>5.3%</b>	AA/Black	<b>5.4%</b>	<b>14.5%</b>	<b>-9.1%</b>
Hispanic	<b>2.9%</b>	<b>1.7%</b>	<b>1.2%</b>	Hispanic	<b>2.9%</b>	<b>15.2%</b>	<b>-12.3%</b>
White	<b>90.6%</b>	<b>97.0%</b>	<b>-6.4%</b>	White	<b>90.6%</b>	<b>65.1%</b>	<b>25.5%</b>
Other	<b>1.0%</b>	<b>1.4%</b>	<b>-0.4%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	124	<b>7.6%</b>	<b>14.2%</b>	NW	29	<b>8.0%</b>	<b>8.2%</b>
White	1,198	<b>92.4%</b>	<b>85.8%</b>	White	331	<b>92.0%</b>	<b>91.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .963 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .485* sig.				Odds ratio Exp(B) <sup>7</sup> : .781 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.5%</b>	<b>7.5%</b>	<b>27.5%</b>	<b>2.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>41.3%</b>	<b>6.5%</b>	<b>39.1%</b>	<b>13.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>78.8%</b>	<b>10.4%</b>	<b>9.8%</b>	<b>1.0%</b>			
Other	<b>78.6%</b>	<b>14.3%</b>	<b>7.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WESTWOOD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,638</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.1%</b>	Citations per 1000	
	Passing through:	<b>88.9%</b>	18 + residents:	<b>215.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,590)				ITP Stops <sup>3</sup> (N = 1,258)			
Mean age				Mean age			
<b>38.98</b>				<b>38.68</b>			
Gender %				Gender %			
Female <b>41.5%</b>				Female <b>40.3%</b>			
Male <b>58.4%</b>				Male <b>59.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.2%</b>				Race % Mis/Unk <sup>4</sup> <b>4.6%</b>			
AA/Black <b>18.0%</b>				AA/Black <b>18.8%</b>			
Hispanic <b>9.0%</b>				Hispanic <b>9.9%</b>			
White <b>64.7%</b>				White <b>62.7%</b>			
Other <b>8.3%</b>				Other <b>8.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.0%</b>	<b>0.7%</b>	<b>17.3%</b>	AA/Black	<b>18.0%</b>	<b>14.5%</b>	<b>3.5%</b>
Hispanic	<b>9.0%</b>	<b>3.0%</b>	<b>6.0%</b>	Hispanic	<b>9.0%</b>	<b>15.2%</b>	<b>-6.2%</b>
White	<b>64.7%</b>	<b>84.4%</b>	<b>-19.7%</b>	White	<b>64.7%</b>	<b>65.1%</b>	<b>-0.4%</b>
Other	<b>8.3%</b>	<b>11.4%</b>	<b>-3.1%</b>	Other	<b>8.3%</b>	<b>5.2%</b>	<b>3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	823	<b>32.4%</b>	<b>40.4%</b>	NW	399	<b>37.2%</b>	<b>37.0%</b>
White	1,521	<b>67.6%</b>	<b>59.6%</b>	White	675	<b>62.8%</b>	<b>63.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .943 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .714* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.051 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.2%</b>	<b>7.9%</b>	<b>11.0%</b>	<b>0.9%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>77.6%</b>	<b>10.1%</b>	<b>10.1%</b>	<b>2.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>89.2%</b>	<b>6.1%</b>	<b>4.0%</b>	<b>0.7%</b>			
Other	<b>89.8%</b>	<b>7.8%</b>	<b>1.9%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WEYMOUTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>6,780</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.7%</b>	Citations per 1000	
	Passing through:	<b>63.3%</b>	18 + residents:	<b>143</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,480)				ITP Stops <sup>3</sup> (N = 2,038)			
Mean age				Mean age			
<b>39.9</b>				<b>38.59</b>			
Gender %				Gender %			
Female <b>40.9%</b>				Female <b>39.6%</b>			
Male <b>59.0%</b>				Male <b>60.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>4.5%</b>			
AA/Black <b>11.2%</b>				AA/Black <b>11.6%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>4.8%</b>			
White <b>81.0%</b>				White <b>79.8%</b>			
Other <b>3.8%</b>				Other <b>3.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.2%</b>	<b>5.6%</b>	<b>5.6%</b>	AA/Black	<b>11.2%</b>	<b>14.5%</b>	<b>-3.3%</b>
Hispanic	<b>4.1%</b>	<b>3.8%</b>	<b>0.3%</b>	Hispanic	<b>4.1%</b>	<b>15.2%</b>	<b>-11.1%</b>
White	<b>81.0%</b>	<b>81.6%</b>	<b>-0.6%</b>	White	<b>81.0%</b>	<b>65.1%</b>	<b>15.9%</b>
Other	<b>3.8%</b>	<b>8.5%</b>	<b>-4.7%</b>	Other	<b>3.8%</b>	<b>5.2%</b>	<b>-1.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,125	<b>15.9%</b>	<b>29.3%</b>	NW	353	<b>17.5%</b>	<b>24.7%</b>
White	4,837	<b>84.1%</b>	<b>70.7%</b>	White	1,424	<b>82.5%</b>	<b>75.3%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.000*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.445*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.570*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.3%</b>	<b>5.2%</b>	<b>10.6%</b>	<b>2.9%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>61.9%</b>	<b>13.7%</b>	<b>20.3%</b>	<b>4.1%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>90.0%</b>	<b>3.3%</b>	<b>5.2%</b>	<b>1.5%</b>			
Other	<b>93.8%</b>	<b>3.8%</b>	<b>2.1%</b>	<b>0.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WHATELY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>237</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.8%</b>	Citations per 1000	
	Passing through:	<b>90.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 234)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>42.41</b>				<b>N/A</b>			
Gender	%			Gender	%		
Female	<b>42.7%</b>			Female	<b>N/A</b>		
Male	<b>57.3%</b>			Male	<b>N/A</b>		
Non-binary	<b>0.0%</b>			Non-binary	<b>N/A</b>		
Race	%	Mis/Unk <sup>4</sup>	<b>0.0%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black	<b>7.3%</b>			AA/Black	<b>N/A</b>		
Hispanic	<b>4.3%</b>			Hispanic	<b>N/A</b>		
White	<b>86.8%</b>			White	<b>N/A</b>		
Other	<b>1.7%</b>			Other	<b>N/A</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.3%</b>	<b>14.5%</b>	<b>-7.2%</b>
Hispanic	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.3%</b>	<b>15.2%</b>	<b>-10.9%</b>
White	<b>86.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.8%</b>	<b>65.1%</b>	<b>21.7%</b>
Other	<b>1.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	30	<b>12.4%</b>	<b>16.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	192	<b>87.6%</b>	<b>83.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.440	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.717	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.8%</b>	<b>29.4%</b>	<b>11.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>40.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>67.0%</b>	<b>28.2%</b>	<b>3.9%</b>	<b>1.0%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.861	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WHITMAN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>365</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.2%</b>	Citations per 1000	
	Passing through:	<b>74.8%</b>	18 + residents:	<b>31.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 302)				ITP Stops <sup>3</sup> (N = 142)			
Mean age				Mean age			
<b>33.48</b>				<b>32.61</b>			
Gender %				Gender %			
Female <b>29.5%</b>				Female <b>31.2%</b>			
Male <b>70.5%</b>				Male <b>68.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>17.1%</b>				AA/Black <b>16.5%</b>			
Hispanic <b>7.0%</b>				Hispanic <b>5.0%</b>			
White <b>75.5%</b>				White <b>77.7%</b>			
Other <b>0.3%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.1%</b>	<b>1.9%</b>	<b>15.2%</b>	AA/Black	<b>17.1%</b>	<b>14.5%</b>	<b>2.6%</b>
Hispanic	<b>7.0%</b>	<b>2.5%</b>	<b>4.5%</b>	Hispanic	<b>7.0%</b>	<b>15.2%</b>	<b>-8.2%</b>
White	<b>75.5%</b>	<b>91.7%</b>	<b>-16.2%</b>	White	<b>75.5%</b>	<b>65.1%</b>	<b>10.4%</b>
Other	<b>0.3%</b>	<b>3.5%</b>	<b>-3.2%</b>	Other	<b>0.3%</b>	<b>5.2%</b>	<b>-4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	65	<b>21.0%</b>	<b>32.2%</b>	NW	25	<b>18.0%</b>	<b>30.4%</b>
White	198	<b>79.0%</b>	<b>67.8%</b>	White	98	<b>82.0%</b>	<b>69.6%</b>
Chi-square, X-tab <sup>6</sup> :		.048*	sig.	Chi-square, X-tab <sup>6</sup> :		.181	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.620	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.529	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>14.3%</b>	<b>55.6%</b>	<b>25.4%</b>	<b>4.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>3.6%</b>	<b>35.7%</b>	<b>60.7%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>18.6%</b>	<b>56.9%</b>	<b>20.4%</b>	<b>4.1%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WILBRAHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,854</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.5%</b>	Citations per 1000	
	Passing through:	<b>76.5%</b>	18 + residents:	<b>159.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,698)				ITP Stops <sup>3</sup> (N = 780)			
Mean age				Mean age			
<b>38.79</b>				<b>38.9</b>			
Gender %				Gender %			
Female <b>41.0%</b>				Female <b>41.2%</b>			
Male <b>59.0%</b>				Male <b>58.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>10.9%</b>				AA/Black <b>9.5%</b>			
Hispanic <b>10.1%</b>				Hispanic <b>10.1%</b>			
White <b>77.4%</b>				White <b>78.9%</b>			
Other <b>1.5%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.9%</b>	<b>3.2%</b>	<b>7.7%</b>	AA/Black	<b>10.9%</b>	<b>14.5%</b>	<b>-3.6%</b>
Hispanic	<b>10.1%</b>	<b>9.7%</b>	<b>0.4%</b>	Hispanic	<b>10.1%</b>	<b>15.2%</b>	<b>-5.1%</b>
White	<b>77.4%</b>	<b>85.3%</b>	<b>-7.9%</b>	White	<b>77.4%</b>	<b>65.1%</b>	<b>12.3%</b>
Other	<b>1.5%</b>	<b>2.7%</b>	<b>-1.2%</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	355	<b>20.0%</b>	<b>29.1%</b>	NW	150	<b>20.9%</b>	<b>23.0%</b>
White	1,170	<b>80.0%</b>	<b>70.9%</b>	White	541	<b>79.1%</b>	<b>77.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .525 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .647* sig.				Odds ratio Exp(B) <sup>7</sup> : .938 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.0%</b>	<b>2.5%</b>	<b>19.0%</b>	<b>6.5%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>77.0%</b>	<b>2.8%</b>	<b>16.3%</b>	<b>3.9%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>88.5%</b>	<b>2.9%</b>	<b>6.4%</b>	<b>2.2%</b>			
Other	<b>82.1%</b>	<b>7.1%</b>	<b>7.1%</b>	<b>3.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WILLIAMSBURG POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>147</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.8%</b>	Citations per 1000	
	Passing through:	<b>93.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 133)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>41.3</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>35.6%</b>				Female <b>N/A</b>			
Male <b>64.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>6.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.3%</b>				Hispanic <b>N/A</b>			
White <b>85.5%</b>				White <b>N/A</b>			
Other <b>0.8%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.5%</b>	<b>14.5%</b>	<b>-8.0%</b>
Hispanic	<b>7.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.3%</b>	<b>15.2%</b>	<b>-7.9%</b>
White	<b>85.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.5%</b>	<b>65.1%</b>	<b>20.4%</b>
Other	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	15	<b>9.6%</b>	<b>27.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	101	<b>90.4%</b>	<b>72.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .026* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .302 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>10.0%</b>	<b>20.0%</b>	<b>30.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>0.0%</b>	<b>70.0%</b>	<b>10.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>67.5%</b>	<b>10.5%</b>	<b>18.4%</b>	<b>3.5%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WILLIAMSTOWN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>355</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.5%</b>	Citations per 1000	
	Passing through:	<b>82.5%</b>	18 + residents:	<b>55.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 308)				ITP Stops <sup>3</sup> (N = 148)			
Mean age				Mean age			
<b>37.13</b>				<b>35.37</b>			
Gender %				Gender %			
Female <b>37.8%</b>				Female <b>37.8%</b>			
Male <b>62.2%</b>				Male <b>62.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>6.9%</b>				AA/Black <b>5.4%</b>			
Hispanic <b>1.3%</b>				Hispanic <b>0.7%</b>			
White <b>90.5%</b>				White <b>91.2%</b>			
Other <b>1.3%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>5.1%</b>	<b>1.8%</b>	AA/Black	<b>6.9%</b>	<b>14.5%</b>	<b>-7.6%</b>
Hispanic	<b>1.3%</b>	<b>6.1%</b>	<b>-4.8%</b>	Hispanic	<b>1.3%</b>	<b>15.2%</b>	<b>-13.9%</b>
White	<b>90.5%</b>	<b>79.1%</b>	<b>11.4%</b>	White	<b>90.5%</b>	<b>65.1%</b>	<b>25.4%</b>
Other	<b>1.3%</b>	<b>11.6%</b>	<b>-10.3%</b>	Other	<b>1.3%</b>	<b>5.2%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	<b>8.7%</b>	<b>11.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	250	<b>91.3%</b>	<b>88.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.475	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.709	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.2%</b>	<b>16.7%</b>	<b>4.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>65.4%</b>	<b>20.2%</b>	<b>11.5%</b>	<b>2.8%</b>			
Other	<b>25.0%</b>	<b>75.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.232	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WILMINGTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,549</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.2%</b>	Citations per 1000	
	Passing through:	<b>70.8%</b>	18 + residents:	<b>192.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,497)				ITP Stops <sup>3</sup> (N = 1,166)			
Mean age				Mean age			
<b>40.87</b>				<b>39.76</b>			
Gender %				Gender %			
Female <b>40.2%</b>				Female <b>39.6%</b>			
Male <b>59.8%</b>				Male <b>60.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>5.9%</b>				AA/Black <b>5.1%</b>			
Hispanic <b>8.1%</b>				Hispanic <b>9.1%</b>			
White <b>80.3%</b>				White <b>79.4%</b>			
Other <b>5.6%</b>				Other <b>6.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.9%</b>	<b>4.1%</b>	<b>1.8%</b>	AA/Black	<b>5.9%</b>	<b>14.5%</b>	<b>-8.6%</b>
Hispanic	<b>8.1%</b>	<b>1.0%</b>	<b>7.1%</b>	Hispanic	<b>8.1%</b>	<b>15.2%</b>	<b>-7.1%</b>
White	<b>80.3%</b>	<b>87.0%</b>	<b>-6.7%</b>	White	<b>80.3%</b>	<b>65.1%</b>	<b>15.2%</b>
Other	<b>5.6%</b>	<b>7.9%</b>	<b>-2.3%</b>	Other	<b>5.6%</b>	<b>5.2%</b>	<b>0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	639	<b>17.1%</b>	<b>28.9%</b>	NW	207	<b>18.8%</b>	<b>23.5%</b>
White	2,610	<b>82.9%</b>	<b>71.1%</b>	White	803	<b>81.2%</b>	<b>76.5%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.077	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.511*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.700	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.5%</b>	<b>11.7%</b>	<b>9.8%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>74.6%</b>	<b>13.2%</b>	<b>9.1%</b>	<b>3.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>85.3%</b>	<b>9.5%</b>	<b>4.1%</b>	<b>1.1%</b>			
Other	<b>88.7%</b>	<b>8.7%</b>	<b>2.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WINCHENDON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>478</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.2%</b>	Citations per 1000	
	Passing through:	<b>59.8%</b>	18 + residents:	<b>57.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 423)				ITP Stops <sup>3</sup> (N = 193)			
Mean age				Mean age			
<b>34.6</b>				<b>34.93</b>			
Gender %				Gender %			
Female <b>35.4%</b>				Female <b>37.0%</b>			
Male <b>64.6%</b>				Male <b>63.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>5.2%</b>			
AA/Black <b>3.0%</b>				AA/Black <b>2.7%</b>			
Hispanic <b>7.9%</b>				Hispanic <b>8.7%</b>			
White <b>87.9%</b>				White <b>88.0%</b>			
Other <b>1.2%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.0%</b>	<b>1.2%</b>	<b>1.8%</b>	AA/Black	<b>3.0%</b>	<b>14.5%</b>	<b>-11.5%</b>
Hispanic	<b>7.9%</b>	<b>3.2%</b>	<b>4.7%</b>	Hispanic	<b>7.9%</b>	<b>15.2%</b>	<b>-7.3%</b>
White	<b>87.9%</b>	<b>90.8%</b>	<b>-2.9%</b>	White	<b>87.9%</b>	<b>65.1%</b>	<b>22.8%</b>
Other	<b>1.2%</b>	<b>5.1%</b>	<b>-3.9%</b>	Other	<b>1.2%</b>	<b>5.2%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	44	<b>11.2%</b>	<b>12.1%</b>	NW	17	<b>10.4%</b>	<b>11.3%</b>
White	333	<b>88.8%</b>	<b>87.9%</b>	White	141	<b>89.6%</b>	<b>88.7%</b>
Chi-square, X-tab <sup>6</sup> : .803 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .863 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .925 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .898 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>35.7%</b>	<b>21.4%</b>	<b>35.7%</b>	<b>7.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>40.0%</b>	<b>25.7%</b>	<b>31.4%</b>	<b>2.9%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>50.5%</b>	<b>16.3%</b>	<b>31.2%</b>	<b>2.0%</b>			
Other	<b>66.7%</b>	<b>16.7%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .763 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WINCHESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>493</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.7%</b>	Citations per 1000	
	Passing through:	<b>61.3%</b>	18 + residents:	<b>30.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 411)				ITP Stops <sup>3</sup> (N = 186)			
Mean age				Mean age			
<b>41.71</b>				<b>40.32</b>			
Gender %				Gender %			
Female <b>46.9%</b>				Female <b>43.5%</b>			
Male <b>53.1%</b>				Male <b>56.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.0%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>4.5%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>6.1%</b>				Hispanic <b>4.5%</b>			
White <b>73.8%</b>				White <b>75.6%</b>			
Other <b>15.6%</b>				Other <b>15.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.5%</b>	<b>0.3%</b>	<b>4.2%</b>	AA/Black	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
Hispanic	<b>6.1%</b>	<b>2.1%</b>	<b>4.0%</b>	Hispanic	<b>6.1%</b>	<b>15.2%</b>	<b>-9.1%</b>
White	<b>73.8%</b>	<b>79.5%</b>	<b>-5.7%</b>	White	<b>73.8%</b>	<b>65.1%</b>	<b>8.7%</b>
Other	<b>15.6%</b>	<b>17.3%</b>	<b>-1.7%</b>	Other	<b>15.6%</b>	<b>5.2%</b>	<b>10.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	91	<b>26.3%</b>	<b>29.8%</b>	NW	43	<b>26.0%</b>	<b>28.9%</b>
White	247	<b>73.7%</b>	<b>70.2%</b>	White	118	<b>74.0%</b>	<b>71.1%</b>
Chi-square, X-tab <sup>6</sup> :		.588	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.721	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.749	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.922	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>89.5%</b>	<b>0.0%</b>	<b>5.3%</b>	<b>5.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>51.5%</b>	<b>6.1%</b>	<b>39.4%</b>	<b>3.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>81.8%</b>	<b>8.7%</b>	<b>6.9%</b>	<b>2.7%</b>			
Other	<b>81.8%</b>	<b>12.1%</b>	<b>6.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WINTHROP POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>518</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>47.4%</b>	Citations per 1000	
	Passing through:	<b>52.6%</b>	18 + residents:	<b>34.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 500)				ITP Stops <sup>3</sup> (N = 133)			
Mean age				Mean age			
<b>38.04</b>				<b>39.52</b>			
Gender %				Gender %			
Female <b>29.7%</b>				Female <b>28.9%</b>			
Male <b>70.3%</b>				Male <b>71.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>6.4%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>14.2%</b>				Hispanic <b>10.6%</b>			
White <b>74.1%</b>				White <b>84.1%</b>			
Other <b>5.3%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>2.2%</b>	<b>4.2%</b>	AA/Black	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
Hispanic	<b>14.2%</b>	<b>9.5%</b>	<b>4.7%</b>	Hispanic	<b>14.2%</b>	<b>15.2%</b>	<b>-1.0%</b>
White	<b>74.1%</b>	<b>86.5%</b>	<b>-12.4%</b>	White	<b>74.1%</b>	<b>65.1%</b>	<b>9.0%</b>
Other	<b>5.3%</b>	<b>3.2%</b>	<b>2.1%</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	125	<b>18.9%</b>	<b>34.8%</b>	NW	20	<b>14.1%</b>	<b>18.6%</b>
White	350	<b>81.1%</b>	<b>65.2%</b>	White	103	<b>85.9%</b>	<b>81.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .491 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .387* sig.				Odds ratio Exp(B) <sup>7</sup> : .320 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.5%</b>	<b>21.2%</b>	<b>15.2%</b>	<b>9.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>54.3%</b>	<b>10.0%</b>	<b>28.6%</b>	<b>7.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>66.0%</b>	<b>15.8%</b>	<b>15.3%</b>	<b>2.9%</b>			
Other	<b>85.2%</b>	<b>11.1%</b>	<b>3.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .011* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WOBURN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,645</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.7%</b>	Citations per 1000	
	Passing through:	<b>61.3%</b>	18 + residents:	<b>81.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,523)				ITP Stops <sup>3</sup> (N = 1,154)			
Mean age				Mean age			
<b>41.47</b>				<b>41.43</b>			
Gender %				Gender %			
Female <b>44.4%</b>				Female <b>44.4%</b>			
Male <b>55.5%</b>				Male <b>55.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>6.6%</b>				AA/Black <b>5.8%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>8.4%</b>			
White <b>76.1%</b>				White <b>75.9%</b>			
Other <b>8.7%</b>				Other <b>9.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.6%</b>	<b>5.9%</b>	<b>0.7%</b>	AA/Black	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
Hispanic	<b>8.6%</b>	<b>4.6%</b>	<b>4.0%</b>	Hispanic	<b>8.6%</b>	<b>15.2%</b>	<b>-6.6%</b>
White	<b>76.1%</b>	<b>77.4%</b>	<b>-1.3%</b>	White	<b>76.1%</b>	<b>65.1%</b>	<b>11.0%</b>
Other	<b>8.7%</b>	<b>11.4%</b>	<b>-2.7%</b>	Other	<b>8.7%</b>	<b>5.2%</b>	<b>3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	540	<b>22.8%</b>	<b>32.3%</b>	NW	244	<b>22.6%</b>	<b>29.2%</b>
White	1,730	<b>77.2%</b>	<b>67.7%</b>	White	799	<b>77.4%</b>	<b>70.8%</b>
Chi-square, X-tab <sup>6</sup> :		.001*	sig.	Chi-square, X-tab <sup>6</sup> :		.112	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.607*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.656	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.1%</b>	<b>9.8%</b>	<b>6.4%</b>	<b>1.7%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>70.0%</b>	<b>14.8%</b>	<b>13.5%</b>	<b>1.8%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>89.2%</b>	<b>7.1%</b>	<b>3.2%</b>	<b>0.4%</b>			
Other	<b>89.1%</b>	<b>10.4%</b>	<b>0.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WORCESTER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,283</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>62.1%</b>	Citations per 1000	
	Passing through:	<b>37.9%</b>	18 + residents:	<b>15.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,986)				ITP Stops <sup>3</sup> (N = 989)			
Mean age				Mean age			
<b>37.16</b>				<b>36.56</b>			
Gender %				Gender %			
Female <b>39.2%</b>				Female <b>41.9%</b>			
Male <b>60.7%</b>				Male <b>58.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.2%</b>				Race % Mis/Unk <sup>4</sup> <b>5.9%</b>			
AA/Black <b>15.6%</b>				AA/Black <b>15.0%</b>			
Hispanic <b>24.5%</b>				Hispanic <b>22.6%</b>			
White <b>55.1%</b>				White <b>55.7%</b>			
Other <b>4.8%</b>				Other <b>6.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.6%</b>	<b>13.3%</b>	<b>2.3%</b>	AA/Black	<b>15.6%</b>	<b>14.5%</b>	<b>1.1%</b>
Hispanic	<b>24.5%</b>	<b>21.9%</b>	<b>2.6%</b>	Hispanic	<b>24.5%</b>	<b>15.2%</b>	<b>9.3%</b>
White	<b>55.1%</b>	<b>55.2%</b>	<b>-0.1%</b>	White	<b>55.1%</b>	<b>65.1%</b>	<b>-10.0%</b>
Other	<b>4.8%</b>	<b>12.1%</b>	<b>-7.3%</b>	Other	<b>4.8%</b>	<b>5.2%</b>	<b>-0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	715	<b>43.4%</b>	<b>62.0%</b>	NW	387	<b>42.9%</b>	<b>56.9%</b>
White	873	<b>56.6%</b>	<b>38.0%</b>	White	493	<b>57.1%</b>	<b>43.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .029* sig.			
Odds ratio Exp(B) <sup>7</sup> : .509* sig.				Odds ratio Exp(B) <sup>7</sup> : .527* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.3%</b>	<b>23.6%</b>	<b>18.5%</b>	<b>6.7%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>38.5%</b>	<b>26.6%</b>	<b>20.8%</b>	<b>14.1%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>60.3%</b>	<b>24.4%</b>	<b>11.2%</b>	<b>4.1%</b>			
Other	<b>81.3%</b>	<b>13.2%</b>	<b>3.3%</b>	<b>2.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### WRENTHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,561</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>280.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,522)				ITP Stops <sup>3</sup> (N = 1,089)			
Mean age				Mean age			
<b>39.99</b>				<b>39.39</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>40.3%</b>			
Male <b>58.7%</b>				Male <b>59.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.5%</b>				Race % Mis/Unk <sup>4</sup> <b>7.8%</b>			
AA/Black <b>8.6%</b>				AA/Black <b>8.0%</b>			
Hispanic <b>6.2%</b>				Hispanic <b>7.8%</b>			
White <b>82.1%</b>				White <b>81.3%</b>			
Other <b>3.0%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.6%</b>	<b>2.9%</b>	<b>5.7%</b>	AA/Black	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
Hispanic	<b>6.2%</b>	<b>2.9%</b>	<b>3.3%</b>	Hispanic	<b>6.2%</b>	<b>15.2%</b>	<b>-9.0%</b>
White	<b>82.1%</b>	<b>92.7%</b>	<b>-10.6%</b>	White	<b>82.1%</b>	<b>65.1%</b>	<b>17.0%</b>
Other	<b>3.0%</b>	<b>1.5%</b>	<b>1.5%</b>	Other	<b>3.0%</b>	<b>5.2%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	381	<b>16.7%</b>	<b>20.6%</b>	NW	159	<b>23.7%</b>	<b>8.2%</b>
White	1,766	<b>83.3%</b>	<b>79.4%</b>	White	688	<b>76.3%</b>	<b>91.8%</b>
Chi-square, X-tab <sup>6</sup> : .031* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .691* sig.				Odds ratio Exp(B) <sup>7</sup> : 3.569* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>88.2%</b>	<b>4.9%</b>	<b>6.4%</b>	<b>0.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>72.6%</b>	<b>9.6%</b>	<b>15.8%</b>	<b>2.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>90.2%</b>	<b>6.6%</b>	<b>2.2%</b>	<b>1.0%</b>			
Other	<b>94.2%</b>	<b>5.8%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### YARMOUTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,426</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.5%</b>	Citations per 1000	
	Passing through:	<b>63.5%</b>	18 + residents:	<b>71.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,328)				ITP Stops <sup>3</sup> (N = 482)			
Mean age				Mean age			
<b>42.02</b>				<b>40.15</b>			
Gender %				Gender %			
Female <b>37.9%</b>				Female <b>36.1%</b>			
Male <b>62.1%</b>				Male <b>63.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>12.6%</b>				AA/Black <b>12.7%</b>			
Hispanic <b>6.5%</b>				Hispanic <b>5.6%</b>			
White <b>79.8%</b>				White <b>80.4%</b>			
Other <b>1.1%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.6%</b>	<b>2.4%</b>	<b>10.2%</b>	AA/Black	<b>12.6%</b>	<b>14.5%</b>	<b>-1.9%</b>
Hispanic	<b>6.5%</b>	<b>2.7%</b>	<b>3.8%</b>	Hispanic	<b>6.5%</b>	<b>15.2%</b>	<b>-8.7%</b>
White	<b>79.8%</b>	<b>89.2%</b>	<b>-9.4%</b>	White	<b>79.8%</b>	<b>65.1%</b>	<b>14.7%</b>
Other	<b>1.1%</b>	<b>5.5%</b>	<b>-4.4%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	251	<b>18.7%</b>	<b>25.2%</b>	NW	84	<b>19.4%</b>	<b>17.9%</b>
White	1,003	<b>81.3%</b>	<b>74.8%</b>	White	357	<b>80.6%</b>	<b>82.1%</b>
Chi-square, X-tab <sup>6</sup> : .021* sig.				Chi-square, X-tab <sup>6</sup> : .747 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .711 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.063 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.9%</b>	<b>3.9%</b>	<b>20.8%</b>	<b>8.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>55.7%</b>	<b>12.4%</b>	<b>24.7%</b>	<b>7.2%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>76.0%</b>	<b>6.4%</b>	<b>12.1%</b>	<b>5.5%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 BOSTON POLICE DEPARTMENT**

### **2022 Boston Police Department Districts<sup>39</sup>**

**District A-1:** Downtown Boston and Charlestown

**District A-7:** East Boston

**District B-2:** Roxbury

**District B-3:** Mattapan

**District C-6:** South Boston

**District C-11:** Dorchester

**District D-4:** South End

**District D-14:** Brighton

**District E-5:** West Roxbury

**District E-13:** Jamaica Plain

**District E-18:** Hyde Park

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<sup>39</sup>The Boston Police Department (BPD) district information obtained from the Boston Police Department official website at: <https://www.boston.gov/departments/police#districts>. Rates for BPD districts are based on total City of Boston population as individual district populations were not available.



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT A-1

Total Citations <sup>1</sup> : <b>951</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.5%</b>	Citations per 1000	
	Passing through:	<b>91.5%</b>	18 + residents:	<b>1.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 913)				ITP Stops <sup>3</sup> (N = 275)			
Mean age				Mean age			
<b>42.35</b>				<b>42.67</b>			
Gender %				Gender %			
Female <b>29.9%</b>				Female <b>30.9%</b>			
Male <b>70.0%</b>				Male <b>69.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.6%</b>				Race % Mis/Unk <sup>4</sup> <b>13.1%</b>			
AA/Black <b>26.2%</b>				AA/Black <b>24.3%</b>			
Hispanic <b>11.2%</b>				Hispanic <b>10.9%</b>			
White <b>50.6%</b>				White <b>55.2%</b>			
Other <b>12.0%</b>				Other <b>9.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>26.2%</b>	<b>25.2%</b>	<b>1.0%</b>	AA/Black	<b>26.2%</b>	<b>14.5%</b>	<b>11.7%</b>
Hispanic	<b>11.2%</b>	<b>19.8%</b>	<b>-8.6%</b>	Hispanic	<b>11.2%</b>	<b>15.2%</b>	<b>-4.0%</b>
White	<b>50.6%</b>	<b>44.5%</b>	<b>6.1%</b>	White	<b>50.6%</b>	<b>65.1%</b>	<b>-14.5%</b>
Other	<b>12.0%</b>	<b>15.4%</b>	<b>-3.4%</b>	Other	<b>12.0%</b>	<b>5.2%</b>	<b>6.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	378	<b>46.3%</b>	<b>59.4%</b>	NW	93	<b>41.8%</b>	<b>44.0%</b>
White	392	<b>53.7%</b>	<b>40.6%</b>	White	127	<b>58.2%</b>	<b>56.0%</b>
Chi-square, X-tab <sup>6</sup> : .003* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .779 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .572* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .535 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.2%</b>	<b>44.3%</b>	<b>5.4%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>69.1%</b>	<b>26.6%</b>	<b>3.2%</b>	<b>1.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>56.5%</b>	<b>40.1%</b>	<b>3.0%</b>	<b>0.5%</b>			
Other	<b>51.0%</b>	<b>48.0%</b>	<b>1.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .029* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT A-7

Total Citations <sup>1</sup> : <b>1,567</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.8%</b>	Citations per 1000	
	Passing through:	<b>68.2%</b>	18 + residents:	<b>2.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,458)				ITP Stops <sup>3</sup> (N = 676)			
Mean age				Mean age			
<b>38.32</b>				<b>36.57</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>26.9%</b>			
Male <b>72.1%</b>				Male <b>72.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>20.3%</b>				Race % Mis/Unk <sup>4</sup> <b>28.4%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>12.8%</b>			
Hispanic <b>44.3%</b>				Hispanic <b>40.3%</b>			
White <b>39.1%</b>				White <b>41.9%</b>			
Other <b>5.3%</b>				Other <b>5.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>25.2%</b>	<b>-13.9%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>44.3%</b>	<b>19.8%</b>	<b>24.5%</b>	Hispanic	<b>44.3%</b>	<b>15.2%</b>	<b>29.1%</b>
White	<b>39.1%</b>	<b>44.5%</b>	<b>-5.4%</b>	White	<b>39.1%</b>	<b>65.1%</b>	<b>-26.0%</b>
Other	<b>5.3%</b>	<b>15.4%</b>	<b>-10.1%</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	651	<b>59.7%</b>	<b>64.7%</b>	NW	251	<b>58.1%</b>	<b>59.0%</b>
White	412	<b>40.3%</b>	<b>35.3%</b>	White	178	<b>41.9%</b>	<b>41.0%</b>
Chi-square, X-tab <sup>6</sup> :		.117	not sig.	Chi-square, X-tab <sup>6</sup> :		.843	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.776	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.947	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.4%</b>	<b>22.4%</b>	<b>11.2%</b>	<b>0.0%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>72.4%</b>	<b>13.7%</b>	<b>13.2%</b>	<b>0.7%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>81.6%</b>	<b>10.3%</b>	<b>7.9%</b>	<b>0.2%</b>			
Other	<b>89.1%</b>	<b>10.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT B-2

Total Citations <sup>1</sup> : <b>1,223</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.7%</b>	Citations per 1000	
	Passing through:	<b>86.3%</b>	18 + residents:	<b>2.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,157)				ITP Stops <sup>3</sup> (N = 387)			
Mean age				Mean age			
<b>37.31</b>				<b>36.49</b>			
Gender %				Gender %			
Female <b>31.2%</b>				Female <b>32.1%</b>			
Male <b>68.7%</b>				Male <b>67.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>14.4%</b>				Race % Mis/Unk <sup>4</sup> <b>20.4%</b>			
AA/Black <b>55.1%</b>				AA/Black <b>58.8%</b>			
Hispanic <b>21.2%</b>				Hispanic <b>16.9%</b>			
White <b>19.1%</b>				White <b>18.8%</b>			
Other <b>4.6%</b>				Other <b>5.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>55.1%</b>	<b>25.2%</b>	<b>29.9%</b>	AA/Black	<b>55.1%</b>	<b>14.5%</b>	<b>40.6%</b>
Hispanic	<b>21.2%</b>	<b>19.8%</b>	<b>1.4%</b>	Hispanic	<b>21.2%</b>	<b>15.2%</b>	<b>6.0%</b>
White	<b>19.1%</b>	<b>44.5%</b>	<b>-25.4%</b>	White	<b>19.1%</b>	<b>65.1%</b>	<b>-46.0%</b>
Other	<b>4.6%</b>	<b>15.4%</b>	<b>-10.8%</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	747	<b>79.5%</b>	<b>83.5%</b>	NW	212	<b>78.9%</b>	<b>86.8%</b>
White	173	<b>20.4%</b>	<b>16.5%</b>	White	50	<b>21.1%</b>	<b>13.2%</b>
Chi-square, X-tab <sup>6</sup> : .135 not sig.				Chi-square, X-tab <sup>6</sup> : .154 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .833 not sig.				Odds ratio Exp(B) <sup>7</sup> : .637 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.8%</b>	<b>24.1%</b>	<b>7.4%</b>	<b>1.7%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>82.0%</b>	<b>14.0%</b>	<b>4.1%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>85.3%</b>	<b>10.2%</b>	<b>3.6%</b>	<b>1.0%</b>			
Other	<b>89.6%</b>	<b>10.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT B-3

Total Citations <sup>1</sup> : <b>1,274</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.9%</b>	Citations per 1000	
	Passing through:	<b>87.1%</b>	18 + residents:	<b>2.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,148)				ITP Stops <sup>3</sup> (N = 472)			
Mean age				Mean age			
<b>35.3</b>				<b>35.75</b>			
Gender %				Gender %			
Female <b>32.4%</b>				Female <b>35.5%</b>			
Male <b>67.6%</b>				Male <b>64.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>16.6%</b>				Race % Mis/Unk <sup>4</sup> <b>23.7%</b>			
AA/Black <b>66.5%</b>				AA/Black <b>66.7%</b>			
Hispanic <b>17.6%</b>				Hispanic <b>16.9%</b>			
White <b>14.2%</b>				White <b>13.3%</b>			
Other <b>1.7%</b>				Other <b>3.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>66.5%</b>	<b>25.2%</b>	<b>41.3%</b>	AA/Black	<b>66.5%</b>	<b>14.5%</b>	<b>52.0%</b>
Hispanic	<b>17.6%</b>	<b>19.8%</b>	<b>-2.2%</b>	Hispanic	<b>17.6%</b>	<b>15.2%</b>	<b>2.4%</b>
White	<b>14.2%</b>	<b>44.5%</b>	<b>-30.3%</b>	White	<b>14.2%</b>	<b>65.1%</b>	<b>-50.9%</b>
Other	<b>1.7%</b>	<b>15.4%</b>	<b>-13.7%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	761	<b>86.0%</b>	<b>85.2%</b>	NW	278	<b>86.4%</b>	<b>86.2%</b>
White	127	<b>14.0%</b>	<b>14.8%</b>	White	44	<b>13.6%</b>	<b>13.8%</b>
Chi-square, X-tab <sup>6</sup> : .720 not sig.				Chi-square, X-tab <sup>6</sup> : .971 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.217 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.057 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>71.3%</b>	<b>15.5%</b>	<b>11.4%</b>	<b>1.8%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>69.5%</b>	<b>20.0%</b>	<b>8.9%</b>	<b>1.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>74.8%</b>	<b>13.2%</b>	<b>11.3%</b>	<b>0.7%</b>			
Other	<b>94.1%</b>	<b>5.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .404 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT C-6

Total Citations <sup>1</sup> : <b>5,868</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.3%</b>	Citations per 1000	
	Passing through:	<b>83.7%</b>	18 + residents:	<b>10.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,834)				ITP Stops <sup>3</sup> (N = 1,840)			
Mean age				Mean age			
<b>40.65</b>				<b>39.34</b>			
Gender %				Gender %			
Female <b>36.2%</b>				Female <b>37.0%</b>			
Male <b>63.7%</b>				Male <b>62.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>12.7%</b>				Race % Mis/Unk <sup>4</sup> <b>11.5%</b>			
AA/Black <b>23.8%</b>				AA/Black <b>25.4%</b>			
Hispanic <b>14.5%</b>				Hispanic <b>11.9%</b>			
White <b>54.5%</b>				White <b>56.0%</b>			
Other <b>7.1%</b>				Other <b>6.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>23.8%</b>	<b>25.2%</b>	<b>-1.4%</b>	AA/Black	<b>23.8%</b>	<b>14.5%</b>	<b>9.3%</b>
Hispanic	<b>14.5%</b>	<b>19.8%</b>	<b>-5.3%</b>	Hispanic	<b>14.5%</b>	<b>15.2%</b>	<b>-0.7%</b>
White	<b>54.5%</b>	<b>44.5%</b>	<b>10.0%</b>	White	<b>54.5%</b>	<b>65.1%</b>	<b>-10.6%</b>
Other	<b>7.1%</b>	<b>15.4%</b>	<b>-8.3%</b>	Other	<b>7.1%</b>	<b>5.2%</b>	<b>1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,160	<b>40.3%</b>	<b>59.5%</b>	NW	625	<b>42.0%</b>	<b>46.4%</b>
White	2,597	<b>59.7%</b>	<b>40.5%</b>	White	817	<b>58.0%</b>	<b>53.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .122 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .467* sig.				Odds ratio Exp(B) <sup>7</sup> : .683* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>95.7%</b>	<b>3.9%</b>	<b>0.3%</b>	<b>0.0%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>91.2%</b>	<b>7.6%</b>	<b>1.1%</b>	<b>0.1%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>97.4%</b>	<b>2.4%</b>	<b>0.1%</b>	<b>0.0%</b>			
Other	<b>97.3%</b>	<b>2.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT C-11

Total Citations <sup>1</sup> : <b>2,944</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>43.2%</b>	Citations per 1000	
	Passing through:	<b>56.8%</b>	18 + residents:	<b>5.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,743)				ITP Stops <sup>3</sup> (N = 946)			
Mean age				Mean age			
<b>38.85</b>				<b>40.04</b>			
Gender %				Gender %			
Female <b>34.5%</b>				Female <b>36.4%</b>			
Male <b>65.4%</b>				Male <b>63.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.7%</b>				Race % Mis/Unk <sup>4</sup> <b>11.2%</b>			
AA/Black <b>55.3%</b>				AA/Black <b>54.4%</b>			
Hispanic <b>15.2%</b>				Hispanic <b>8.6%</b>			
White <b>21.2%</b>				White <b>27.7%</b>			
Other <b>8.3%</b>				Other <b>9.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>55.3%</b>	<b>25.2%</b>	<b>30.1%</b>	AA/Black	<b>55.3%</b>	<b>14.5%</b>	<b>40.8%</b>
Hispanic	<b>15.2%</b>	<b>19.8%</b>	<b>-4.6%</b>	Hispanic	<b>15.2%</b>	<b>15.2%</b>	<b>0.0%</b>
White	<b>21.2%</b>	<b>44.5%</b>	<b>-23.3%</b>	White	<b>21.2%</b>	<b>65.1%</b>	<b>-43.9%</b>
Other	<b>8.3%</b>	<b>15.4%</b>	<b>-7.1%</b>	Other	<b>8.3%</b>	<b>5.2%</b>	<b>3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,861	<b>74.4%</b>	<b>84.1%</b>	NW	552	<b>68.9%</b>	<b>81.0%</b>
White	501	<b>25.6%</b>	<b>15.9%</b>	White	215	<b>31.1%</b>	<b>19.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .581* sig.				Odds ratio Exp(B) <sup>7</sup> : .575* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.7%</b>	<b>6.4%</b>	<b>6.6%</b>	<b>0.3%</b>	NW	<b>15</b>	<b>N/A</b>
Hispanic	<b>81.4%</b>	<b>12.8%</b>	<b>5.6%</b>	<b>0.2%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>88.5%</b>	<b>5.5%</b>	<b>5.3%</b>	<b>0.7%</b>			
Other	<b>95.9%</b>	<b>2.7%</b>	<b>1.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT D-4

Total Citations <sup>1</sup> : <b>2,688</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.2%</b>	Citations per 1000	
	Passing through:	<b>90.8%</b>	18 + residents:	<b>4.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,555)				ITP Stops <sup>3</sup> (N = 951)			
Mean age				Mean age			
<b>38.17</b>				<b>36.88</b>			
Gender %				Gender %			
Female <b>26.0%</b>				Female <b>24.7%</b>			
Male <b>73.8%</b>				Male <b>75.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>36.5%</b>				AA/Black <b>37.0%</b>			
Hispanic <b>14.0%</b>				Hispanic <b>10.6%</b>			
White <b>40.8%</b>				White <b>44.1%</b>			
Other <b>8.6%</b>				Other <b>8.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>36.5%</b>	<b>25.2%</b>	<b>11.3%</b>	AA/Black	<b>36.5%</b>	<b>14.5%</b>	<b>22.0%</b>
Hispanic	<b>14.0%</b>	<b>19.8%</b>	<b>-5.8%</b>	Hispanic	<b>14.0%</b>	<b>15.2%</b>	<b>-1.2%</b>
White	<b>40.8%</b>	<b>44.5%</b>	<b>-3.7%</b>	White	<b>40.8%</b>	<b>65.1%</b>	<b>-24.3%</b>
Other	<b>8.6%</b>	<b>15.4%</b>	<b>-6.8%</b>	Other	<b>8.6%</b>	<b>5.2%</b>	<b>3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,122	<b>52.3%</b>	<b>68.1%</b>	NW	339	<b>53.7%</b>	<b>56.7%</b>
White	789	<b>47.7%</b>	<b>31.9%</b>	White	280	<b>46.3%</b>	<b>43.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .482 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .497* sig.				Odds ratio Exp(B) <sup>7</sup> : .800 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.1%</b>	<b>15.6%</b>	<b>4.9%</b>	<b>0.4%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>77.5%</b>	<b>20.5%</b>	<b>2.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>86.0%</b>	<b>12.2%</b>	<b>1.7%</b>	<b>0.1%</b>			
Other	<b>88.2%</b>	<b>11.8%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT D-14

Total Citations <sup>1</sup> : <b>316</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.7%</b>	Citations per 1000	
	Passing through:	<b>84.3%</b>	18 + residents:	<b>0.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 280)				ITP Stops <sup>3</sup> (N = 135)			
Mean age				Mean age			
<b>38.06</b>				<b>37.32</b>			
Gender %				Gender %			
Female <b>30.5%</b>				Female <b>32.1%</b>			
Male <b>69.5%</b>				Male <b>67.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.6%</b>				Race % Mis/Unk <sup>4</sup> <b>8.9%</b>			
AA/Black <b>20.3%</b>				AA/Black <b>18.7%</b>			
Hispanic <b>12.1%</b>				Hispanic <b>7.3%</b>			
White <b>55.9%</b>				White <b>65.9%</b>			
Other <b>11.7%</b>				Other <b>8.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.3%</b>	<b>25.2%</b>	<b>-4.9%</b>	AA/Black	<b>20.3%</b>	<b>14.5%</b>	<b>5.8%</b>
Hispanic	<b>12.1%</b>	<b>19.8%</b>	<b>-7.7%</b>	Hispanic	<b>12.1%</b>	<b>15.2%</b>	<b>-3.1%</b>
White	<b>55.9%</b>	<b>44.5%</b>	<b>11.4%</b>	White	<b>55.9%</b>	<b>65.1%</b>	<b>-9.2%</b>
Other	<b>11.7%</b>	<b>15.4%</b>	<b>-3.7%</b>	Other	<b>11.7%</b>	<b>5.2%</b>	<b>6.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	99	<b>41.6%</b>	<b>48.6%</b>	NW	40	<b>28.4%</b>	<b>46.7%</b>
White	127	<b>58.4%</b>	<b>51.4%</b>	White	72	<b>71.6%</b>	<b>53.3%</b>
Chi-square, X-tab <sup>6</sup> : .319 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .047* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .880 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .265 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.7%</b>	<b>17.5%</b>	<b>8.8%</b>	<b>0.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>86.1%</b>	<b>11.1%</b>	<b>2.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>79.7%</b>	<b>17.7%</b>	<b>2.5%</b>	<b>0.0%</b>			
Other	<b>78.8%</b>	<b>18.2%</b>	<b>3.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .457 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT E-5

Total Citations <sup>1</sup> : <b>3,654</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.7%</b>	Citations per 1000	
	Passing through:	<b>82.3%</b>	18 + residents:	<b>6.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,612)				ITP Stops <sup>3</sup> (N = 1,184)			
Mean age				Mean age			
<b>43.62</b>				<b>44.69</b>			
Gender %				Gender %			
Female <b>50.9%</b>				Female <b>47.7%</b>			
Male <b>49.1%</b>				Male <b>52.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>6.2%</b>			
AA/Black <b>29.4%</b>				AA/Black <b>26.6%</b>			
Hispanic <b>19.5%</b>				Hispanic <b>16.1%</b>			
White <b>47.0%</b>				White <b>51.0%</b>			
Other <b>4.1%</b>				Other <b>6.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>29.4%</b>	<b>25.2%</b>	<b>4.2%</b>	AA/Black	<b>29.4%</b>	<b>14.5%</b>	<b>14.9%</b>
Hispanic	<b>19.5%</b>	<b>19.8%</b>	<b>-0.3%</b>	Hispanic	<b>19.5%</b>	<b>15.2%</b>	<b>4.3%</b>
White	<b>47.0%</b>	<b>44.5%</b>	<b>2.5%</b>	White	<b>47.0%</b>	<b>65.1%</b>	<b>-18.1%</b>
Other	<b>4.1%</b>	<b>15.4%</b>	<b>-11.3%</b>	Other	<b>4.1%</b>	<b>5.2%</b>	<b>-1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,725	<b>53.7%</b>	<b>50.3%</b>	NW	505	<b>50.2%</b>	<b>48.6%</b>
White	1,512	<b>46.3%</b>	<b>49.7%</b>	White	508	<b>49.8%</b>	<b>51.4%</b>
Chi-square, X-tab <sup>6</sup> : .205 not sig.				Chi-square, X-tab <sup>6</sup> : .677 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.119 not sig.				Odds ratio Exp(B) <sup>7</sup> : .914 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>95.3%</b>	<b>4.0%</b>	<b>0.7%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>92.7%</b>	<b>5.1%</b>	<b>1.8%</b>	<b>0.4%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>96.2%</b>	<b>2.9%</b>	<b>1.0%</b>	<b>0.0%</b>			
Other	<b>97.2%</b>	<b>2.8%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT E-13

Total Citations <sup>1</sup> : <b>466</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.9%</b>	Citations per 1000	
	Passing through:	<b>87.1%</b>	18 + residents:	<b>0.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 425)				ITP Stops <sup>3</sup> (N = 267)			
Mean age				Mean age			
<b>38.04</b>				<b>37.11</b>			
Gender %				Gender %			
Female <b>41.7%</b>				Female <b>42.6%</b>			
Male <b>58.3%</b>				Male <b>57.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.0%</b>				Race % Mis/Unk <sup>4</sup> <b>5.6%</b>			
AA/Black <b>38.9%</b>				AA/Black <b>36.5%</b>			
Hispanic <b>32.7%</b>				Hispanic <b>38.1%</b>			
White <b>24.8%</b>				White <b>22.2%</b>			
Other <b>3.6%</b>				Other <b>3.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>38.9%</b>	<b>25.2%</b>	<b>13.7%</b>	AA/Black	<b>38.9%</b>	<b>14.5%</b>	<b>24.4%</b>
Hispanic	<b>32.7%</b>	<b>19.8%</b>	<b>12.9%</b>	Hispanic	<b>32.7%</b>	<b>15.2%</b>	<b>17.5%</b>
White	<b>24.8%</b>	<b>44.5%</b>	<b>-19.7%</b>	White	<b>24.8%</b>	<b>65.1%</b>	<b>-40.3%</b>
Other	<b>3.6%</b>	<b>15.4%</b>	<b>-11.8%</b>	Other	<b>3.6%</b>	<b>5.2%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	271	<b>74.5%</b>	<b>75.0%</b>	NW	181	<b>78.1%</b>	<b>75.9%</b>
White	92	<b>25.5%</b>	<b>25.0%</b>	White	53	<b>21.9%</b>	<b>24.1%</b>
Chi-square, X-tab <sup>6</sup> : .926 not sig.				Chi-square, X-tab <sup>6</sup> : .715 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .978 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.096 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.4%</b>	<b>9.5%</b>	<b>14.9%</b>	<b>1.2%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>81.2%</b>	<b>12.0%</b>	<b>6.8%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>68.5%</b>	<b>18.0%</b>	<b>13.5%</b>	<b>0.0%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .037* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT DISTRICT E-18

Total Citations <sup>1</sup> : <b>2,426</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.2%</b>	Citations per 1000	
	Passing through:	<b>65.8%</b>	18 + residents:	<b>4.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,321)				ITP Stops <sup>3</sup> (N = 1,496)			
Mean age				Mean age			
<b>38.34</b>				<b>37.82</b>			
Gender %				Gender %			
Female <b>38.1%</b>				Female <b>38.1%</b>			
Male <b>61.9%</b>				Male <b>61.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>54.8%</b>				AA/Black <b>55.4%</b>			
Hispanic <b>23.9%</b>				Hispanic <b>24.6%</b>			
White <b>19.5%</b>				White <b>18.1%</b>			
Other <b>1.8%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>54.8%</b>	<b>25.2%</b>	<b>29.6%</b>	AA/Black	<b>54.8%</b>	<b>14.5%</b>	<b>40.3%</b>
Hispanic	<b>23.9%</b>	<b>19.8%</b>	<b>4.1%</b>	Hispanic	<b>23.9%</b>	<b>15.2%</b>	<b>8.7%</b>
White	<b>19.5%</b>	<b>44.5%</b>	<b>-25.0%</b>	White	<b>19.5%</b>	<b>65.1%</b>	<b>-45.6%</b>
Other	<b>1.8%</b>	<b>15.4%</b>	<b>-13.6%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,657	<b>80.1%</b>	<b>81.1%</b>	NW	1,084	<b>82.4%</b>	<b>77.7%</b>
White	405	<b>19.9%</b>	<b>18.9%</b>	White	249	<b>17.6%</b>	<b>22.3%</b>
Chi-square, X-tab <sup>6</sup> : .615 not sig.				Chi-square, X-tab <sup>6</sup> : .070 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .937 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.596* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.3%</b>	<b>11.3%</b>	<b>7.0%</b>	<b>0.5%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>78.9%</b>	<b>16.1%</b>	<b>4.8%</b>	<b>0.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>86.5%</b>	<b>9.3%</b>	<b>4.1%</b>	<b>0.2%</b>			
Other	<b>92.7%</b>	<b>7.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BOSTON POLICE DEPARTMENT SPECIAL OPERATIONS

Total Citations <sup>1</sup> : <b>4,999</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>8.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,919)				ITP Stops <sup>3</sup> (N = 1,257)			
Mean age				Mean age			
<b>41.46</b>				<b>40.86</b>			
Gender %				Gender %			
Female <b>33.6%</b>				Female <b>31.5%</b>			
Male <b>66.2%</b>				Male <b>68.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>17.0%</b>				Race % Mis/Unk <sup>4</sup> <b>11.9%</b>			
AA/Black <b>26.6%</b>				AA/Black <b>28.2%</b>			
Hispanic <b>14.3%</b>				Hispanic <b>8.8%</b>			
White <b>48.0%</b>				White <b>49.0%</b>			
Other <b>11.0%</b>				Other <b>14.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>26.6%</b>	<b>25.2%</b>	<b>1.4%</b>	AA/Black	<b>26.6%</b>	<b>14.5%</b>	<b>12.1%</b>
Hispanic	<b>14.3%</b>	<b>19.8%</b>	<b>-5.5%</b>	Hispanic	<b>14.3%</b>	<b>15.2%</b>	<b>-0.9%</b>
White	<b>48.0%</b>	<b>44.5%</b>	<b>3.5%</b>	White	<b>48.0%</b>	<b>65.1%</b>	<b>-17.1%</b>
Other	<b>11.0%</b>	<b>15.4%</b>	<b>-4.4%</b>	Other	<b>11.0%</b>	<b>5.2%</b>	<b>5.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,924	<b>51.5%</b>	<b>52.9%</b>	NW	499	<b>48.4%</b>	<b>53.0%</b>
White	1,796	<b>48.5%</b>	<b>47.1%</b>	White	489	<b>51.6%</b>	<b>47.0%</b>
Chi-square, X-tab <sup>6</sup> : .535 not sig.				Chi-square, X-tab <sup>6</sup> : .153 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .953 not sig.				Odds ratio Exp(B) <sup>7</sup> : .868 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.8%</b>	<b>9.2%</b>	<b>4.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>90.8%</b>	<b>9.0%</b>	<b>0.2%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>90.9%</b>	<b>8.2%</b>	<b>0.9%</b>	<b>0.1%</b>			
Other	<b>90.6%</b>	<b>9.2%</b>	<b>0.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### ALL BOSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>28,854</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>49.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 28,854)				ITP Stops <sup>3</sup> (N = 9,886)			
Mean age				Mean age			
<b>40.01</b>				<b>39.36</b>			
Gender %				Gender %			
Female <b>35.6%</b>				Female <b>35.7%</b>			
Male <b>64.3%</b>				Male <b>64.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>12.3%</b>				Race % Mis/Unk <sup>4</sup> <b>12.8%</b>			
AA/Black <b>35.7%</b>				AA/Black <b>37.2%</b>			
Hispanic <b>17.8%</b>				Hispanic <b>16.4%</b>			
White <b>39.7%</b>				White <b>39.5%</b>			
Other <b>6.8%</b>				Other <b>6.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>35.7%</b>	<b>25.2%</b>	<b>10.5%</b>	AA/Black	<b>35.7%</b>	<b>14.5%</b>	<b>21.2%</b>
Hispanic	<b>17.8%</b>	<b>19.8%</b>	<b>-2.0%</b>	Hispanic	<b>17.8%</b>	<b>15.2%</b>	<b>2.6%</b>
White	<b>39.7%</b>	<b>44.5%</b>	<b>-4.8%</b>	White	<b>39.7%</b>	<b>65.1%</b>	<b>-25.4%</b>
Other	<b>6.8%</b>	<b>15.4%</b>	<b>-8.6%</b>	Other	<b>6.8%</b>	<b>5.2%</b>	<b>1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	13,357	<b>56.5%</b>	<b>69.2%</b>	NW	4,659	<b>60.0%</b>	<b>60.7%</b>
White	8,924	<b>43.5%</b>	<b>30.8%</b>	White	3,082	<b>40.0%</b>	<b>39.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .564 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .571* sig.				Odds ratio Exp(B) <sup>7</sup> : .989 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.6%</b>	<b>10.6%</b>	<b>8.3%</b>	<b>0.4%</b>	NW	<b>82</b>	<b>76.6%</b>
Hispanic	<b>83.6%</b>	<b>11.9%</b>	<b>4.2%</b>	<b>0.3%</b>	White	<b>25</b>	<b>23.4%</b>
White	<b>89.4%</b>	<b>7.8%</b>	<b>2.7%</b>	<b>0.1%</b>			
Other	<b>89.8%</b>	<b>9.0%</b>	<b>1.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS STATE POLICE**

## **2022 Massachusetts State Police Troop Boundaries<sup>40</sup>**

**State Police Troop A-1:** Andover, Dracut, Dunstable, Lawrence, Lowell, Methuen, North Andover, North Reading, Reading, Tewksbury, Tyngsborough, and Wilmington

**State Police Troop A-2:** Amesbury, Boxford, Georgetown, Groveland, Hamilton, Haverhill, Ipswich, Merrimac, Newbury, Newburyport, Rowley, Salisbury, Topsfield, and West Newbury

**State Police Troop A-3:** Acton, Bedford, Billerica, Boxborough, Carlisle, Chelmsford, Concord, Lexington, Lincoln, Littleton, Maynard, Stow, and Westford

**State Police Troop A-4:** Arlington, Burlington, Everett, Malden, Medford, Melrose, Somerville, Stoneham, Winchester, and Woburn

**State Police Troop A-5:** Chelsea, East Boston, Lynn, Revere and Winthrop

**State Police Troop A-6:** Beverly, Danvers, Essex, Gloucester, Lynnfield, Manchester, Marblehead, Middleton, Peabody, Rockport, Salem, Saugus, Swampscott, Wakefield, and Wenham

**State Police Troop B-1:** Alford, Lee, New Marlborough, Sheffield, Becket, Lenox, Otis, Stockbridge, Egremont, Monterey, Richmond, Tyringham, Great Barrington, Mount Washington, Sandisfield, and West Stockbridge

**State Police Troop B-2:** Ashfield, Bernardston, Buckland, Charlemont, Colrain, Conway, Deerfield, Gill, Greenfield, Hawley, Heath, Leyden, Monroe, Montague, Northfield, Rowe, and Shelburne

**State Police Troop B-3:** Agawam, Chicopee, East Longmeadow, Hampden, Longmeadow, Ludlow, Springfield, West Springfield, and Wilbraham

**State Police Troop B-4:** Adams, Cheshire, Clarksburg, Dalton, Florida, Hancock, Hinsdale, Lanesborough, New Ashford, North Adams, Peru, Pittsfield, Savoy, Washington, Williamstown, and Windsor

**State Police Troop B-5:** Blandford, Chester, Granville, Huntington, Middlefield, Montgomery, Russell, Southwick, Tolland, Westfield, and Worthington

**State Police Troop B-6:** Amherst, Chesterfield, Cummington, Easthampton, Goshen, Hadley, Hatfield, Holyoke, Leverett, Northampton, Plainfield, Southampton, South Hadley, Sunderland, Westhampton, Whately, and Williamsburg

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<sup>40</sup>Massachusetts State Police Troop boundary information obtained from: <https://www.mass.gov/info-details/massachusetts-state-police-troop-boundaries>

**State Police Troop B-8:** Responsible for patrolling the western most section of the Massachusetts Turnpike from the Ludlow-Chicopee town line to the New York State border.

**State Police Troop C-1:** Athol, Ashburnham, Erving, Gardner, Hubbardston, New Salem, Orange, Petersham, Phillipston, Royalston, Templeton, Warwick, Wendell, Westminster and Winchendon

**State Police Troop C-2:** Bellingham, Blackstone, Douglas, Grafton, Hopedale, Hopkinton, Marlborough, Mendon, Milford, Millbury, Millville, Northborough, Northbridge, Shrewsbury, Southborough, Sutton, Upton, Uxbridge and Westborough

**State Police Troop C-3:** Barre, Brookfield, East Brookfield, Leicester, New Braintree, North Brookfield, Oakham, Paxton, Spencer, Warren and West Brookfield

**State Police Troop C-4:** Ashby, Ayer, Berlin, Bolton, Fitchburg, Groton, Harvard, Hudson, Lancaster, Leominster, Lunenburg, Pepperell, Shirley and Townsend

**State Police Troop C-5:** Auburn, Brimfield, Charlton, Dudley, Holland, Monson, Oxford, Palmer, Southbridge, Sturbridge, Wales and Webster

**State Police Troop C-6:** Boylston, Clinton, Holden, Princeton, Rutland, Sterling, West Boylston and Worcester

**State Police Troop C-7:** Belchertown, Granby, Hardwick, Pelham, Shutesbury and Ware

**State Police Troop C-9:** Devens Commerce Center (near Ayer)

**State Police Troop C-10:** \*\*No info available\*\*

**State Police Troop D-1:** Abington, Cohasset, Duxbury, Hanover, Hanson, Hingham, Hull, North Kingston, North Marshfield, Norwell, Pembroke, Rockland, Scituate, Weymouth and Whitman

**State Police Troop D-2:** Barnstable, Brewster, Chatham, Dennis, Eastham, Harwich, Orleans, Provincetown, Truro, Wellfleet and Yarmouth

**State Police Troop D-3:** Acushnet, Dartmouth, Fairhaven, Fall River, Freetown, New Bedford, Somerset, Swansea and Westport

**State Police Troop D-4:** Berkley, Bridgewater, Brockton, Carver, Dighton, East Bridgewater, Easton, Halifax, Lakeville, Middleborough, Plympton, Raynham, Rehoboth, Seekonk, Taunton and West Bridgewater

**State Police Troop D-6:** Chilmark, Edgartown, Gay Head, Gosnold, Oak Bluffs and West Tisbury



**State Police Troop D-7:** Island of Nantucket

**State Police Troop F:** Logan Airport

**State Police Troop H-2:** The primary and high profile patrol area for SP Framingham is the Route 128 beltway around Boston, known as the Yankee Highway.

**State Police Troop H-3:** Their jurisdiction lies in several areas. It extends to the south on Route 95 to the Rhode Island border and on Route 495 to the Norton town line (this is Troop D). The barracks's boundaries then extend to the north on Route 95 to the Route 128/93 Interchange in Canton, and to the west on Route 495 to the Bellingham town line.

**State Police Troop H-4:** Station H-4, SP Boston Barracks is located at a major intersection which links Boston with the western suburbs and many other major interstate highways.

**State Police Troop H-5:** Station H-5, SP Brighton Barracks, patrols mostly DCR and state roadways and parks along the Charles River in the Boston and Cambridge areas.

**State Police Troop H-6:** Station H-6, SP South Boston Barracks shares the building complex with H Troop Headquarters on Day Boulevard at the head of Carson Beach in South Boston.

**State Police Troop H-7:** Station H-7, SP Milton Barracks is located at the foot of the Blue Hills Reservation, which includes Houghton's Pond, the Blue Hills Observatory, Chickatawbut Overlook, the Blue Hills Ski Area and the Trailside Museum.

**State Police Troop H-8:** SP Weston provides coverage up to the Allston-Brighton tolls on the Boston Extension and the Tunnel Division, or H-9, maintains jurisdiction for the remainder of Route 90 east of IC-19.

**State Police Troop H-9:** The Tunnels barracks covers 45 miles of highways, including all Big Dig roadways and the intricate system of highways, tunnels, ramps and connectors.

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE ACADEMY

Total Citations <sup>1</sup> : <b>824</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 780)				ITP Stops <sup>3</sup> (N = 257)			
Mean age				Mean age			
<b>36.51</b>				<b>36.69</b>			
Gender	%			Gender	%		
Female	<b>31.2%</b>			Female	<b>32.8%</b>		
Male	<b>68.6%</b>			Male	<b>67.2%</b>		
Non-binary	<b>0.1%</b>			Non-binary	<b>0.0%</b>		
Race	%	Mis/Unk <sup>4</sup>	<b>2.4%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>0.0%</b>
AA/Black	<b>16.2%</b>			AA/Black	<b>16.3%</b>		
Hispanic	<b>20.6%</b>			Hispanic	<b>19.1%</b>		
White	<b>58.0%</b>			White	<b>59.5%</b>		
Other	<b>5.3%</b>			Other	<b>5.1%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.2%</b>	<b>14.5%</b>	<b>1.7%</b>
Hispanic	<b>20.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.6%</b>	<b>15.2%</b>	<b>5.4%</b>
White	<b>58.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>58.0%</b>	<b>65.1%</b>	<b>-7.1%</b>
Other	<b>5.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	315	<b>38.4%</b>	<b>50.0%</b>	NW	99	<b>41.5%</b>	<b>39.3%</b>
White	431	<b>61.6%</b>	<b>50.0%</b>	White	144	<b>58.5%</b>	<b>60.7%</b>
Chi-square, X-tab <sup>6</sup> :		.003*	<i>sig.</i>	Chi-square, X-tab <sup>6</sup> :		.737	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.729	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.300	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.8%</b>	<b>30.3%</b>	<b>12.9%</b>	<b>6.1%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>55.2%</b>	<b>23.0%</b>	<b>15.8%</b>	<b>6.1%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>62.6%</b>	<b>30.1%</b>	<b>6.0%</b>	<b>1.3%</b>			
Other	<b>45.0%</b>	<b>47.5%</b>	<b>7.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE COMMERCIAL VEHICLE ENFORCEMENT

Total Citations <sup>1</sup> : <b>5,472</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,411)				ITP Stops <sup>3</sup> (N = 1,797)			
Mean age				Mean age			
<b>38.81</b>				<b>38.22</b>			
Gender %				Gender %			
Female <b>14.8%</b>				Female <b>15.4%</b>			
Male <b>85.2%</b>				Male <b>84.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>41.0%</b>				Race % Mis/Unk <sup>4</sup> <b>34.3%</b>			
AA/Black <b>14.9%</b>				AA/Black <b>16.0%</b>			
Hispanic <b>20.9%</b>				Hispanic <b>21.9%</b>			
White <b>60.3%</b>				White <b>57.7%</b>			
Other <b>3.9%</b>				Other <b>4.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.9%</b>	<b>14.5%</b>	<b>0.4%</b>
Hispanic	<b>20.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.9%</b>	<b>15.2%</b>	<b>5.7%</b>
White	<b>60.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.3%</b>	<b>65.1%</b>	<b>-4.8%</b>
Other	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.9%</b>	<b>5.2%</b>	<b>-1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,227	<b>39.4%</b>	<b>43.0%</b>	NW	458	<b>43.4%</b>	<b>41.4%</b>
White	1,853	<b>60.6%</b>	<b>57.0%</b>	White	610	<b>46.6%</b>	<b>58.6%</b>
Chi-square, X-tab <sup>6</sup> : .160 not sig.				Chi-square, X-tab <sup>6</sup> : .564 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .915 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.291 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.2%</b>	<b>36.0%</b>	<b>5.0%</b>	<b>0.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>42.2%</b>	<b>46.0%</b>	<b>9.9%</b>	<b>1.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>56.8%</b>	<b>39.0%</b>	<b>3.4%</b>	<b>0.8%</b>			
Other	<b>49.6%</b>	<b>48.0%</b>	<b>2.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE COMMUNITY ACTION

Total Citations <sup>1</sup> : <b>1,161</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,140)				ITP Stops <sup>3</sup> (N = 517)			
Mean age				Mean age			
<b>34.75</b>				<b>33.37</b>			
Gender %				Gender %			
Female <b>24.4%</b>				Female <b>24.4%</b>			
Male <b>75.4%</b>				Male <b>75.6%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>4.8%</b>			
AA/Black <b>34.4%</b>				AA/Black <b>39.2%</b>			
Hispanic <b>14.8%</b>				Hispanic <b>13.6%</b>			
White <b>45.9%</b>				White <b>42.9%</b>			
Other <b>4.9%</b>				Other <b>4.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>34.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>34.4%</b>	<b>14.5%</b>	<b>19.9%</b>
Hispanic	<b>14.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.8%</b>	<b>15.2%</b>	<b>-0.4%</b>
White	<b>45.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>45.9%</b>	<b>65.1%</b>	<b>-19.2%</b>
Other	<b>4.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.9%</b>	<b>5.2%</b>	<b>-0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	559	<b>48.2%</b>	<b>61.2%</b>	NW	251	<b>53.6%</b>	<b>61.1%</b>
White	485	<b>51.8%</b>	<b>38.8%</b>	White	195	<b>46.4%</b>	<b>38.9%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.127	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.570*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.558*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.2%</b>	<b>13.5%</b>	<b>5.7%</b>	<b>1.6%</b>	NW	<b>28</b>	<b>N/A</b>
Hispanic	<b>75.9%</b>	<b>14.5%</b>	<b>9.0%</b>	<b>0.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>73.2%</b>	<b>22.4%</b>	<b>3.4%</b>	<b>1.0%</b>			
Other	<b>64.9%</b>	<b>24.6%</b>	<b>5.3%</b>	<b>5.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE MOTORCYCLE SECTION

Total Citations <sup>1</sup> : <b>1,456</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,450)				ITP Stops <sup>3</sup> (N = 343)			
Mean age				Mean age			
<b>39.08</b>				<b>37.13</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>34.2%</b>			
Male <b>64.7%</b>				Male <b>65.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>17.5%</b>				AA/Black <b>17.2%</b>			
Hispanic <b>16.8%</b>				Hispanic <b>18.6%</b>			
White <b>58.5%</b>				White <b>58.0%</b>			
Other <b>7.2%</b>				Other <b>6.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>17.5%</b>	<b>14.5%</b>	<b>3.0%</b>
Hispanic	<b>16.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.8%</b>	<b>15.2%</b>	<b>1.6%</b>
White	<b>58.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>58.5%</b>	<b>65.1%</b>	<b>-6.6%</b>
Other	<b>7.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.2%</b>	<b>5.2%</b>	<b>2.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	583	<b>40.1%</b>	<b>53.8%</b>	NW	128	<b>41.2%</b>	<b>44.4%</b>
White	822	<b>59.9%</b>	<b>46.2%</b>	White	178	<b>58.8%</b>	<b>55.6%</b>
Chi-square, X-tab <sup>6</sup> : .002* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .637 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .595* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .751 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.1%</b>	<b>22.9%</b>	<b>3.6%</b>	<b>0.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>55.6%</b>	<b>39.1%</b>	<b>5.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>81.9%</b>	<b>16.9%</b>	<b>1.2%</b>	<b>0.0%</b>			
Other	<b>74.0%</b>	<b>22.1%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE GENERAL HEADQUARTERS

Total Citations <sup>1</sup> : <b>3,874</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,768)				ITP Stops <sup>3</sup> (N = 1,384)			
Mean age				Mean age			
<b>35.97</b>				<b>35.97</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>31.6%</b>			
Male <b>68.4%</b>				Male <b>68.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>14.3%</b>				AA/Black <b>12.3%</b>			
Hispanic <b>18.8%</b>				Hispanic <b>18.7%</b>			
White <b>60.7%</b>				White <b>62.6%</b>			
Other <b>6.2%</b>				Other <b>6.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.3%</b>	<b>14.5%</b>	<b>-0.2%</b>
Hispanic	<b>18.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.8%</b>	<b>15.2%</b>	<b>3.6%</b>
White	<b>60.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.7%</b>	<b>65.1%</b>	<b>-4.4%</b>
Other	<b>6.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.2%</b>	<b>5.2%</b>	<b>1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,360	<b>35.7%</b>	<b>45.7%</b>	NW	458	<b>36.9%</b>	<b>36.2%</b>
White	2,138	<b>64.3%</b>	<b>54.3%</b>	White	790	<b>63.1%</b>	<b>63.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .821 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .673* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.120 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>38.3%</b>	<b>48.6%</b>	<b>12.5%</b>	<b>0.6%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>34.3%</b>	<b>48.8%</b>	<b>14.7%</b>	<b>2.2%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>46.5%</b>	<b>47.2%</b>	<b>5.4%</b>	<b>0.9%</b>			
Other	<b>43.6%</b>	<b>49.1%</b>	<b>5.6%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A HEADQUARTERS

Total Citations <sup>1</sup> : <b>3,542</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,494)				ITP Stops <sup>3</sup> (N = 1,436)			
Mean age				Mean age			
<b>37.6</b>				<b>37</b>			
Gender %				Gender %			
Female <b>30.8%</b>				Female <b>29.9%</b>			
Male <b>69.2%</b>				Male <b>70.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>10.5%</b>				AA/Black <b>8.5%</b>			
Hispanic <b>21.8%</b>				Hispanic <b>22.5%</b>			
White <b>62.1%</b>				White <b>63.9%</b>			
Other <b>5.6%</b>				Other <b>5.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
Hispanic	<b>21.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.8%</b>	<b>15.2%</b>	<b>6.6%</b>
White	<b>62.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.1%</b>	<b>65.1%</b>	<b>-3.0%</b>
Other	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.6%</b>	<b>5.2%</b>	<b>0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,233	<b>38.0%</b>	<b>37.0%</b>	NW	451	<b>36.3%</b>	<b>34.2%</b>
White	2,035	<b>62.0%</b>	<b>63.0%</b>	White	811	<b>63.7%</b>	<b>65.8%</b>
Chi-square, X-tab <sup>6</sup> : .632 not sig.				Chi-square, X-tab <sup>6</sup> : .481 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.011 not sig.				Odds ratio Exp(B) <sup>7</sup> : .882 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.2%</b>	<b>35.5%</b>	<b>5.7%</b>	<b>1.6%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>52.8%</b>	<b>36.0%</b>	<b>8.4%</b>	<b>2.8%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>64.3%</b>	<b>30.6%</b>	<b>4.1%</b>	<b>1.0%</b>			
Other	<b>69.4%</b>	<b>30.1%</b>	<b>0.0%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-1

Total Citations <sup>1</sup> : <b>7,198</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,331)				ITP Stops <sup>3</sup> (N = 1,972)			
Mean age				Mean age			
<b>35.67</b>				<b>36.17</b>			
Gender %				Gender %			
Female <b>29.2%</b>				Female <b>28.2%</b>			
Male <b>70.8%</b>				Male <b>71.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>11.1%</b>				AA/Black <b>9.5%</b>			
Hispanic <b>30.3%</b>				Hispanic <b>28.7%</b>			
White <b>52.2%</b>				White <b>55.3%</b>			
Other <b>6.4%</b>				Other <b>6.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.1%</b>	<b>14.5%</b>	<b>-3.4%</b>
Hispanic	<b>30.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>30.3%</b>	<b>15.2%</b>	<b>15.1%</b>
White	<b>52.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>52.2%</b>	<b>65.1%</b>	<b>-12.9%</b>
Other	<b>6.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.4%</b>	<b>5.2%</b>	<b>1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,891	<b>41.8%</b>	<b>54.6%</b>	NW	773	<b>42.4%</b>	<b>47.2%</b>
White	3,161	<b>58.2%</b>	<b>45.4%</b>	White	971	<b>57.6%</b>	<b>52.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .046* sig.			
Odds ratio Exp(B) <sup>7</sup> : .612* sig.				Odds ratio Exp(B) <sup>7</sup> : .933 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.2%</b>	<b>22.7%</b>	<b>7.2%</b>	<b>3.9%</b>	NW	<b>22</b>	<b>N/A</b>
Hispanic	<b>62.1%</b>	<b>22.8%</b>	<b>12.4%</b>	<b>2.8%</b>	White	<b>28</b>	<b>N/A</b>
White	<b>68.1%</b>	<b>24.3%</b>	<b>5.2%</b>	<b>2.5%</b>			
Other	<b>64.0%</b>	<b>27.3%</b>	<b>5.8%</b>	<b>2.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-2

Total Citations <sup>1</sup> : <b>7,867</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,558)				ITP Stops <sup>3</sup> (N = 2,542)			
Mean age				Mean age			
<b>36.85</b>				<b>36.4</b>			
Gender %				Gender %			
Female <b>32.0%</b>				Female <b>30.7%</b>			
Male <b>68.0%</b>				Male <b>69.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>17.3%</b>				Hispanic <b>17.3%</b>			
White <b>71.8%</b>				White <b>73.8%</b>			
Other <b>4.0%</b>				Other <b>3.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.8%</b>	<b>14.5%</b>	<b>-7.7%</b>
Hispanic	<b>17.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.3%</b>	<b>15.2%</b>	<b>2.1%</b>
White	<b>71.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>71.8%</b>	<b>65.1%</b>	<b>6.7%</b>
Other	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.0%</b>	<b>5.2%</b>	<b>-1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,001	<b>23.2%</b>	<b>36.9%</b>	NW	567	<b>24.8%</b>	<b>27.8%</b>
White	5,106	<b>76.8%</b>	<b>63.1%</b>	White	1,624	<b>75.2%</b>	<b>72.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .120 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .502* sig.				Odds ratio Exp(B) <sup>7</sup> : .683* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.1%</b>	<b>27.9%</b>	<b>10.1%</b>	<b>3.8%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>57.9%</b>	<b>22.4%</b>	<b>16.8%</b>	<b>2.9%</b>	White	<b>26</b>	<b>N/A</b>
White	<b>66.7%</b>	<b>27.0%</b>	<b>4.6%</b>	<b>1.7%</b>			
Other	<b>64.8%</b>	<b>30.6%</b>	<b>4.2%</b>	<b>0.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-3

Total Citations <sup>1</sup> : <b>6,478</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,977)				ITP Stops <sup>3</sup> (N = 2,058)			
Mean age				Mean age			
<b>35.05</b>				<b>34.78</b>			
Gender %				Gender %			
Female <b>29.8%</b>				Female <b>29.1%</b>			
Male <b>70.0%</b>				Male <b>70.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.1%</b>				Race % Mis/Unk <sup>4</sup> <b>5.1%</b>			
AA/Black <b>15.7%</b>				AA/Black <b>12.1%</b>			
Hispanic <b>17.1%</b>				Hispanic <b>18.7%</b>			
White <b>56.8%</b>				White <b>59.1%</b>			
Other <b>10.4%</b>				Other <b>10.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>15.7%</b>	<b>14.5%</b>	<b>1.2%</b>
Hispanic	<b>17.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.1%</b>	<b>15.2%</b>	<b>1.9%</b>
White	<b>56.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>56.8%</b>	<b>65.1%</b>	<b>-8.3%</b>
Other	<b>10.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.4%</b>	<b>5.2%</b>	<b>5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,335	<b>38.8%</b>	<b>48.8%</b>	NW	715	<b>40.5%</b>	<b>41.0%</b>
White	3,069	<b>61.2%</b>	<b>51.2%</b>	White	1,045	<b>59.5%</b>	<b>59.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .828 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .634* sig.				Odds ratio Exp(B) <sup>7</sup> : .955 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.3%</b>	<b>22.9%</b>	<b>7.2%</b>	<b>1.6%</b>	NW	<b>10</b>	<b>N/A</b>
Hispanic	<b>59.0%</b>	<b>23.7%</b>	<b>14.7%</b>	<b>2.7%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>70.4%</b>	<b>23.9%</b>	<b>4.2%</b>	<b>1.5%</b>			
Other	<b>69.8%</b>	<b>24.8%</b>	<b>4.2%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-4

Total Citations <sup>1</sup> : <b>4,577</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,904)				ITP Stops <sup>3</sup> (N = 1,036)			
Mean age				Mean age			
<b>37.17</b>				<b>37.59</b>			
Gender %				Gender %			
Female <b>27.5%</b>				Female <b>27.7%</b>			
Male <b>72.4%</b>				Male <b>72.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>19.3%</b>				AA/Black <b>15.1%</b>			
Hispanic <b>27.4%</b>				Hispanic <b>26.6%</b>			
White <b>43.9%</b>				White <b>49.2%</b>			
Other <b>9.4%</b>				Other <b>9.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>19.3%</b>	<b>14.5%</b>	<b>4.8%</b>
Hispanic	<b>27.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>27.4%</b>	<b>15.2%</b>	<b>12.2%</b>
White	<b>43.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>43.9%</b>	<b>65.1%</b>	<b>-21.2%</b>
Other	<b>9.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>9.4%</b>	<b>5.2%</b>	<b>4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,101	<b>49.2%</b>	<b>64.2%</b>	NW	468	<b>46.8%</b>	<b>55.6%</b>
White	1,643	<b>50.8%</b>	<b>35.8%</b>	White	465	<b>53.2%</b>	<b>44.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .009* sig.			
Odds ratio Exp(B) <sup>7</sup> : .548* sig.				Odds ratio Exp(B) <sup>7</sup> : .715 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.7%</b>	<b>19.6%</b>	<b>9.8%</b>	<b>1.9%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>60.1%</b>	<b>21.1%</b>	<b>16.6%</b>	<b>2.2%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>77.7%</b>	<b>15.9%</b>	<b>5.2%</b>	<b>1.2%</b>			
Other	<b>72.7%</b>	<b>20.9%</b>	<b>5.4%</b>	<b>0.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-5

Total Citations <sup>1</sup> : <b>6,101</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,620)				ITP Stops <sup>3</sup> (N = 1,685)			
Mean age				Mean age			
<b>35.43</b>				<b>36.27</b>			
Gender %				Gender %			
Female <b>26.7%</b>				Female <b>27.9%</b>			
Male <b>73.3%</b>				Male <b>72.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>16.7%</b>				AA/Black <b>14.0%</b>			
Hispanic <b>42.2%</b>				Hispanic <b>38.4%</b>			
White <b>35.1%</b>				White <b>41.6%</b>			
Other <b>5.9%</b>				Other <b>6.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.7%</b>	<b>14.5%</b>	<b>2.2%</b>
Hispanic	<b>42.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>42.2%</b>	<b>15.2%</b>	<b>27.0%</b>
White	<b>35.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>35.1%</b>	<b>65.1%</b>	<b>-30.0%</b>
Other	<b>5.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,418	<b>58.0%</b>	<b>71.3%</b>	NW	871	<b>57.5%</b>	<b>60.2%</b>
White	1,836	<b>42.0%</b>	<b>28.7%</b>	White	620	<b>42.5%</b>	<b>39.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .321 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .560* sig.				Odds ratio Exp(B) <sup>7</sup> : .967 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.3%</b>	<b>15.8%</b>	<b>14.1%</b>	<b>1.9%</b>	NW	<b>29</b>	<b>N/A</b>
Hispanic	<b>56.7%</b>	<b>16.5%</b>	<b>22.5%</b>	<b>4.3%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>70.0%</b>	<b>17.7%</b>	<b>10.0%</b>	<b>2.3%</b>			
Other	<b>68.5%</b>	<b>17.6%</b>	<b>11.9%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP A-6

Total Citations <sup>1</sup> : <b>8,720</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,577)				ITP Stops <sup>3</sup> (N = 1,926)			
Mean age				Mean age			
<b>37.27</b>				<b>37.66</b>			
Gender %				Gender %			
Female <b>30.0%</b>				Female <b>28.6%</b>			
Male <b>70.0%</b>				Male <b>71.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>			
AA/Black <b>11.7%</b>				AA/Black <b>9.0%</b>			
Hispanic <b>19.8%</b>				Hispanic <b>19.4%</b>			
White <b>62.6%</b>				White <b>66.5%</b>			
Other <b>5.9%</b>				Other <b>5.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
Hispanic	<b>19.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.8%</b>	<b>15.2%</b>	<b>4.6%</b>
White	<b>62.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.6%</b>	<b>65.1%</b>	<b>-2.5%</b>
Other	<b>5.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,650	<b>30.1%</b>	<b>45.1%</b>	NW	556	<b>33.9%</b>	<b>33.6%</b>
White	4,403	<b>69.9%</b>	<b>54.9%</b>	White	1,089	<b>66.1%</b>	<b>66.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .893 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .519* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.011 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.2%</b>	<b>10.9%</b>	<b>12.3%</b>	<b>2.6%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>61.0%</b>	<b>11.8%</b>	<b>22.0%</b>	<b>5.2%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>76.2%</b>	<b>13.2%</b>	<b>7.3%</b>	<b>3.3%</b>			
Other	<b>79.4%</b>	<b>14.4%</b>	<b>4.0%</b>	<b>2.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B HEADQUARTERS

Total Citations <sup>1</sup> : <b>4,922</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,855)				ITP Stops <sup>3</sup> (N = 2,068)			
Mean age				Mean age			
<b>36.82</b>				<b>36.17</b>			
Gender %				Gender %			
Female <b>36.5%</b>				Female <b>34.9%</b>			
Male <b>63.5%</b>				Male <b>65.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>11.9%</b>			
Hispanic <b>19.3%</b>				Hispanic <b>20.9%</b>			
White <b>65.6%</b>				White <b>63.8%</b>			
Other <b>3.8%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>19.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.3%</b>	<b>15.2%</b>	<b>4.1%</b>
White	<b>65.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>65.6%</b>	<b>65.1%</b>	<b>0.5%</b>
Other	<b>3.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.8%</b>	<b>5.2%</b>	<b>-1.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,580	<b>33.1%</b>	<b>38.0%</b>	NW	679	<b>36.0%</b>	<b>36.4%</b>
White	3,029	<b>66.9%</b>	<b>62.0%</b>	White	1,199	<b>64.0%</b>	<b>63.6%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .875 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .739* sig.				Odds ratio Exp(B) <sup>7</sup> : .706* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.5%</b>	<b>41.7%</b>	<b>14.9%</b>	<b>2.9%</b>	NW	<b>15</b>	<b>N/A</b>
Hispanic	<b>43.9%</b>	<b>40.7%</b>	<b>14.2%</b>	<b>1.3%</b>	White	<b>34</b>	<b>N/A</b>
White	<b>43.8%</b>	<b>49.6%</b>	<b>5.6%</b>	<b>1.0%</b>			
Other	<b>39.2%</b>	<b>60.2%</b>	<b>0.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-1

Total Citations <sup>1</sup> : <b>4,743</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,683)				ITP Stops <sup>3</sup> (N = 1,488)			
Mean age				Mean age			
<b>38.51</b>				<b>38.55</b>			
Gender %				Gender %			
Female <b>37.0%</b>				Female <b>36.4%</b>			
Male <b>62.9%</b>				Male <b>63.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>11.2%</b>				AA/Black <b>10.4%</b>			
Hispanic <b>11.4%</b>				Hispanic <b>10.0%</b>			
White <b>73.0%</b>				White <b>75.7%</b>			
Other <b>4.4%</b>				Other <b>3.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.2%</b>	<b>14.5%</b>	<b>-3.3%</b>
Hispanic	<b>11.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.4%</b>	<b>15.2%</b>	<b>-3.8%</b>
White	<b>73.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>73.0%</b>	<b>65.1%</b>	<b>7.9%</b>
Other	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.4%</b>	<b>5.2%</b>	<b>-0.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,194	<b>26.0%</b>	<b>29.3%</b>	NW	319	<b>24.6%</b>	<b>24.1%</b>
White	3,217	<b>74.0%</b>	<b>70.7%</b>	White	988	<b>75.4%</b>	<b>75.9%</b>
Chi-square, X-tab <sup>6</sup> : .023* sig.				Chi-square, X-tab <sup>6</sup> : .846 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .842* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.024 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.6%</b>	<b>17.3%</b>	<b>12.7%</b>	<b>0.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>61.3%</b>	<b>22.1%</b>	<b>15.1%</b>	<b>1.5%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>77.1%</b>	<b>17.9%</b>	<b>4.3%</b>	<b>0.7%</b>			
Other	<b>77.5%</b>	<b>21.0%</b>	<b>1.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-2

Total Citations <sup>1</sup> : <b>4,517</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,391)				ITP Stops <sup>3</sup> (N = 1,219)			
Mean age				Mean age			
<b>37.19</b>				<b>36.04</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>34.7%</b>			
Male <b>62.3%</b>				Male <b>65.2%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>8.5%</b>				AA/Black <b>6.8%</b>			
Hispanic <b>9.3%</b>				Hispanic <b>12.0%</b>			
White <b>78.8%</b>				White <b>78.2%</b>			
Other <b>3.4%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.5%</b>	<b>14.5%</b>	<b>-6.0%</b>
Hispanic	<b>9.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.3%</b>	<b>15.2%</b>	<b>-5.9%</b>
White	<b>78.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>78.8%</b>	<b>65.1%</b>	<b>13.7%</b>
Other	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.4%</b>	<b>5.2%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	880	<b>18.1%</b>	<b>27.9%</b>	NW	233	<b>21.2%</b>	<b>22.3%</b>
White	3,300	<b>81.9%</b>	<b>72.1%</b>	White	848	<b>78.8%</b>	<b>77.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .701 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .559* sig.				Odds ratio Exp(B) <sup>7</sup> : .888 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.8%</b>	<b>22.1%</b>	<b>13.0%</b>	<b>8.1%</b>	NW	<b>10</b>	<b>N/A</b>
Hispanic	<b>56.0%</b>	<b>21.3%</b>	<b>17.7%</b>	<b>5.0%</b>	White	<b>29</b>	<b>N/A</b>
White	<b>72.0%</b>	<b>20.4%</b>	<b>4.5%</b>	<b>3.1%</b>			
Other	<b>61.7%</b>	<b>31.5%</b>	<b>4.7%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-3

Total Citations <sup>1</sup> : <b>7,861</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,499)				ITP Stops <sup>3</sup> (N = 2,269)			
Mean age				Mean age			
<b>34.28</b>				<b>35.26</b>			
Gender %				Gender %			
Female <b>36.0%</b>				Female <b>34.0%</b>			
Male <b>63.9%</b>				Male <b>65.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>18.2%</b>				AA/Black <b>19.5%</b>			
Hispanic <b>40.7%</b>				Hispanic <b>40.5%</b>			
White <b>37.8%</b>				White <b>36.9%</b>			
Other <b>3.3%</b>				Other <b>3.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.2%</b>	<b>14.5%</b>	<b>3.7%</b>
Hispanic	<b>40.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>40.7%</b>	<b>15.2%</b>	<b>25.5%</b>
White	<b>37.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>37.8%</b>	<b>65.1%</b>	<b>-27.3%</b>
Other	<b>3.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.3%</b>	<b>5.2%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,453	<b>59.7%</b>	<b>66.5%</b>	NW	1,289	<b>63.2%</b>	<b>63.5%</b>
White	2,691	<b>40.3%</b>	<b>33.5%</b>	White	747	<b>36.8%</b>	<b>36.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .918 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .772* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.048 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.7%</b>	<b>23.4%</b>	<b>18.3%</b>	<b>3.5%</b>	NW	<b>32</b>	<b>N/A</b>
Hispanic	<b>52.7%</b>	<b>23.0%</b>	<b>20.4%</b>	<b>3.9%</b>	White	<b>20</b>	<b>N/A</b>
White	<b>64.0%</b>	<b>27.6%</b>	<b>6.5%</b>	<b>1.9%</b>			
Other	<b>57.0%</b>	<b>35.5%</b>	<b>5.6%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-4

Total Citations <sup>1</sup> : <b>4,252</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,187)				ITP Stops <sup>3</sup> (N = 1,338)			
Mean age				Mean age			
<b>37.9</b>				<b>37.88</b>			
Gender %				Gender %			
Female <b>39.2%</b>				Female <b>38.2%</b>			
Male <b>60.7%</b>				Male <b>61.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>8.5%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>6.2%</b>				Hispanic <b>6.4%</b>			
White <b>84.0%</b>				White <b>85.8%</b>			
Other <b>1.3%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.5%</b>	<b>14.5%</b>	<b>-6.0%</b>
Hispanic	<b>6.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>6.2%</b>	<b>15.2%</b>	<b>-9.0%</b>
White	<b>84.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>84.0%</b>	<b>65.1%</b>	<b>18.9%</b>
Other	<b>1.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.3%</b>	<b>5.2%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	631	<b>13.9%</b>	<b>20.3%</b>	NW	160	<b>13.3%</b>	<b>14.9%</b>
White	3,317	<b>86.1%</b>	<b>79.7%</b>	White	985	<b>86.7%</b>	<b>85.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .421 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .651* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.175 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.0%</b>	<b>16.7%</b>	<b>13.9%</b>	<b>1.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>63.6%</b>	<b>22.2%</b>	<b>12.3%</b>	<b>1.9%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>74.3%</b>	<b>19.1%</b>	<b>5.6%</b>	<b>0.9%</b>			
Other	<b>77.8%</b>	<b>16.7%</b>	<b>3.7%</b>	<b>1.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-5

Total Citations <sup>1</sup> : <b>3,355</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,282)				ITP Stops <sup>3</sup> (N = 832)			
Mean age				Mean age			
<b>35.13</b>				<b>36.34</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>35.1%</b>			
Male <b>63.9%</b>				Male <b>64.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black <b>9.5%</b>				AA/Black <b>7.3%</b>			
Hispanic <b>21.7%</b>				Hispanic <b>18.8%</b>			
White <b>66.1%</b>				White <b>71.5%</b>			
Other <b>2.6%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.5%</b>	<b>14.5%</b>	<b>-5.0%</b>
Hispanic	<b>21.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.7%</b>	<b>15.2%</b>	<b>6.5%</b>
White	<b>66.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>66.1%</b>	<b>65.1%</b>	<b>1.0%</b>
Other	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,068	<b>29.8%</b>	<b>38.0%</b>	NW	210	<b>29.1%</b>	<b>28.1%</b>
White	2,067	<b>70.2%</b>	<b>62.0%</b>	White	521	<b>70.9%</b>	<b>71.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .772 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .704* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.021 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>67.3%</b>	<b>20.5%</b>	<b>11.5%</b>	<b>0.6%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>61.8%</b>	<b>21.6%</b>	<b>15.2%</b>	<b>1.4%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>75.6%</b>	<b>17.9%</b>	<b>4.8%</b>	<b>1.6%</b>			
Other	<b>68.6%</b>	<b>26.7%</b>	<b>4.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-6

Total Citations <sup>1</sup> : <b>7,485</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,313)				ITP Stops <sup>3</sup> (N = 2,303)			
Mean age				Mean age			
<b>36.29</b>				<b>36.2</b>			
Gender %				Gender %			
Female <b>38.2%</b>				Female <b>37.6%</b>			
Male <b>61.5%</b>				Male <b>62.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>			
AA/Black <b>12.1%</b>				AA/Black <b>12.0%</b>			
Hispanic <b>21.5%</b>				Hispanic <b>23.0%</b>			
White <b>62.3%</b>				White <b>60.7%</b>			
Other <b>4.1%</b>				Other <b>4.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.1%</b>	<b>14.5%</b>	<b>-2.4%</b>
Hispanic	<b>21.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.5%</b>	<b>15.2%</b>	<b>6.3%</b>
White	<b>62.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.3%</b>	<b>65.1%</b>	<b>-2.8%</b>
Other	<b>4.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.1%</b>	<b>5.2%</b>	<b>-1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,560	<b>32.2%</b>	<b>46.0%</b>	NW	769	<b>35.5%</b>	<b>43.7%</b>
White	4,285	<b>67.8%</b>	<b>54.0%</b>	White	1,223	<b>64.5%</b>	<b>56.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .562* sig.				Odds ratio Exp(B) <sup>7</sup> : .757* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.2%</b>	<b>21.4%</b>	<b>14.0%</b>	<b>2.4%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>59.1%</b>	<b>23.6%</b>	<b>15.4%</b>	<b>1.9%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>72.7%</b>	<b>21.6%</b>	<b>4.0%</b>	<b>1.6%</b>			
Other	<b>68.5%</b>	<b>26.1%</b>	<b>4.1%</b>	<b>1.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP B-8

Total Citations <sup>1</sup> : <b>6,010</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,809)				ITP Stops <sup>3</sup> (N = 1,867)			
Mean age				Mean age			
<b>36.02</b>				<b>36.4</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>35.7%</b>			
Male <b>64.7%</b>				Male <b>64.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>12.5%</b>				AA/Black <b>11.9%</b>			
Hispanic <b>18.3%</b>				Hispanic <b>18.2%</b>			
White <b>63.5%</b>				White <b>65.0%</b>			
Other <b>5.7%</b>				Other <b>5.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.5%</b>	<b>14.5%</b>	<b>-2.0%</b>
Hispanic	<b>18.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.3%</b>	<b>15.2%</b>	<b>3.1%</b>
White	<b>63.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.5%</b>	<b>65.1%</b>	<b>-1.6%</b>
Other	<b>5.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.7%</b>	<b>5.2%</b>	<b>0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,989	<b>34.6%</b>	<b>41.2%</b>	NW	582	<b>35.9%</b>	<b>35.4%</b>
White	3,418	<b>65.4%</b>	<b>58.8%</b>	White	1,045	<b>64.1%</b>	<b>64.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .870 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .763* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.009 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.1%</b>	<b>25.8%</b>	<b>10.3%</b>	<b>1.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>62.6%</b>	<b>19.0%</b>	<b>16.2%</b>	<b>2.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>72.3%</b>	<b>21.8%</b>	<b>4.2%</b>	<b>1.6%</b>			
Other	<b>70.4%</b>	<b>24.0%</b>	<b>4.4%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C HEADQUARTERS

Total Citations <sup>1</sup> : <b>3,763</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,739)				ITP Stops <sup>3</sup> (N = 1,662)			
Mean age				Mean age			
<b>36.28</b>				<b>36.06</b>			
Gender %				Gender %			
Female <b>30.0%</b>				Female <b>30.2%</b>			
Male <b>70.0%</b>				Male <b>69.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %	Mis/Unk <sup>4</sup>	<b>1.1%</b>		Race %	Mis/Unk <sup>4</sup>	<b>0.7%</b>	
AA/Black	<b>11.7%</b>			AA/Black	<b>10.6%</b>		
Hispanic	<b>20.7%</b>			Hispanic	<b>21.2%</b>		
White	<b>61.6%</b>			White	<b>62.0%</b>		
Other	<b>5.9%</b>			Other	<b>6.2%</b>		

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
Hispanic	<b>20.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.7%</b>	<b>15.2%</b>	<b>5.5%</b>
White	<b>61.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>61.6%</b>	<b>65.1%</b>	<b>-3.5%</b>
Other	<b>5.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,357	<b>36.9%</b>	<b>44.3%</b>	NW	572	<b>35.8%</b>	<b>42.8%</b>
White	2,192	<b>63.1%</b>	<b>55.7%</b>	White	948	<b>64.2%</b>	<b>57.2%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .014* sig.			
Odds ratio Exp(B) <sup>7</sup> : .802* sig.				Odds ratio Exp(B) <sup>7</sup> : .961 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.5%</b>	<b>35.6%</b>	<b>11.2%</b>	<b>0.7%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>50.1%</b>	<b>34.5%</b>	<b>13.7%</b>	<b>1.7%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>55.3%</b>	<b>40.8%</b>	<b>3.5%</b>	<b>0.4%</b>			
Other	<b>51.6%</b>	<b>43.3%</b>	<b>4.1%</b>	<b>0.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-1

Total Citations <sup>1</sup> : <b>7,174</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,055)				ITP Stops <sup>3</sup> (N = 1,981)			
Mean age				Mean age			
<b>35.64</b>				<b>36.32</b>			
Gender %				Gender %			
Female <b>37.7%</b>				Female <b>33.0%</b>			
Male <b>62.2%</b>				Male <b>66.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>7.8%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>12.9%</b>				Hispanic <b>13.2%</b>			
White <b>74.7%</b>				White <b>76.0%</b>			
Other <b>4.6%</b>				Other <b>4.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.8%</b>	<b>14.5%</b>	<b>-6.7%</b>
Hispanic	<b>12.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>12.9%</b>	<b>15.2%</b>	<b>-2.3%</b>
White	<b>74.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>74.7%</b>	<b>65.1%</b>	<b>9.6%</b>
Other	<b>4.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,716	<b>25.2%</b>	<b>25.8%</b>	NW	417	<b>23.9%</b>	<b>24.0%</b>
White	5,050	<b>74.8%</b>	<b>74.2%</b>	White	1,327	<b>76.1%</b>	<b>76.0%</b>
Chi-square, X-tab <sup>6</sup> : .622 not sig.				Chi-square, X-tab <sup>6</sup> : .939 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .985 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.053 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.4%</b>	<b>28.5%</b>	<b>6.3%</b>	<b>0.7%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>57.3%</b>	<b>29.2%</b>	<b>12.2%</b>	<b>1.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>68.5%</b>	<b>27.5%</b>	<b>3.6%</b>	<b>0.4%</b>			
Other	<b>63.9%</b>	<b>34.9%</b>	<b>1.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-2

Total Citations <sup>1</sup> : <b>7,512</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,219)				ITP Stops <sup>3</sup> (N = 2,337)			
Mean age				Mean age			
<b>36.08</b>				<b>36.05</b>			
Gender %				Gender %			
Female <b>32.8%</b>				Female <b>31.7%</b>			
Male <b>67.2%</b>				Male <b>68.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>13.1%</b>				AA/Black <b>10.7%</b>			
Hispanic <b>21.4%</b>				Hispanic <b>22.2%</b>			
White <b>59.8%</b>				White <b>61.7%</b>			
Other <b>5.7%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.1%</b>	<b>14.5%</b>	<b>-1.4%</b>
Hispanic	<b>21.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.4%</b>	<b>15.2%</b>	<b>6.2%</b>
White	<b>59.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>59.8%</b>	<b>65.1%</b>	<b>-5.3%</b>
Other	<b>5.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.7%</b>	<b>5.2%</b>	<b>0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,785	<b>34.2%</b>	<b>48.6%</b>	NW	808	<b>36.1%</b>	<b>43.0%</b>
White	4,108	<b>65.8%</b>	<b>51.4%</b>	White	1,285	<b>63.9%</b>	<b>57.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .002* sig.			
Odds ratio Exp(B) <sup>7</sup> : .548* sig.				Odds ratio Exp(B) <sup>7</sup> : .773* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.0%</b>	<b>28.2%</b>	<b>12.5%</b>	<b>2.3%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>51.1%</b>	<b>24.1%</b>	<b>21.0%</b>	<b>3.8%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>60.1%</b>	<b>32.4%</b>	<b>5.9%</b>	<b>1.6%</b>			
Other	<b>58.7%</b>	<b>36.1%</b>	<b>4.1%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-3

Total Citations <sup>1</sup> : <b>4,521</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,469)				ITP Stops <sup>3</sup> (N = 1,376)			
Mean age				Mean age			
<b>36</b>				<b>35.27</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>36.4%</b>			
Male <b>63.1%</b>				Male <b>63.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>12.0%</b>				AA/Black <b>9.9%</b>			
Hispanic <b>19.2%</b>				Hispanic <b>19.7%</b>			
White <b>65.1%</b>				White <b>66.9%</b>			
Other <b>3.7%</b>				Other <b>3.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
Hispanic	<b>19.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.2%</b>	<b>15.2%</b>	<b>4.0%</b>
White	<b>65.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>65.1%</b>	<b>65.1%</b>	<b>0.0%</b>
Other	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.7%</b>	<b>5.2%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,488	<b>29.9%</b>	<b>45.4%</b>	NW	406	<b>33.3%</b>	<b>33.1%</b>
White	2,764	<b>70.1%</b>	<b>54.6%</b>	White	816	<b>66.7%</b>	<b>66.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .935 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .523* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.461* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.9%</b>	<b>14.7%</b>	<b>13.3%</b>	<b>1.1%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>63.2%</b>	<b>17.1%</b>	<b>17.5%</b>	<b>2.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>84.6%</b>	<b>11.0%</b>	<b>4.0%</b>	<b>0.4%</b>			
Other	<b>79.8%</b>	<b>11.7%</b>	<b>7.4%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-4

Total Citations <sup>1</sup> : <b>7,565</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,261)				ITP Stops <sup>3</sup> (N = 2,249)			
Mean age				Mean age			
<b>35.94</b>				<b>35.96</b>			
Gender %				Gender %			
Female <b>31.7%</b>				Female <b>31.2%</b>			
Male <b>68.2%</b>				Male <b>68.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>9.4%</b>				Race % Mis/Unk <sup>4</sup> <b>13.8%</b>			
AA/Black <b>12.9%</b>				AA/Black <b>10.4%</b>			
Hispanic <b>22.7%</b>				Hispanic <b>22.3%</b>			
White <b>58.6%</b>				White <b>62.3%</b>			
Other <b>5.9%</b>				Other <b>5.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.9%</b>	<b>14.5%</b>	<b>-1.6%</b>
Hispanic	<b>22.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>22.7%</b>	<b>15.2%</b>	<b>7.5%</b>
White	<b>58.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>58.6%</b>	<b>65.1%</b>	<b>-6.5%</b>
Other	<b>5.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,648	<b>37.1%</b>	<b>48.0%</b>	NW	657	<b>35.2%</b>	<b>43.8%</b>
White	3,734	<b>62.9%</b>	<b>52.0%</b>	White	1,096	<b>64.8%</b>	<b>56.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .644* sig.				Odds ratio Exp(B) <sup>7</sup> : .733* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.9%</b>	<b>32.4%</b>	<b>11.1%</b>	<b>1.6%</b>	NW	<b>10</b>	<b>N/A</b>
Hispanic	<b>46.9%</b>	<b>35.8%</b>	<b>14.8%</b>	<b>2.5%</b>	White	<b>28</b>	<b>N/A</b>
White	<b>51.8%</b>	<b>41.6%</b>	<b>4.7%</b>	<b>1.9%</b>			
Other	<b>47.2%</b>	<b>47.0%</b>	<b>3.8%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-5

Total Citations <sup>1</sup> : <b>10,226</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,961)				ITP Stops <sup>3</sup> (N = 2,952)			
Mean age				Mean age			
<b>36.12</b>				<b>36.45</b>			
Gender %				Gender %			
Female <b>29.7%</b>				Female <b>29.7%</b>			
Male <b>70.2%</b>				Male <b>70.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>14.4%</b>				AA/Black <b>13.6%</b>			
Hispanic <b>18.9%</b>				Hispanic <b>19.2%</b>			
White <b>59.8%</b>				White <b>61.8%</b>			
Other <b>6.9%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.4%</b>	<b>14.5%</b>	<b>-0.1%</b>
Hispanic	<b>18.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.9%</b>	<b>15.2%</b>	<b>3.7%</b>
White	<b>59.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>59.8%</b>	<b>65.1%</b>	<b>-5.3%</b>
Other	<b>6.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.9%</b>	<b>5.2%</b>	<b>1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,806	<b>33.7%</b>	<b>49.7%</b>	NW	981	<b>34.8%</b>	<b>42.1%</b>
White	5,674	<b>66.3%</b>	<b>50.3%</b>	White	1,624	<b>65.2%</b>	<b>57.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .514* sig.				Odds ratio Exp(B) <sup>7</sup> : .827 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.4%</b>	<b>24.2%</b>	<b>12.0%</b>	<b>5.3%</b>	NW	<b>69</b>	<b>69.0%</b>
Hispanic	<b>59.4%</b>	<b>22.4%</b>	<b>14.4%</b>	<b>3.8%</b>	White	<b>31</b>	<b>31.0%</b>
White	<b>69.8%</b>	<b>24.2%</b>	<b>4.2%</b>	<b>1.8%</b>			
Other	<b>61.8%</b>	<b>32.9%</b>	<b>4.1%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-6

Total Citations <sup>1</sup> : <b>9,216</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 8,709)				ITP Stops <sup>3</sup> (N = 2,442)			
Mean age				Mean age			
<b>35.2</b>				<b>36.12</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>33.3%</b>			
Male <b>65.9%</b>				Male <b>66.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>16.1%</b>				AA/Black <b>12.6%</b>			
Hispanic <b>24.9%</b>				Hispanic <b>23.9%</b>			
White <b>53.7%</b>				White <b>58.2%</b>			
Other <b>5.3%</b>				Other <b>5.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.1%</b>	<b>14.5%</b>	<b>1.6%</b>
Hispanic	<b>24.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>24.9%</b>	<b>15.2%</b>	<b>9.7%</b>
White	<b>53.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>53.7%</b>	<b>65.1%</b>	<b>-11.4%</b>
Other	<b>5.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,836	<b>43.7%</b>	<b>53.0%</b>	NW	896	<b>39.7%</b>	<b>47.3%</b>
White	4,412	<b>56.3%</b>	<b>47.0%</b>	White	1,241	<b>60.3%</b>	<b>52.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .703* sig.				Odds ratio Exp(B) <sup>7</sup> : .769* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.6%</b>	<b>23.8%</b>	<b>10.8%</b>	<b>1.8%</b>	NW	<b>25</b>	<b>N/A</b>
Hispanic	<b>57.2%</b>	<b>25.8%</b>	<b>14.8%</b>	<b>2.2%</b>	White	<b>28</b>	<b>N/A</b>
White	<b>68.7%</b>	<b>25.4%</b>	<b>4.9%</b>	<b>1.0%</b>			
Other	<b>68.5%</b>	<b>25.2%</b>	<b>5.2%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-7

Total Citations <sup>1</sup> : <b>4,437</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,395)				ITP Stops <sup>3</sup> (N = 1,366)			
Mean age				Mean age			
<b>36.59</b>				<b>36.98</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>35.8%</b>			
Male <b>63.7%</b>				Male <b>64.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>8.5%</b>				AA/Black <b>7.9%</b>			
Hispanic <b>12.4%</b>				Hispanic <b>11.0%</b>			
White <b>76.1%</b>				White <b>77.3%</b>			
Other <b>2.9%</b>				Other <b>3.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.5%</b>	<b>14.5%</b>	<b>-6.0%</b>
Hispanic	<b>12.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>12.4%</b>	<b>15.2%</b>	<b>-2.8%</b>
White	<b>76.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.1%</b>	<b>65.1%</b>	<b>11.0%</b>
Other	<b>2.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	999	<b>22.6%</b>	<b>27.3%</b>	NW	277	<b>24.5%</b>	<b>21.6%</b>
White	3,141	<b>77.4%</b>	<b>72.7%</b>	White	906	<b>75.5%</b>	<b>78.4%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .250 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .745* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.042 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.1%</b>	<b>7.5%</b>	<b>11.1%</b>	<b>0.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>73.5%</b>	<b>9.5%</b>	<b>15.0%</b>	<b>2.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>87.0%</b>	<b>7.3%</b>	<b>4.9%</b>	<b>0.8%</b>			
Other	<b>89.0%</b>	<b>8.7%</b>	<b>2.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-9 (DEVENS)

Total Citations <sup>1</sup> : <b>426</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 409)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.91</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>35.7%</b>				Female <b>N/A</b>			
Male <b>64.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>13.8%</b>				AA/Black <b>N/A</b>			
Hispanic <b>28.9%</b>				Hispanic <b>N/A</b>			
White <b>49.7%</b>				White <b>N/A</b>			
Other <b>7.5%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.8%</b>	<b>14.5%</b>	<b>-0.7%</b>
Hispanic	<b>28.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>28.9%</b>	<b>15.2%</b>	<b>13.7%</b>
White	<b>49.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>49.7%</b>	<b>65.1%</b>	<b>-15.4%</b>
Other	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.5%</b>	<b>5.2%</b>	<b>2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	195	<b>47.6%</b>	<b>65.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	189	<b>52.4%</b>	<b>34.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .008* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .382* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>93.1%</b>	<b>1.7%</b>	<b>5.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>87.3%</b>	<b>5.9%</b>	<b>6.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>89.4%</b>	<b>7.2%</b>	<b>3.4%</b>	<b>0.0%</b>			
Other	<b>80.6%</b>	<b>19.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .040* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP C-10

Total Citations <sup>1</sup> : <b>10,625</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 10,134)				ITP Stops <sup>3</sup> (N = 2,769)			
Mean age				Mean age			
<b>35.06</b>				<b>35.5</b>			
Gender %				Gender %			
Female <b>28.4%</b>				Female <b>28.5%</b>			
Male <b>71.5%</b>				Male <b>71.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>18.3%</b>				AA/Black <b>16.7%</b>			
Hispanic <b>21.3%</b>				Hispanic <b>21.8%</b>			
White <b>51.6%</b>				White <b>53.1%</b>			
Other <b>8.7%</b>				Other <b>8.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.3%</b>	<b>14.5%</b>	<b>3.8%</b>
Hispanic	<b>21.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.3%</b>	<b>15.2%</b>	<b>6.1%</b>
White	<b>51.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>51.6%</b>	<b>65.1%</b>	<b>-13.5%</b>
Other	<b>8.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.7%</b>	<b>5.2%</b>	<b>3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,632	<b>47.4%</b>	<b>50.6%</b>	NW	1,131	<b>49.0%</b>	<b>44.9%</b>
White	4,900	<b>52.6%</b>	<b>49.4%</b>	White	1,251	<b>51.0%</b>	<b>55.1%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .052 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .892* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.185 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.0%</b>	<b>21.5%</b>	<b>9.8%</b>	<b>2.7%</b>	NW	<b>36</b>	<b>N/A</b>
Hispanic	<b>58.3%</b>	<b>19.5%</b>	<b>18.3%</b>	<b>3.8%</b>	White	<b>21</b>	<b>N/A</b>
White	<b>70.7%</b>	<b>21.9%</b>	<b>5.5%</b>	<b>1.9%</b>			
Other	<b>64.2%</b>	<b>31.5%</b>	<b>3.6%</b>	<b>0.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D HEADQUARTERS

Total Citations <sup>1</sup> : <b>14,401</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 14,226)				ITP Stops <sup>3</sup> (N = 3,163)			
Mean age				Mean age			
<b>35.95</b>				<b>34.95</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>30.9%</b>			
Male <b>64.2%</b>				Male <b>69.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>19.3%</b>				AA/Black <b>20.2%</b>			
Hispanic <b>15.0%</b>				Hispanic <b>17.0%</b>			
White <b>62.9%</b>				White <b>60.3%</b>			
Other <b>2.8%</b>				Other <b>2.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>19.3%</b>	<b>14.5%</b>	<b>4.8%</b>
Hispanic	<b>15.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.0%</b>	<b>15.2%</b>	<b>-0.2%</b>
White	<b>62.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.9%</b>	<b>65.1%</b>	<b>-2.2%</b>
Other	<b>2.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.8%</b>	<b>5.2%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	5,102	<b>36.2%</b>	<b>42.5%</b>	NW	1,145	<b>39.0%</b>	<b>43.3%</b>
White	8,645	<b>63.8%</b>	<b>57.5%</b>	White	1,704	<b>61.0%</b>	<b>56.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .034* sig.			
Odds ratio Exp(B) <sup>7</sup> : .790* sig.				Odds ratio Exp(B) <sup>7</sup> : .912 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>38.7%</b>	<b>50.6%</b>	<b>7.8%</b>	<b>2.9%</b>	NW	<b>105</b>	<b>36.2%</b>
Hispanic	<b>30.4%</b>	<b>57.4%</b>	<b>8.3%</b>	<b>3.9%</b>	White	<b>185</b>	<b>63.8%</b>
White	<b>46.0%</b>	<b>49.9%</b>	<b>2.8%</b>	<b>1.3%</b>			
Other	<b>35.2%</b>	<b>61.6%</b>	<b>3.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-1

Total Citations <sup>1</sup> : <b>8,141</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,772)				ITP Stops <sup>3</sup> (N = 2,369)			
Mean age				Mean age			
<b>38.22</b>				<b>38.46</b>			
Gender %				Gender %			
Female <b>37.1%</b>				Female <b>35.0%</b>			
Male <b>62.8%</b>				Male <b>64.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>8.8%</b>				AA/Black <b>8.3%</b>			
Hispanic <b>7.8%</b>				Hispanic <b>9.3%</b>			
White <b>79.8%</b>				White <b>79.1%</b>			
Other <b>3.6%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.8%</b>	<b>14.5%</b>	<b>-5.7%</b>
Hispanic	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.8%</b>	<b>15.2%</b>	<b>-7.4%</b>
White	<b>79.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>79.8%</b>	<b>65.1%</b>	<b>14.7%</b>
Other	<b>3.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.6%</b>	<b>5.2%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,499	<b>17.2%</b>	<b>24.6%</b>	NW	437	<b>21.1%</b>	<b>20.8%</b>
White	5,898	<b>82.8%</b>	<b>75.4%</b>	White	1,642	<b>78.9%</b>	<b>79.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .868 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .631* sig.				Odds ratio Exp(B) <sup>7</sup> : .870 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.4%</b>	<b>31.7%</b>	<b>7.3%</b>	<b>1.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>46.1%</b>	<b>33.8%</b>	<b>17.7%</b>	<b>2.5%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>63.5%</b>	<b>31.1%</b>	<b>4.3%</b>	<b>1.1%</b>			
Other	<b>57.7%</b>	<b>38.9%</b>	<b>2.0%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-2

Total Citations <sup>1</sup> : <b>4,841</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,739)				ITP Stops <sup>3</sup> (N = 1,376)			
Mean age				Mean age			
<b>38.12</b>				<b>38.59</b>			
Gender %				Gender %			
Female <b>33.3%</b>				Female <b>30.9%</b>			
Male <b>66.5%</b>				Male <b>69.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.8%</b>				Race % Mis/Unk <sup>4</sup> <b>8.7%</b>			
AA/Black <b>12.1%</b>				AA/Black <b>11.5%</b>			
Hispanic <b>8.4%</b>				Hispanic <b>9.6%</b>			
White <b>77.2%</b>				White <b>77.2%</b>			
Other <b>2.3%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.1%</b>	<b>14.5%</b>	<b>-2.4%</b>
Hispanic	<b>8.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>8.4%</b>	<b>15.2%</b>	<b>-6.8%</b>
White	<b>77.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>77.2%</b>	<b>65.1%</b>	<b>12.1%</b>
Other	<b>2.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.3%</b>	<b>5.2%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	929	<b>21.1%</b>	<b>24.6%</b>	NW	228	<b>20.7%</b>	<b>22.9%</b>
White	3,184	<b>78.9%</b>	<b>75.4%</b>	White	825	<b>79.3%</b>	<b>77.1%</b>
Chi-square, X-tab <sup>6</sup> :		.006*	sig.	Chi-square, X-tab <sup>6</sup> :		.408	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.824*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.902	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>76.7%</b>	<b>12.5%</b>	<b>9.5%</b>	<b>1.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>61.8%</b>	<b>15.2%</b>	<b>19.8%</b>	<b>3.2%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>78.9%</b>	<b>14.1%</b>	<b>5.6%</b>	<b>1.4%</b>			
Other	<b>75.5%</b>	<b>20.6%</b>	<b>3.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-3

Total Citations <sup>1</sup> : <b>11,403</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 10,570)				ITP Stops <sup>3</sup> (N = 3,342)			
Mean age				Mean age			
<b>35.2</b>				<b>35.73</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>35.4%</b>			
Male <b>63.2%</b>				Male <b>64.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>19.4%</b>				AA/Black <b>16.0%</b>			
Hispanic <b>13.8%</b>				Hispanic <b>15.3%</b>			
White <b>64.9%</b>				White <b>66.8%</b>			
Other <b>1.9%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>19.4%</b>	<b>14.5%</b>	<b>4.9%</b>
Hispanic	<b>13.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>13.8%</b>	<b>15.2%</b>	<b>-1.4%</b>
White	<b>64.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>64.9%</b>	<b>65.1%</b>	<b>-0.2%</b>
Other	<b>1.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.9%</b>	<b>5.2%</b>	<b>-3.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,522	<b>31.4%</b>	<b>40.3%</b>	NW	974	<b>31.8%</b>	<b>36.3%</b>
White	6,482	<b>68.6%</b>	<b>59.7%</b>	White	1,954	<b>68.2%</b>	<b>63.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .017* sig.			
Odds ratio Exp(B) <sup>7</sup> : .705* sig.				Odds ratio Exp(B) <sup>7</sup> : .832 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.1%</b>	<b>30.3%</b>	<b>14.5%</b>	<b>3.2%</b>	NW	<b>38</b>	<b>N/A</b>
Hispanic	<b>47.0%</b>	<b>31.5%</b>	<b>17.7%</b>	<b>3.9%</b>	White	<b>50</b>	<b>N/A</b>
White	<b>59.7%</b>	<b>30.1%</b>	<b>8.2%</b>	<b>2.0%</b>			
Other	<b>55.8%</b>	<b>35.8%</b>	<b>5.6%</b>	<b>2.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-4

Total Citations <sup>1</sup> : <b>10,333</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,666)				ITP Stops <sup>3</sup> (N = 2,739)			
Mean age				Mean age			
<b>35.69</b>				<b>36.22</b>			
Gender %				Gender %			
Female <b>30.9%</b>				Female <b>30.0%</b>			
Male <b>69.0%</b>				Male <b>69.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>27.8%</b>				AA/Black <b>23.9%</b>			
Hispanic <b>14.9%</b>				Hispanic <b>15.4%</b>			
White <b>54.6%</b>				White <b>58.0%</b>			
Other <b>2.7%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>27.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>27.8%</b>	<b>14.5%</b>	<b>13.3%</b>
Hispanic	<b>14.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.9%</b>	<b>15.2%</b>	<b>-0.3%</b>
White	<b>54.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>54.6%</b>	<b>65.1%</b>	<b>-10.5%</b>
Other	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.7%</b>	<b>5.2%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,203	<b>42.3%</b>	<b>50.9%</b>	NW	995	<b>40.2%</b>	<b>44.0%</b>
White	5,047	<b>57.7%</b>	<b>49.1%</b>	White	1,396	<b>59.8%</b>	<b>56.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .069 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .727* sig.				Odds ratio Exp(B) <sup>7</sup> : .931 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.7%</b>	<b>24.7%</b>	<b>13.3%</b>	<b>3.3%</b>	NW	<b>161</b>	<b>59.9%</b>
Hispanic	<b>50.9%</b>	<b>26.1%</b>	<b>18.9%</b>	<b>4.1%</b>	White	<b>108</b>	<b>40.1%</b>
White	<b>64.3%</b>	<b>26.1%</b>	<b>7.5%</b>	<b>2.1%</b>			
Other	<b>57.8%</b>	<b>35.7%</b>	<b>4.3%</b>	<b>2.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-5

Total Citations <sup>1</sup> : <b>362</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 352)				ITP Stops <sup>3</sup> (N = 118)			
Mean age				Mean age			
<b>36.65</b>				<b>37.32</b>			
Gender %				Gender %			
Female <b>27.6%</b>				Female <b>22.4%</b>			
Male <b>72.4%</b>				Male <b>77.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>3.4%</b>			
AA/Black <b>15.0%</b>				AA/Black <b>16.7%</b>			
Hispanic <b>10.3%</b>				Hispanic <b>7.0%</b>			
White <b>74.0%</b>				White <b>76.3%</b>			
Other <b>0.6%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>15.0%</b>	<b>14.5%</b>	<b>0.5%</b>
Hispanic	<b>10.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>10.3%</b>	<b>15.2%</b>	<b>-4.9%</b>
White	<b>74.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>74.0%</b>	<b>65.1%</b>	<b>8.9%</b>
Other	<b>0.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	85	<b>22.3%</b>	<b>32.5%</b>	NW	23	<b>22.1%</b>	<b>26.1%</b>
White	241	<b>77.7%</b>	<b>67.5%</b>	White	77	<b>77.9%</b>	<b>73.9%</b>
Chi-square, X-tab <sup>6</sup> : .045* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .688 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .622 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.260 <i>not sig.</i>			

<sup>6</sup>*Sig.* Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.5%</b>	<b>34.0%</b>	<b>5.7%</b>	<b>1.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>47.2%</b>	<b>11.1%</b>	<b>8.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>62.3%</b>	<b>30.7%</b>	<b>5.1%</b>	<b>1.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .075 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-6

Total Citations <sup>1</sup> : <b>950</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 938)				ITP Stops <sup>3</sup> (N = 110)			
Mean age				Mean age			
<b>40.12</b>				<b>40.96</b>			
Gender %				Gender %			
Female <b>19.2%</b>				Female <b>27.6%</b>			
Male <b>80.8%</b>				Male <b>72.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>			
AA/Black <b>10.4%</b>				AA/Black <b>16.8%</b>			
Hispanic <b>25.4%</b>				Hispanic <b>21.5%</b>			
White <b>62.4%</b>				White <b>61.7%</b>			
Other <b>1.8%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.4%</b>	<b>14.5%</b>	<b>-4.1%</b>
Hispanic	<b>25.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>25.4%</b>	<b>15.2%</b>	<b>10.2%</b>
White	<b>62.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.4%</b>	<b>65.1%</b>	<b>-2.7%</b>
Other	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	322	<b>37.0%</b>	<b>39.9%</b>	NW	33	<b>26.2%</b>	<b>53.3%</b>
White	536	<b>63.0%</b>	<b>60.1%</b>	White	62	<b>73.8%</b>	<b>46.7%</b>
Chi-square, X-tab <sup>6</sup> : .519 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .010* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .744 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .275* <i>sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>34.0%</b>	<b>50.0%</b>	<b>11.7%</b>	<b>4.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>13.3%</b>	<b>46.0%</b>	<b>36.7%</b>	<b>4.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>19.7%</b>	<b>65.2%</b>	<b>12.5%</b>	<b>2.7%</b>			
Other	<b>6.3%</b>	<b>75.0%</b>	<b>18.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP D-7

Total Citations <sup>1</sup> : <b>10,031</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,740)				ITP Stops <sup>3</sup> (N = 2,935)			
Mean age				Mean age			
<b>38.92</b>				<b>38.44</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>32.4%</b>			
Male <b>63.3%</b>				Male <b>67.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>10.7%</b>				AA/Black <b>10.3%</b>			
Hispanic <b>8.7%</b>				Hispanic <b>11.3%</b>			
White <b>78.5%</b>				White <b>76.5%</b>			
Other <b>2.1%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.7%</b>	<b>14.5%</b>	<b>-3.8%</b>
Hispanic	<b>8.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>8.7%</b>	<b>15.2%</b>	<b>-6.5%</b>
White	<b>78.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>78.5%</b>	<b>65.1%</b>	<b>13.4%</b>
Other	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.1%</b>	<b>5.2%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,983	<b>19.3%</b>	<b>26.9%</b>	NW	594	<b>22.7%</b>	<b>24.6%</b>
White	7,294	<b>80.7%</b>	<b>73.1%</b>	White	1,958	<b>77.3%</b>	<b>75.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .302 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .666* sig.				Odds ratio Exp(B) <sup>7</sup> : .839 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.5%</b>	<b>31.2%</b>	<b>9.7%</b>	<b>1.6%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>48.2%</b>	<b>31.9%</b>	<b>15.4%</b>	<b>4.4%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>65.6%</b>	<b>29.4%</b>	<b>4.0%</b>	<b>1.0%</b>			
Other	<b>54.8%</b>	<b>41.3%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP F HEADQUARTERS

Total Citations <sup>1</sup> : <b>868</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 819)				ITP Stops <sup>3</sup> (N = 234)			
Mean age				Mean age			
<b>37.8</b>				<b>37.07</b>			
Gender %				Gender %			
Female <b>23.4%</b>				Female <b>21.2%</b>			
Male <b>76.4%</b>				Male <b>78.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.8%</b>			
AA/Black <b>19.3%</b>				AA/Black <b>20.9%</b>			
Hispanic <b>25.0%</b>				Hispanic <b>22.2%</b>			
White <b>47.7%</b>				White <b>48.4%</b>			
Other <b>7.9%</b>				Other <b>8.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>19.3%</b>	<b>14.5%</b>	<b>4.8%</b>
Hispanic	<b>25.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>25.0%</b>	<b>15.2%</b>	<b>9.8%</b>
White	<b>47.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>47.7%</b>	<b>65.1%</b>	<b>-17.4%</b>
Other	<b>7.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.9%</b>	<b>5.2%</b>	<b>2.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	400	<b>46.1%</b>	<b>65.0%</b>	NW	105	<b>49.3%</b>	<b>60.0%</b>
White	361	<b>53.9%</b>	<b>35.0%</b>	White	96	<b>50.7%</b>	<b>40.0%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.176	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.471*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.932	not sig.

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.9%</b>	<b>37.9%</b>	<b>10.7%</b>	<b>3.6%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>39.2%</b>	<b>41.5%</b>	<b>18.4%</b>	<b>0.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>45.5%</b>	<b>48.7%</b>	<b>4.0%</b>	<b>1.8%</b>			
Other	<b>45.6%</b>	<b>39.7%</b>	<b>13.2%</b>	<b>1.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H HEADQUARTERS

Total Citations <sup>1</sup> : <b>543</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 537)				ITP Stops <sup>3</sup> (N = 223)			
Mean age				Mean age			
<b>34.97</b>				<b>35.95</b>			
Gender %				Gender %			
Female <b>27.2%</b>				Female <b>28.5%</b>			
Male <b>72.6%</b>				Male <b>71.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>34.0%</b>				AA/Black <b>35.7%</b>			
Hispanic <b>16.4%</b>				Hispanic <b>15.4%</b>			
White <b>43.4%</b>				White <b>44.3%</b>			
Other <b>6.2%</b>				Other <b>4.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>34.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>34.0%</b>	<b>14.5%</b>	<b>19.5%</b>
Hispanic	<b>16.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.4%</b>	<b>15.2%</b>	<b>1.2%</b>
White	<b>43.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>43.4%</b>	<b>65.1%</b>	<b>-21.7%</b>
Other	<b>6.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.2%</b>	<b>5.2%</b>	<b>1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	292	<b>50.9%</b>	<b>68.6%</b>	NW	116	<b>51.0%</b>	<b>71.7%</b>
White	215	<b>49.1%</b>	<b>31.4%</b>	White	87	<b>49.0%</b>	<b>28.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .007* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .462* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .580 <i>not sig.</i>			

<sup>6</sup>*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.7%</b>	<b>28.4%</b>	<b>10.4%</b>	<b>5.5%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>54.4%</b>	<b>33.3%</b>	<b>8.9%</b>	<b>3.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>56.1%</b>	<b>39.6%</b>	<b>3.0%</b>	<b>1.3%</b>			
Other	<b>51.5%</b>	<b>48.5%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-1

Total Citations <sup>1</sup> : <b>184</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 176)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.69</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>N/A</b>			
Male <b>68.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>17.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>15.4%</b>				Hispanic <b>N/A</b>			
White <b>60.6%</b>				White <b>N/A</b>			
Other <b>6.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>17.7%</b>	<b>14.5%</b>	<b>3.2%</b>
Hispanic	<b>15.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.4%</b>	<b>15.2%</b>	<b>0.2%</b>
White	<b>60.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.6%</b>	<b>65.1%</b>	<b>-4.5%</b>
Other	<b>6.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.3%</b>	<b>5.2%</b>	<b>1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	<b>38.2%</b>	<b>51.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	102	<b>61.8%</b>	<b>48.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.184	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.687	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>41.9%</b>	<b>51.6%</b>	<b>6.5%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>48.3%</b>	<b>34.5%</b>	<b>3.4%</b>	<b>13.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>52.7%</b>	<b>42.0%</b>	<b>5.4%</b>	<b>0.0%</b>			
Other	<b>27.3%</b>	<b>72.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-2

Total Citations <sup>1</sup> : <b>5,490</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,057)				ITP Stops <sup>3</sup> (N = 1,263)			
Mean age				Mean age			
<b>36.37</b>				<b>37.04</b>			
Gender %				Gender %			
Female <b>29.6%</b>				Female <b>29.9%</b>			
Male <b>70.3%</b>				Male <b>70.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>24.0%</b>				AA/Black <b>20.0%</b>			
Hispanic <b>16.0%</b>				Hispanic <b>17.8%</b>			
White <b>51.9%</b>				White <b>53.8%</b>			
Other <b>8.0%</b>				Other <b>8.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>24.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>24.0%</b>	<b>14.5%</b>	<b>9.5%</b>
Hispanic	<b>16.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.0%</b>	<b>15.2%</b>	<b>0.8%</b>
White	<b>51.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>51.9%</b>	<b>65.1%</b>	<b>-13.2%</b>
Other	<b>8.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.0%</b>	<b>5.2%</b>	<b>2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,296	<b>42.8%</b>	<b>56.8%</b>	NW	500	<b>44.9%</b>	<b>48.5%</b>
White	2,474	<b>57.2%</b>	<b>43.2%</b>	White	582	<b>55.1%</b>	<b>51.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .254 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .568* sig.				Odds ratio Exp(B) <sup>7</sup> : .774 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.0%</b>	<b>20.1%</b>	<b>9.0%</b>	<b>1.9%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>57.9%</b>	<b>16.1%</b>	<b>23.6%</b>	<b>2.4%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>74.2%</b>	<b>20.9%</b>	<b>4.1%</b>	<b>0.8%</b>			
Other	<b>70.8%</b>	<b>24.0%</b>	<b>4.7%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-3

Total Citations <sup>1</sup> : <b>5,301</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,754)				ITP Stops <sup>3</sup> (N = 1,474)			
Mean age				Mean age			
<b>35.8</b>				<b>35.73</b>			
Gender %				Gender %			
Female <b>30.5%</b>				Female <b>30.0%</b>			
Male <b>69.4%</b>				Male <b>69.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>21.5%</b>				AA/Black <b>17.8%</b>			
Hispanic <b>16.5%</b>				Hispanic <b>16.3%</b>			
White <b>55.8%</b>				White <b>59.8%</b>			
Other <b>6.2%</b>				Other <b>6.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>21.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>21.5%</b>	<b>14.5%</b>	<b>7.0%</b>
Hispanic	<b>16.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.5%</b>	<b>15.2%</b>	<b>1.3%</b>
White	<b>55.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>55.8%</b>	<b>65.1%</b>	<b>-9.3%</b>
Other	<b>6.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.2%</b>	<b>5.2%</b>	<b>1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,000	<b>39.4%</b>	<b>53.5%</b>	NW	519	<b>37.1%</b>	<b>44.8%</b>
White	2,528	<b>60.6%</b>	<b>46.5%</b>	White	790	<b>62.9%</b>	<b>55.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .007* sig.			
Odds ratio Exp(B) <sup>7</sup> : .565* sig.				Odds ratio Exp(B) <sup>7</sup> : .734 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>53.3%</b>	<b>31.5%</b>	<b>12.8%</b>	<b>2.4%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>50.8%</b>	<b>29.7%</b>	<b>17.1%</b>	<b>2.4%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>61.6%</b>	<b>30.2%</b>	<b>6.4%</b>	<b>1.7%</b>			
Other	<b>56.3%</b>	<b>37.7%</b>	<b>4.7%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-4

Total Citations <sup>1</sup> : <b>7,445</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,870)				ITP Stops <sup>3</sup> (N = 1,711)			
Mean age				Mean age			
<b>36.91</b>				<b>37.65</b>			
Gender %				Gender %			
Female <b>27.5%</b>				Female <b>27.8%</b>			
Male <b>72.4%</b>				Male <b>72.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>21.2%</b>				AA/Black <b>19.3%</b>			
Hispanic <b>17.2%</b>				Hispanic <b>18.7%</b>			
White <b>48.9%</b>				White <b>48.5%</b>			
Other <b>12.8%</b>				Other <b>13.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>21.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>21.2%</b>	<b>14.5%</b>	<b>6.7%</b>
Hispanic	<b>17.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.2%</b>	<b>15.2%</b>	<b>2.0%</b>
White	<b>48.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>48.9%</b>	<b>65.1%</b>	<b>-16.2%</b>
Other	<b>12.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>12.8%</b>	<b>5.2%</b>	<b>7.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,232	<b>46.3%</b>	<b>60.7%</b>	NW	756	<b>46.7%</b>	<b>58.5%</b>
White	3,125	<b>53.7%</b>	<b>39.3%</b>	White	742	<b>53.3%</b>	<b>41.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .580* sig.				Odds ratio Exp(B) <sup>7</sup> : .682* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.6%</b>	<b>20.0%</b>	<b>14.9%</b>	<b>2.4%</b>	NW	<b>22</b>	<b>N/A</b>
Hispanic	<b>61.1%</b>	<b>17.3%</b>	<b>18.5%</b>	<b>3.1%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>72.9%</b>	<b>20.8%</b>	<b>5.3%</b>	<b>1.0%</b>			
Other	<b>78.5%</b>	<b>15.6%</b>	<b>4.8%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-5

Total Citations <sup>1</sup> : <b>752</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 695)				ITP Stops <sup>3</sup> (N = 352)			
Mean age				Mean age			
<b>39.08</b>				<b>38.13</b>			
Gender %				Gender %			
Female <b>33.1%</b>				Female <b>31.6%</b>			
Male <b>66.9%</b>				Male <b>68.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>18.7%</b>				AA/Black <b>16.5%</b>			
Hispanic <b>16.7%</b>				Hispanic <b>14.5%</b>			
White <b>50.4%</b>				White <b>50.7%</b>			
Other <b>14.2%</b>				Other <b>18.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.7%</b>	<b>14.5%</b>	<b>4.2%</b>
Hispanic	<b>16.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.7%</b>	<b>15.2%</b>	<b>1.5%</b>
White	<b>50.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>50.4%</b>	<b>65.1%</b>	<b>-14.7%</b>
Other	<b>14.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>14.2%</b>	<b>5.2%</b>	<b>9.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	315	<b>48.7%</b>	<b>51.8%</b>	NW	155	<b>48.9%</b>	<b>48.9%</b>
White	326	<b>51.3%</b>	<b>48.2%</b>	White	162	<b>51.1%</b>	<b>51.1%</b>
Chi-square, X-tab <sup>6</sup> : .603 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .999 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .818 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .824 <i>not sig.</i>			

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>2.1%</b>	<b>95.2%</b>	<b>2.7%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>2.5%</b>	<b>90.7%</b>	<b>5.9%</b>	<b>0.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>5.2%</b>	<b>92.4%</b>	<b>2.5%</b>	<b>0.0%</b>			
Other	<b>4.9%</b>	<b>95.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .063 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-6

Total Citations <sup>1</sup> : <b>7,783</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,443)				ITP Stops <sup>3</sup> (N = 1,728)			
Mean age				Mean age			
<b>34.57</b>				<b>34.81</b>			
Gender %				Gender %			
Female <b>27.0%</b>				Female <b>28.1%</b>			
Male <b>72.9%</b>				Male <b>71.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>38.0%</b>				AA/Black <b>37.0%</b>			
Hispanic <b>22.1%</b>				Hispanic <b>21.9%</b>			
White <b>32.5%</b>				White <b>33.2%</b>			
Other <b>7.4%</b>				Other <b>8.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>38.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>38.0%</b>	<b>14.5%</b>	<b>23.5%</b>
Hispanic	<b>22.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>22.1%</b>	<b>15.2%</b>	<b>6.9%</b>
White	<b>32.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>32.5%</b>	<b>65.1%</b>	<b>-32.6%</b>
Other	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.4%</b>	<b>5.2%</b>	<b>2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,884	<b>61.0%</b>	<b>73.8%</b>	NW	1,038	<b>64.3%</b>	<b>69.1%</b>
White	2,355	<b>39.0%</b>	<b>26.2%</b>	White	525	<b>35.7%</b>	<b>30.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .047* sig.			
Odds ratio Exp(B) <sup>7</sup> : .563* sig.				Odds ratio Exp(B) <sup>7</sup> : .732* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.0%</b>	<b>10.2%</b>	<b>10.2%</b>	<b>1.6%</b>	NW	<b>72</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>9.9%</b>	<b>13.6%</b>	<b>1.5%</b>	White	<b>19</b>	<b>N/A</b>
White	<b>78.7%</b>	<b>12.9%</b>	<b>6.3%</b>	<b>2.0%</b>			
Other	<b>78.4%</b>	<b>15.7%</b>	<b>5.4%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-7

Total Citations <sup>1</sup> : <b>9,553</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 8,743)				ITP Stops <sup>3</sup> (N = 2,252)			
Mean age				Mean age			
<b>35.86</b>				<b>37.29</b>			
Gender %				Gender %			
Female <b>30.5%</b>				Female <b>32.5%</b>			
Male <b>69.4%</b>				Male <b>67.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>42.0%</b>				AA/Black <b>38.0%</b>			
Hispanic <b>18.1%</b>				Hispanic <b>16.9%</b>			
White <b>34.9%</b>				White <b>39.3%</b>			
Other <b>5.0%</b>				Other <b>5.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>42.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>42.0%</b>	<b>14.5%</b>	<b>27.5%</b>
Hispanic	<b>18.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.1%</b>	<b>15.2%</b>	<b>2.9%</b>
White	<b>34.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>34.9%</b>	<b>65.1%</b>	<b>-30.2%</b>
Other	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.0%</b>	<b>5.2%</b>	<b>-0.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	5,445	<b>61.2%</b>	<b>70.4%</b>	NW	1,189	<b>58.8%</b>	<b>61.7%</b>
White	2,932	<b>38.8%</b>	<b>29.6%</b>	White	794	<b>41.2%</b>	<b>38.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .187 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .661* sig.				Odds ratio Exp(B) <sup>7</sup> : .775* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.4%</b>	<b>16.3%</b>	<b>8.3%</b>	<b>2.0%</b>	NW	<b>195</b>	<b>77.1%</b>
Hispanic	<b>68.1%</b>	<b>18.6%</b>	<b>10.9%</b>	<b>2.4%</b>	White	<b>58</b>	<b>22.9%</b>
White	<b>73.2%</b>	<b>21.2%</b>	<b>4.2%</b>	<b>1.3%</b>			
Other	<b>72.4%</b>	<b>22.9%</b>	<b>3.0%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-8

Total Citations <sup>1</sup> : <b>6,934</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,567)				ITP Stops <sup>3</sup> (N = 1,692)			
Mean age				Mean age			
<b>35.93</b>				<b>36.67</b>			
Gender %				Gender %			
Female <b>31.0%</b>				Female <b>32.4%</b>			
Male <b>69.0%</b>				Male <b>67.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>15.7%</b>				AA/Black <b>10.4%</b>			
Hispanic <b>18.1%</b>				Hispanic <b>17.7%</b>			
White <b>53.9%</b>				White <b>61.8%</b>			
Other <b>12.3%</b>				Other <b>10.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>15.7%</b>	<b>14.5%</b>	<b>1.2%</b>
Hispanic	<b>18.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.1%</b>	<b>15.2%</b>	<b>2.9%</b>
White	<b>53.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>53.9%</b>	<b>65.1%</b>	<b>-11.2%</b>
Other	<b>12.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>12.3%</b>	<b>5.2%</b>	<b>7.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,896	<b>43.6%</b>	<b>50.0%</b>	NW	524	<b>37.8%</b>	<b>38.3%</b>
White	3,379	<b>56.4%</b>	<b>50.0%</b>	White	857	<b>62.2%</b>	<b>61.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.860	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.772*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.862	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.7%</b>	<b>22.4%</b>	<b>10.4%</b>	<b>1.5%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>63.1%</b>	<b>20.2%</b>	<b>14.8%</b>	<b>1.9%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>75.3%</b>	<b>21.1%</b>	<b>3.0%</b>	<b>0.6%</b>			
Other	<b>71.5%</b>	<b>25.0%</b>	<b>2.9%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS STATE POLICE TROOP H-9

Total Citations <sup>1</sup> : <b>12,418</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 11,609)				ITP Stops <sup>3</sup> (N = 2,653)			
Mean age				Mean age			
<b>36.59</b>				<b>37.16</b>			
Gender %				Gender %			
Female <b>26.5%</b>				Female <b>25.4%</b>			
Male <b>73.5%</b>				Male <b>74.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>26.2%</b>				AA/Black <b>22.5%</b>			
Hispanic <b>24.0%</b>				Hispanic <b>23.7%</b>			
White <b>39.8%</b>				White <b>43.7%</b>			
Other <b>10.0%</b>				Other <b>10.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>26.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>26.2%</b>	<b>14.5%</b>	<b>11.7%</b>
Hispanic	<b>24.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>24.0%</b>	<b>15.2%</b>	<b>8.8%</b>
White	<b>39.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>39.8%</b>	<b>65.1%</b>	<b>-25.3%</b>
Other	<b>10.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.0%</b>	<b>5.2%</b>	<b>4.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	6,636	<b>52.3%</b>	<b>72.2%</b>	NW	1,298	<b>52.9%</b>	<b>63.9%</b>
White	4,359	<b>47.7%</b>	<b>27.8%</b>	White	998	<b>47.1%</b>	<b>36.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .439* sig.				Odds ratio Exp(B) <sup>7</sup> : .636* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.9%</b>	<b>29.9%</b>	<b>10.4%</b>	<b>1.8%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>46.8%</b>	<b>35.1%</b>	<b>16.1%</b>	<b>2.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>49.2%</b>	<b>44.6%</b>	<b>4.4%</b>	<b>1.8%</b>			
Other	<b>53.4%</b>	<b>41.6%</b>	<b>4.1%</b>	<b>0.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### All MASSACHUSETTS STATE POLICE

Total Citations <sup>1</sup> : <b>284,258</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 270,275)				ITP Stops <sup>3</sup> (N = 79,468)			
Mean age				Mean age			
<b>36.31</b>				<b>36.5</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>31.4%</b>			
Male <b>67.6%</b>				Male <b>68.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>16.9%</b>				AA/Black <b>14.7%</b>			
Hispanic <b>18.9%</b>				Hispanic <b>19.2%</b>			
White <b>58.7%</b>				White <b>60.9%</b>			
Other <b>5.5%</b>				Other <b>5.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.9%</b>	<b>14.5%</b>	<b>2.4%</b>
Hispanic	<b>18.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.9%</b>	<b>15.2%</b>	<b>3.7%</b>
White	<b>58.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>58.7%</b>	<b>65.1%</b>	<b>-6.4%</b>
Other	<b>5.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.5%</b>	<b>5.2%</b>	<b>0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104,822	<b>37.2%</b>	<b>48.9%</b>	NW	26,967	<b>37.8%</b>	<b>41.5%</b>
White	148,324	<b>62.8%</b>	<b>51.1%</b>	White	42,056	<b>62.2%</b>	<b>58.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .620* sig.				Odds ratio Exp(B) <sup>7</sup> : .851* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.6%</b>	<b>25.2%</b>	<b>10.9%</b>	<b>2.3%</b>	NW	<b>1059</b>	<b>56.4%</b>
Hispanic	<b>55.0%</b>	<b>26.0%</b>	<b>16.1%</b>	<b>2.9%</b>	White	<b>818</b>	<b>43.6%</b>
White	<b>66.1%</b>	<b>27.5%</b>	<b>5.0%</b>	<b>1.5%</b>			
Other	<b>64.0%</b>	<b>30.7%</b>	<b>4.2%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 OTHER STATE DEPARTMENTS/AGENCIES**

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### BRIDGEWATER STATE UNIVERSITY

Total Citations <sup>1</sup> : <b>132</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 128)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
27.5				N/A			
Gender %				Gender %			
Female 37.5%				Female N/A			
Male 62.5%				Male N/A			
Non-binary 0.0%				Non-binary N/A			
Race % Mis/Unk <sup>4</sup> 0.8%				Race % Mis/Unk <sup>4</sup> N/A			
AA/Black 18.1%				AA/Black N/A			
Hispanic 8.7%				Hispanic N/A			
White 72.4%				White N/A			
Other 0.8%				Other N/A			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	18.1%	N/A	N/A	AA/Black	18.1%	14.5%	3.6%
Hispanic	8.7%	N/A	N/A	Hispanic	8.7%	15.2%	-6.5%
White	72.4%	N/A	N/A	White	72.4%	65.1%	7.3%
Other	0.8%	N/A	N/A	Other	0.8%	5.2%	-4.4%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	16.2%	41.8%	NW	N/A	N/A	N/A
White	89	83.8%	58.2%	White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> :		.002 *	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.241 *	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	69.6%	4.3%	26.1%	0.0%	NW	0	N/A
Hispanic	54.5%	9.1%	36.4%	0.0%	White	0	N/A
White	78.1%	15.6%	4.2%	2.1%			
Other	100.0%	0.0%	0.0%	0.0%		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.021 *	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MASSACHUSETTS ENVIRONMENTAL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>645</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 603)				ITP Stops <sup>3</sup> (N = 199)			
Mean age				Mean age			
<b>35.8</b>				<b>34.1</b>			
Gender %				Gender %			
Female <b>17.1%</b>				Female <b>14.7%</b>			
Male <b>82.7%</b>				Male <b>84.8%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>7.3%</b>				AA/Black <b>6.7%</b>			
Hispanic <b>8.8%</b>				Hispanic <b>8.2%</b>			
White <b>83.1%</b>				White <b>84.5%</b>			
Other <b>0.9%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.3%</b>	<b>14.5%</b>	<b>-7.2%</b>
Hispanic	<b>8.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>8.8%</b>	<b>15.2%</b>	<b>-6.4%</b>
White	<b>83.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>83.1%</b>	<b>65.1%</b>	<b>18.0%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	95	<b>16.7%</b>	<b>21.3%</b>	NW	28	<b>13.5%</b>	<b>23.1%</b>
White	450	<b>83.3%</b>	<b>78.7%</b>	White	152	<b>86.5%</b>	<b>76.9%</b>
Chi-square, X-tab <sup>6</sup> :		.287	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.143	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.761	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.374	<i>not sig.</i>

<sup>6</sup>Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>20.9%</b>	<b>46.5%</b>	<b>32.6%</b>	<b>0.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>20.4%</b>	<b>57.4%</b>	<b>18.5%</b>	<b>3.7%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>32.8%</b>	<b>54.8%</b>	<b>8.5%</b>	<b>3.9%</b>			
Other	<b>40.0%</b>	<b>60.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	<i>sig.</i>		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### MBTA POLICE

Total Citations <sup>1</sup> : <b>305</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 261)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>39.4</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>30.2%</b>				Female <b>N/A</b>			
Male <b>69.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>6.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>25.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>16.5%</b>				Hispanic <b>N/A</b>			
White <b>47.7%</b>				White <b>N/A</b>			
Other <b>10.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>25.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>25.5%</b>	<b>14.5%</b>	<b>11.0%</b>
Hispanic	<b>16.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.5%</b>	<b>15.2%</b>	<b>1.3%</b>
White	<b>47.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>47.7%</b>	<b>65.1%</b>	<b>-17.4%</b>
Other	<b>10.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.3%</b>	<b>5.2%</b>	<b>5.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	107	<b>52.1%</b>	<b>50.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	101	<b>47.9%</b>	<b>50.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.772	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.972	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>18.2%</b>	<b>42.9%</b>	<b>39.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>23.6%</b>	<b>45.5%</b>	<b>29.1%</b>	<b>1.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>45.3%</b>	<b>35.2%</b>	<b>19.5%</b>	<b>0.0%</b>			
Other	<b>32.0%</b>	<b>60.0%</b>	<b>8.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :				.000*	sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

### UNIVERSITY OF MASSACHUSETTS AMHERST POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,267</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,231)				ITP Stops <sup>3</sup> (N = 479)			
Mean age				Mean age			
<b>29.78</b>				<b>29.07</b>			
Gender %				Gender %			
Female <b>35.7%</b>				Female <b>37.7%</b>			
Male <b>64.1%</b>				Male <b>62.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>11.2%</b>				AA/Black <b>9.8%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>4.3%</b>			
White <b>69.3%</b>				White <b>71.4%</b>			
Other <b>14.6%</b>				Other <b>14.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

#### Comparative Analyses

Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.2%</b>	<b>14.5%</b>	<b>-3.3%</b>
Hispanic	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>69.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>69.3%</b>	<b>65.1%</b>	<b>4.2%</b>
Other	<b>14.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>14.6%</b>	<b>5.2%</b>	<b>9.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

#### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	349	<b>27.6%</b>	<b>36.9%</b>	NW	125	<b>29.2%</b>	<b>28.7%</b>
White	799	<b>72.4%</b>	<b>63.1%</b>	White	306	<b>70.8%</b>	<b>71.3%</b>
Chi-square, X-tab <sup>6</sup> :		.001*	sig.	Chi-square, X-tab <sup>6</sup> :		.929	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.616*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.912	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

#### Citation Outcomes by Race<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>67.9%</b>	<b>17.1%</b>	<b>14.3%</b>	<b>0.7%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>64.5%</b>	<b>14.5%</b>	<b>17.7%</b>	<b>3.2%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>72.9%</b>	<b>21.5%</b>	<b>4.4%</b>	<b>1.2%</b>			
Other	<b>67.0%</b>	<b>22.9%</b>	<b>9.5%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes



Appendix D **2021 List of Departments Not Analyzed**<sup>41</sup>

Department	Total Stops		Department	Total Stops
AMTRAK Police Dept.	< 5		New Ashford Police Dept.	< 5
Aquinnah Police Dept.	43		New Braintree Police Dept.	48
Ashfield Police Dept.	93		New Salem Police Dept.	28
Berkley Police Dept.	81		North Brookfield Police Dept.	91
Bernardston Police Dept.	39		Northeastern University	< 5
Blandford Police Dept.	9		Otis Police Dept.	42
Carlisle Police Dept.	67		Pelham Police Dept.	82
Charlemont Police Dept.	7		Peru Police Dept.	13
Cheshire Police Dept.	30		Plainfield Police Dept.	43
Chester Police Dept.	84		Richmond Police Dept.	< 5
Chesterfield Police Dept.	34		Rowe Police Dept.	9
Chilmark Police Dept.	14		Salem State University	40
Clarksburg Police Dept.	19		Sandisfield Police Dept.	24
Conway Police Dept.	16		Savoy Police Dept.	< 5
Cummington Police Dept.	< 5		Tyringham Police Dept.	< 5
Fitchburg State University	< 5		Univ Of Mass Dartmouth	< 5
Florida Police Dept.	< 5		Univ Of Mass Lowell	< 5
Framingham State College	< 5		Univ Of Mass Worcester	27
Gill Police Dept.	97		W. Stockbridge Police Dept	87

<sup>41</sup>These departments were not analyzed due to an insufficient number of citations (<100). A minimum sample threshold was necessary to ensure robustness of statistical tests.

Goshen Police Dept.	27		W. Tisbury Police Dept.	55
Hancock Police Dept.	< 5		Wales Police Dept.	13
Heath Police Dept.	7		Washington Police Dept.	< 5
Hinsdale Police Dept.	54		Wendell Police Dept.	15
Huntington Police Dept.	53		Westfield State University	23
Lanesborough Police Dept.	41		Westhampton Police Dept.	19
Mass College of Liberal Arts	25		Whately Police Dept.	96
Massachusetts Maritime Police	< 5		Windsor Police Dept.	38
Middlefield Police Dept.	6		Worcester State University	5
Monterey Police Dept.	60		Worthington Police Dept.	23
Montgomery Police Dept.	< 5			

Appendix D **2022 List of Departments Not Analyzed**<sup>42</sup>

Department	Total Citations		Department	Total Citations
Amherst College Police Dept.	< 5		Mass College of Liberal Arts	20
Aquinnah Police Dept.	37		Massasoit Community College	5
Ashfield Police Dept.	75		Middlefield Police Dept.	7
Babson College Police Dept	< 5		Monterey Police Dept.	80
Berklee College of Music	< 5		Mt Wachusett Community College	5
Bernardston Police Dept.	55		New Ashford Police Dept.	5
Blandford Police Dept.	38		North Brookfield Police Dept.	61
Boston College	8		Northeastern University	< 5
Boston University Police	5		Otis Police Dept.	87
Bristol Community College	< 5		Peru Police Dept.	18
Buckland Police Dept	21		Phillipston Police Dept.	78
Bunker Hill Community College	26		Quinsigamond Community College	26
Cape Cod Community College	5		Regis College	< 5
Carlisle Police Dept.	66		Rockport Police Dept.	90
Charlemont Police Dept.	31		Rowe Police Dept.	< 5
Chatham Police Dept.	76		Salem State University	68

<sup>42</sup>These departments were not analyzed due to an insufficient number of citations (<100). A minimum sample threshold was necessary to ensure robustness of statistical tests.

Chesterfield Police Dept	25		Savoy Police Dept.	5
Chilmark Police Dept.	14		Springfield College	48
Clarksburg Police Dept.	6		Springfield Technical Community College	8
Conway Police Dept.	10		Stonehill College	< 5
Dean Junior College	< 5		Tufts University Police	< 5
Fitchburg State University	< 5		University of Massachusetts Boston	66
Florida Police Dept.	< 5		University of Massachusetts Dartmouth	< 5
Gill Police Dept.	82		University of Massachusetts Lowell	< 5
Goshen Police Dept.	49		University of Massachusetts Worcester	54
Greenfield Community College	< 5		W. Tisbury Police Dept.	61
Hampden County Sheriff's Dept.	9		Warwick Police Dept.	89
Hatfield Police Dept.	53		Washington Police Dept.	8
Heath Police Department	< 5		Wendell Police Dept.	8
Holy Cross College	< 5		Wentworth Institute	< 5
Holyoke Community College	< 5		Westfield State University	10
Huntington Police Dept.	15		Westhampton Police Dept.	6
Lanesborough Police Dept.	89		Windsor Police Dept.	5
Lasell College	< 5		Worcester County House of Corrections	96
Leyden Police Dept.	23		Worcester State University	23
M.I.T. Campus Police	< 5		Worthington Police Dept.	39

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