



Traffic Analysis 2024



December 5, 2024

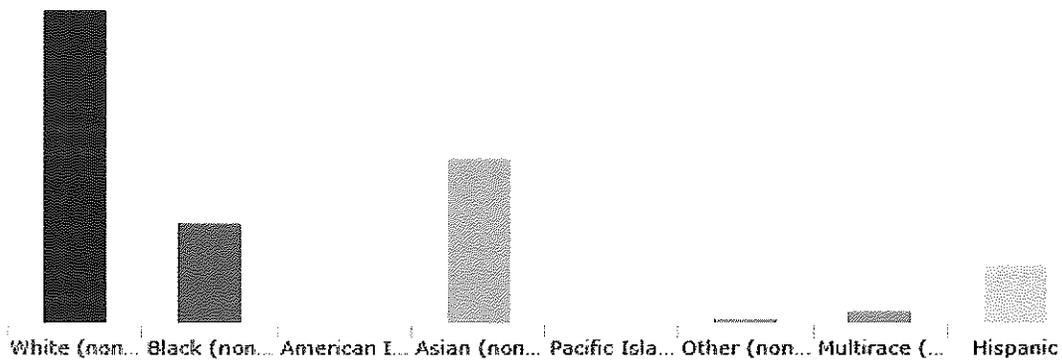
Traffic Safety

When it comes to traffic safety, you commonly hear the "E's": education, enforcement, environment, and engineering. The officers with the Malden Police Department spend a great deal of time enforcing traffic laws as they patrol the streets.

Even though City of Malden population is approximately 65,197, the city is a hub of activity for the surrounding regions. The Malden Chamber of Commerce estimates Malden's daytime population increases. This creates an increase in traffic and in collisions.

Malden Demographics

Ethnicity Distribution



White (non-hispanic)	32,049	47.64
Black (non-hispanic)	10,216	15.19
American Indian (non-hispanic)	23	0.03
Asian (non-hispanic)	16,923	25.16
Pacific Islander (non-hispanic)	7	0.01
Other (non-hispanic)	472	0.70
Multirace (non-hispanic)	1,400	2.08
Hispanic	6,179	9.19

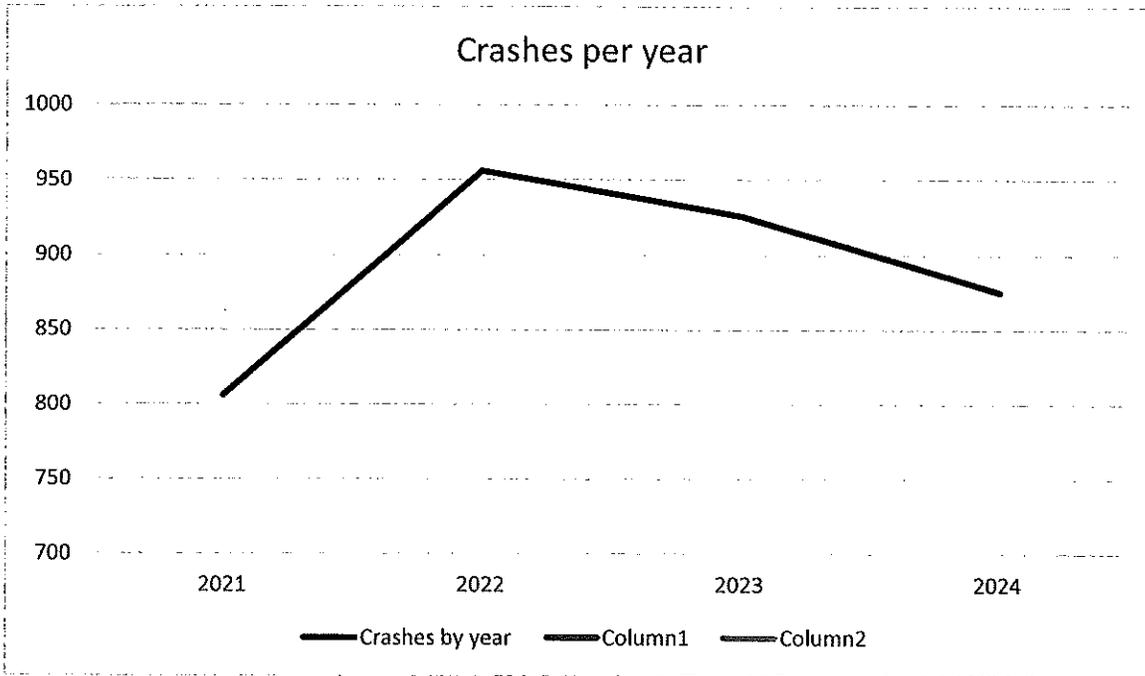


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Traffic Citations and Collisions

Officers investigated 875 total collisions in 2024, down slightly from the 926 collisions in 2023.



Categories of Motor Vehicle Crashes	10-yr Avr.	2021 TOTAL	2022 TOTAL	2023TOTAL	2024 TOTAL	% Change from 2023
Crashes for Service (CFS)	927	840	994	796	905	+15%
Crashes CFS with EMS Transport	159	140	176	168	172	+2%
Total Crash Reports	889	806	956	926	875	-5%
Auto Crash Reports	878	796	901	876	794	-9.5%
Bicycle Crash Reports	13	13	19	18	18	0.0%
Pedestrian Crash Reports	35	25	32	32	63	+100%

*NOTE: Police crash reports are only required for crashes involving at least one motor vehicle (and either resulting in an injury and/or at least \$1000 in property damage or involving a crime such as Leaving the Scene of Property Damage, regardless of injury or damage). If a crash does not involve a vehicle—such as those involving a bicycle versus a pedestrian—a crash report is not required, although the crash may be covered by a police incident report. Because of this, crashes not involving at least one vehicle are not included in the crash numbers analyzed in this Annual Report.



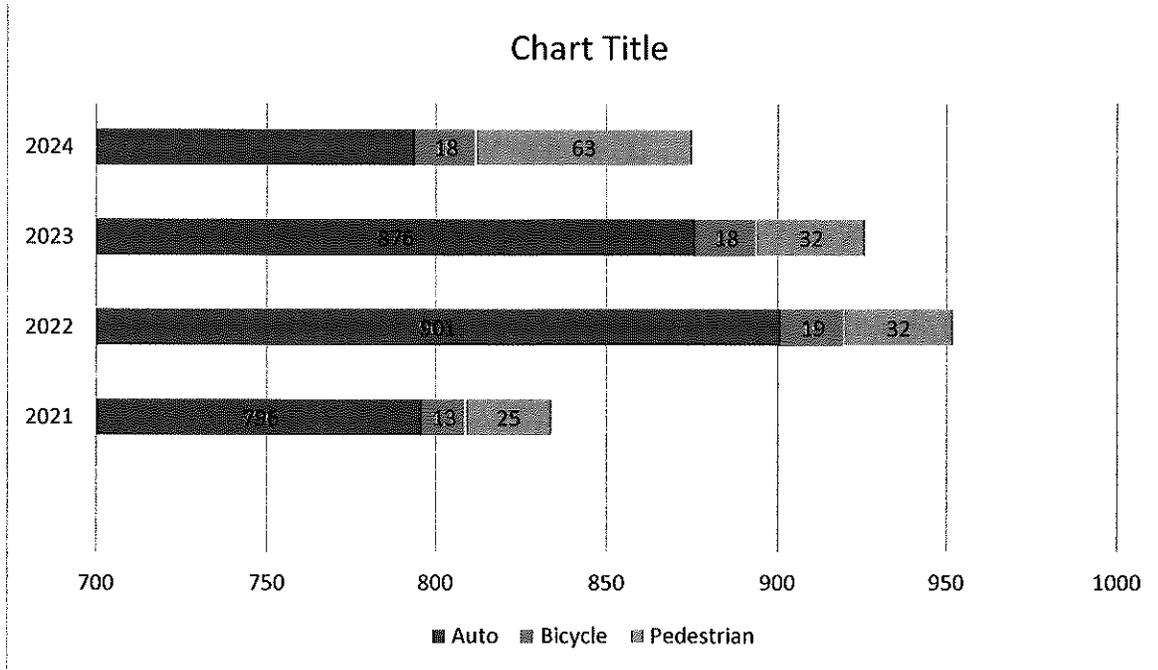
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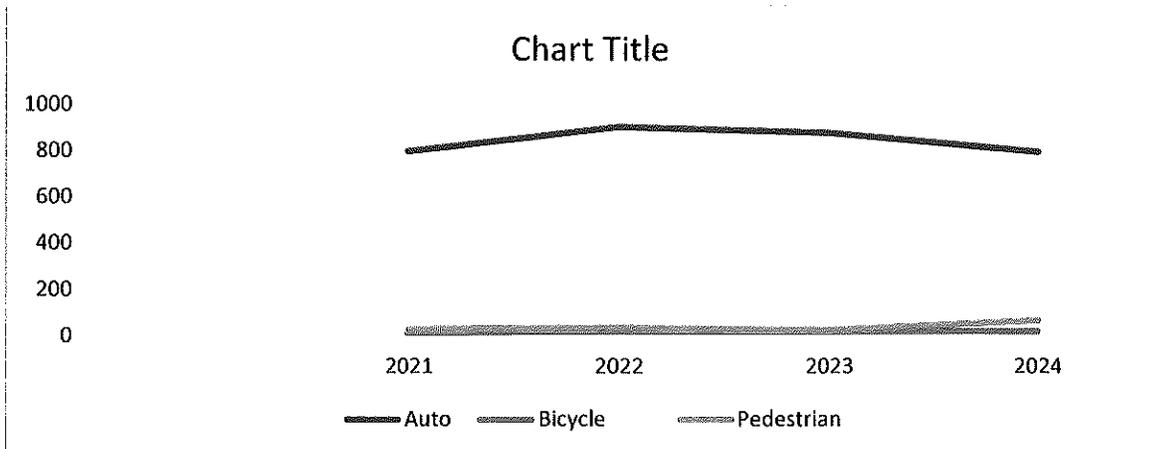
CRASH REPORTS BY ROAD USER TYPE

Massachusetts General Law requires that a police crash report be filed for any motor vehicle crash resulting in any degree of injury or at least \$1,000 of property damage, or a crash in which another person unlawfully left the scene. On average, approximately half of crash calls for service result in the filing of a police crash report. In 2024, there were 875 crashes reported, down 5% from 2023, but down 5.6% when compared to the ten-year average of 927 crash reports.



Annual Total Police Crash Reports by Type of Road User Involved. Bicycle and Pedestrian Crashes involve one or more motor vehicles and a cyclist or pedestrian, while Auto Only crashes involve only motor vehicles.

When a crash report is filed, the responding officer records detailed information about the circumstances of the crash, including crash location and the type of road users involved. Of the 875 crash reports in 2024, 9.3% (81 crashes) involved a non-motorist. This represents an increase of nearly 39.5% compared to the 50 non-motorist crashes in 2023, and an increase of 70% compared to the 10-year average (48 non-motorist crashes). Motor vehicle-only crashes accounted for 91% of crashes in 2024, followed by vehicle-versus-cyclist crashes at 2%, and vehicle-versus-pedestrian crashes at 7%.



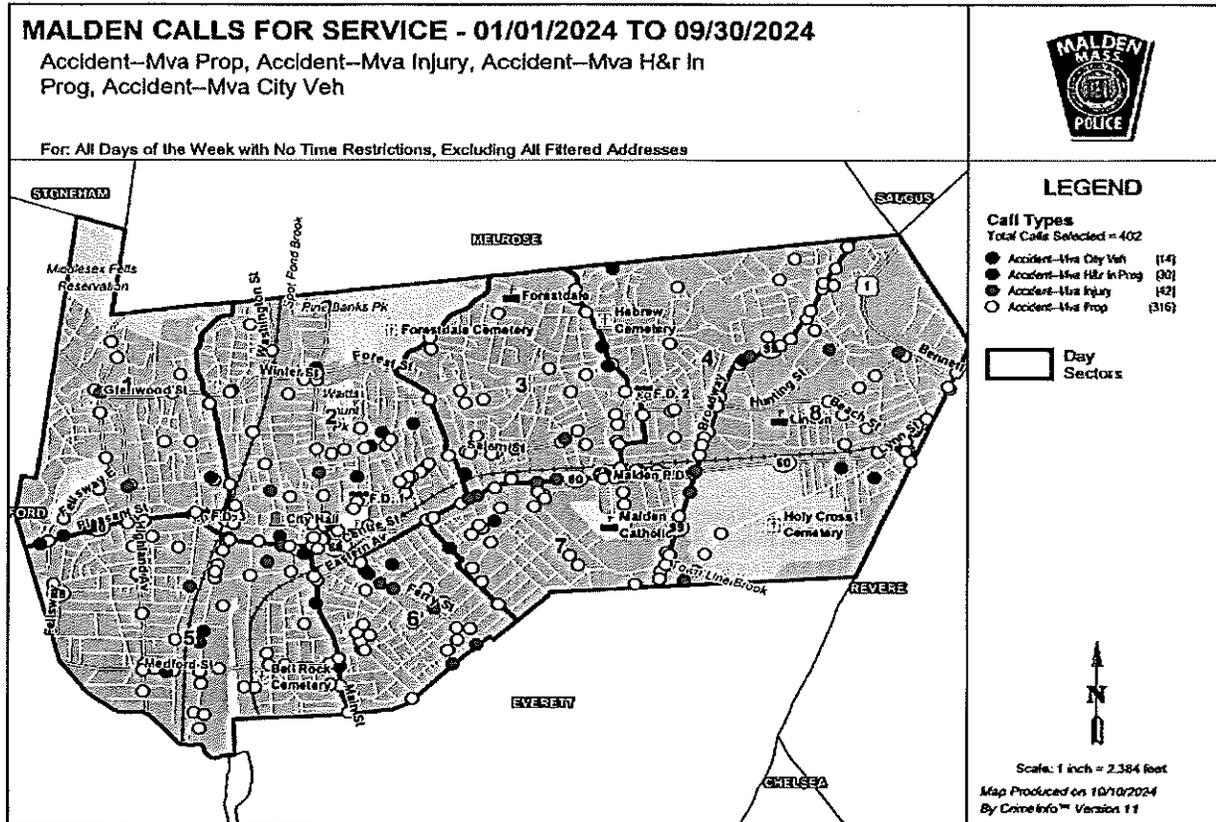


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Crash Locations

The map depicts the locations of crash reports with all road user types in the year of 2024.



The Malden Police Department contributes to state-wide campaigns such as "Click It or Ticket". According to the National Highway Traffic Safety Institute, an estimated 85 percent of people used their seat belt in 2010. Seat belt use has decreased the number of traffic related fatalities.

The Department works to reduce the number of collisions so that officers have more time to conduct proactive policing. An average traffic collision can occupy from 42 minutes to more than 2.5 hours of an officer's time depending upon the damage and severity of the collision. Using funds from grants, the Malden Police Department purchased a roadside speed trailer to help educate drivers. This speed trailer also gathers data. It has the ability to capture the speed of every vehicle that passes along with a time and date stamp. The information is used to determine if there is a need for enforcement action as well as the best time to deploy resources to the



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area. The Department also has made several presentations regarding the dangers of distracted driving and are trying to educate the public through the distribution of educational flyers.

To learn more about the dangers of distracted driving, here are some facts:

- Distracted driving is one of the leading causes of motor vehicle accidents.
- The majority of distracted driving incidents are caused by cell phone use.
- Distracted driving causes more than 3,000 deaths per year.
- More than 2.5 million people are involved in crashes each year, and distracted driving is the leading cause.
- In 2020, 7% of drivers ages 15-20 involved in fatal crashes were reported as distracted, the largest proportion for any age group.
- In 2019, 39% of high school students reported texting or emailing while driving during the past month.

Distracted driving is dangerous, claiming 3,522 lives in 2021. NHTSA leads the national effort to save lives by preventing this dangerous behavior. Get the facts, get involved, and help us keep America's roads safe.

Collision Reconstruction Team

The Malden Police Department utilizes the Massachusetts State Police Collision Reconstruction Team who responds to all fatal traffic collisions as well as serious crashes that may result in a fatality. The team members have extensive training in physics and mathematics and use specialized equipment to document and determine contributing factors that may have caused the collision. The team also assists detectives in documenting major crime scenes.

The Team's responsibility is to determine if criminal charges are applicable. If so, the Team investigates and helps in the prosecution of those cases which may involve felony or misdemeanor offenses. They also help document and preserve evidence that may later be used in civil proceedings. Also, the Team's investigations into causal factors help aid in the continuous research efforts underway by academics, government experts, and automotive engineers who are trying to make our automobiles and roadways safer.



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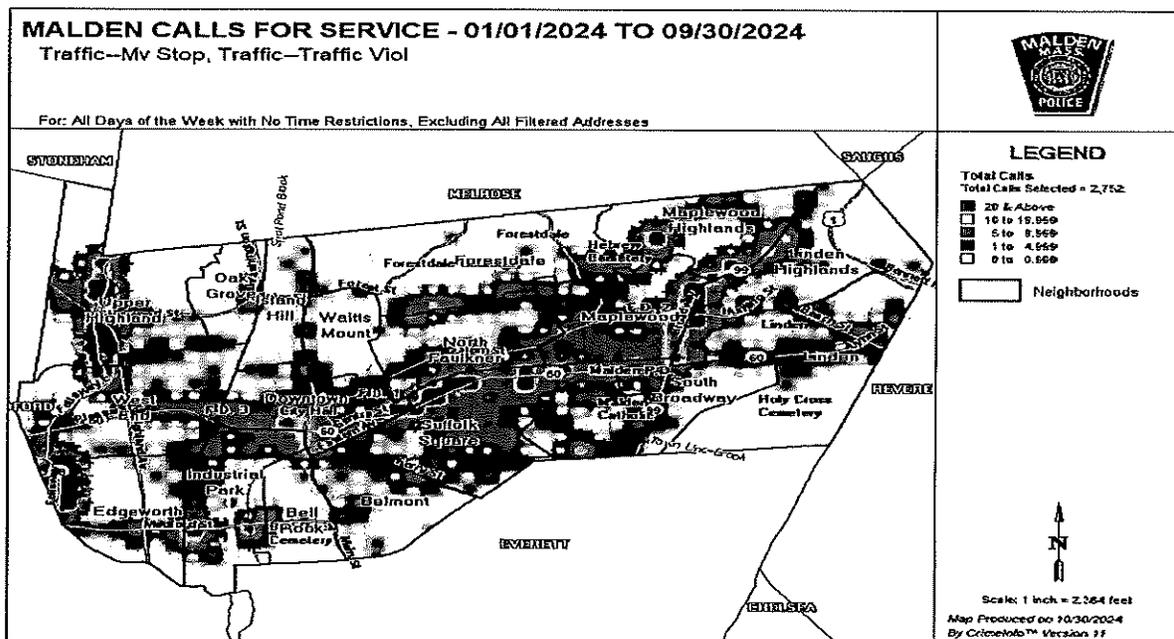
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DUI and Selective Enforcement

The Malden Police Department is grateful for the grant funding that it receives from the State of Massachusetts to conduct targeted traffic and DUI enforcement. With the grant funding, officers are able to conduct check points and receive training to better detect impaired driving. They traffic units are deployed and assigned to traffic enforcement activities. Selective enforcement techniques will include radar, speed trailers, marked cars, and other speed measuring devices.

The Malden Police conduct our alcohol enforcement program utilizing the resources provided by the Municipal Road Safety (MRS) grant program. There are two traffic enforcement campaigns in which an emphasis is placed on the detection and removal of intoxicated drivers. A priority enforcement period has been identified as occurring between 2pm and 7am, Thursday through Sunday. Statewide data has shown that these are the days when most impaired driving crashes occur.

The Malden Police have last implemented this program during the campaign periods of August 12- September 15, 2024 and a winter mobilization which occurred between December 1- 31, 2023.

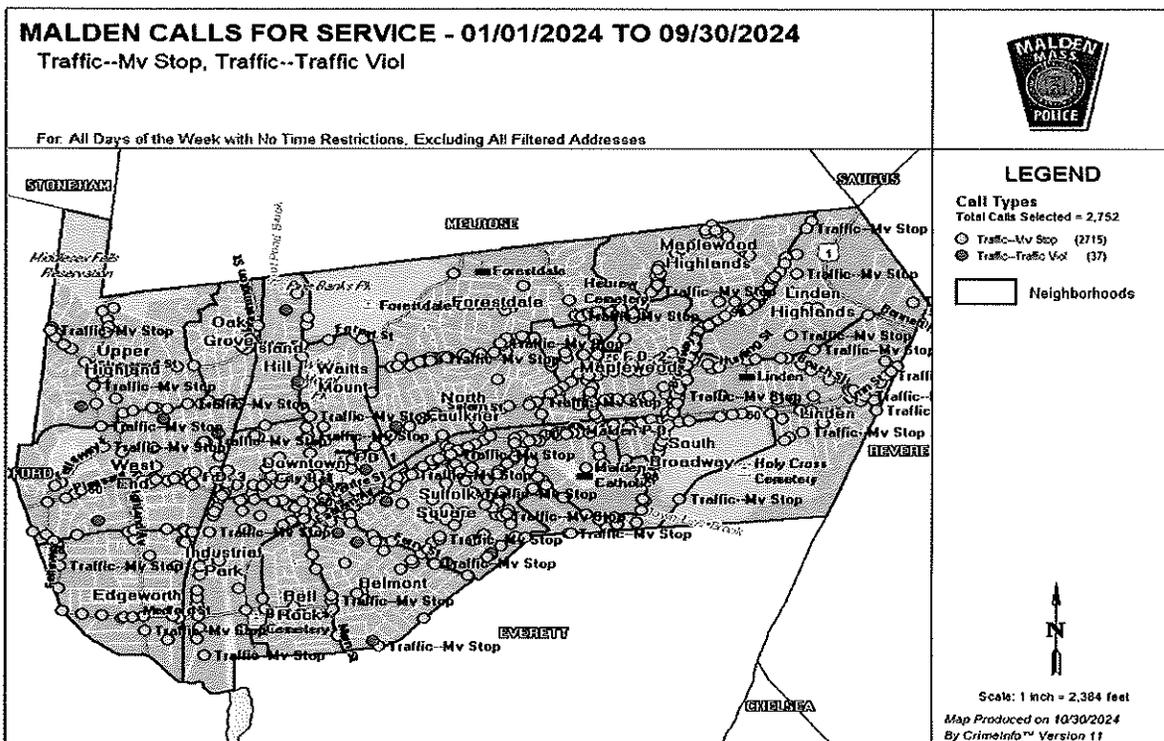
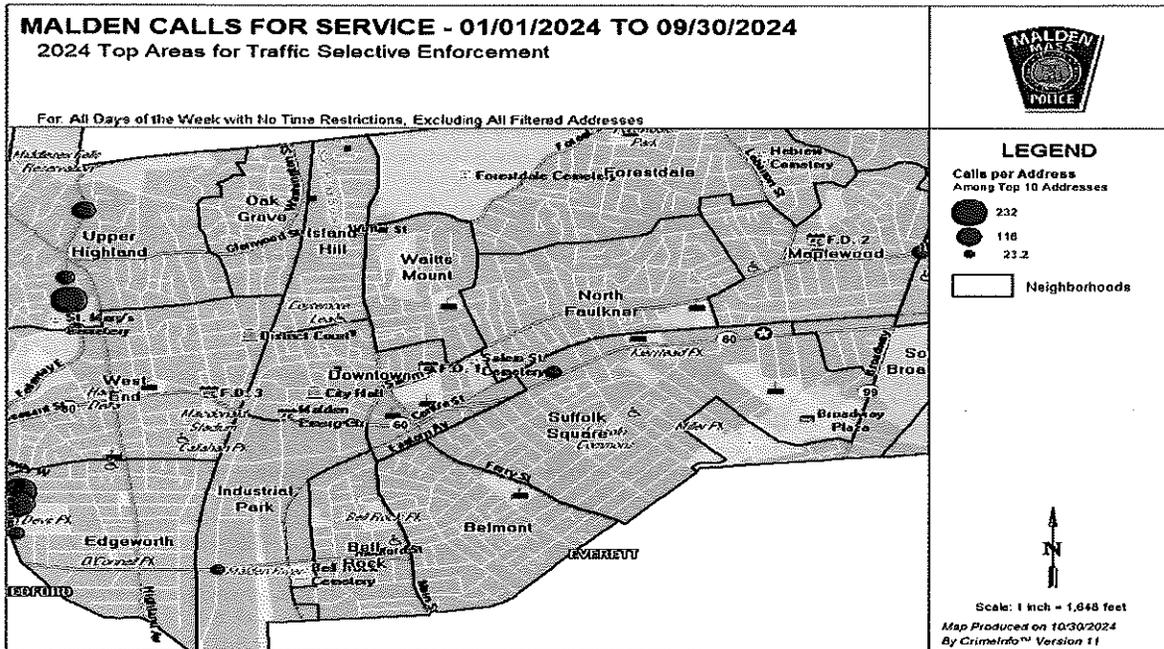




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