

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

NH Department of Transportation's Mission

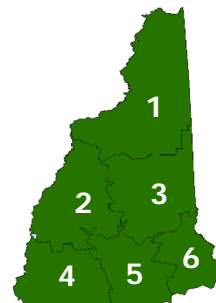
Transportation excellence enhancing the quality of life in New Hampshire.

Transportation Management Center's Mission

The Transportation Management Center's mission is to detect, verify, and respond to incidents that affect the state transportation network. It serves to improve traffic operations, provide the public with current, accurate and useful travel and commuter information that promotes safe and efficient travel, as well as facilitates the maintenance of New Hampshire's transportation system.

New Hampshire Transportation Management Center Coverage Areas by District

The State of New Hampshire is divided into six Districts and the New Hampshire Turnpike System comprising of approximately 9,266 lane miles.



Permanent ITS Equipment List

Closed-Circuit Television (CCTV) Cameras

	2023 Total	2024 Total
CCTV cameras are used to pinpoint and monitor traffic events so that information can be disseminated quickly and accurately.	146	146

CCTV cameras are used to pinpoint and monitor traffic events so that information can be disseminated quickly and accurately.



Dynamic Message Signs (DMS)

	2023 Total	2024 Total
DMS aid in sending messages to motorists to inform them of traffic events that may be impacting their route ahead.	57	57
¹ Additional DMS that TSMO uses during the winter season.	16 ¹	16 ¹
² TSMO is responsible for an additional ~20 DMS for the department.	20 ²	20 ²

DMS aid in sending messages to motorists to inform them of traffic events that may be impacting their route ahead.

¹ Additional DMS that TSMO uses during the winter season.

² TSMO is responsible for an additional ~20 DMS for the department.



Road Weather Information System (RWIS)

	2023 Total	2024 Total
A RWIS collects and displays data from a network of pavement and atmospheric sensors to provide site-specific weather and pavement surface condition information.	38	38

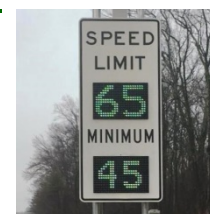
A RWIS collects and displays data from a network of pavement and atmospheric sensors to provide site-specific weather and pavement surface condition information.



Variable Speed Limit Sign (VSL)

	2023 Total	2024 Total
VSL are speed limits that change based on road, traffic, and weather conditions.	21	21

VSL are speed limits that change based on road, traffic, and weather conditions.



Motor Vehicle Detection System (MVDS)

	2023 Total	2024 Total
MVDS are sensors that collect speed and volume data.	39	39

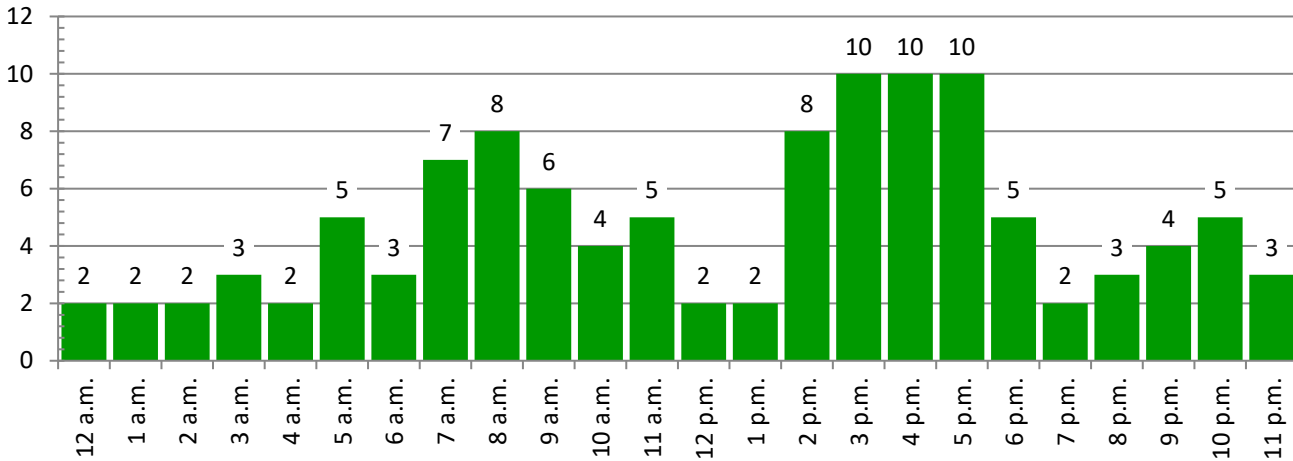
MVDS are sensors that collect speed and volume data.



Summary

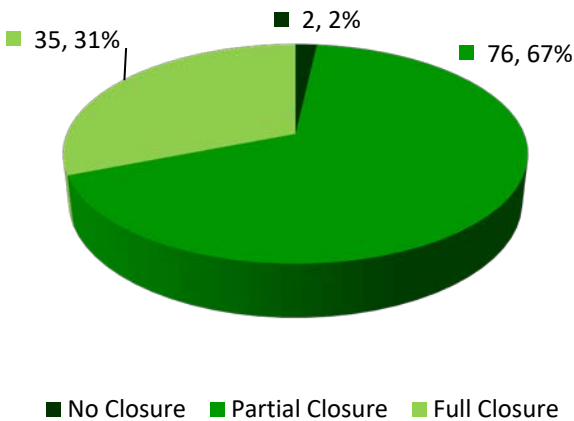
	Current Month	2024 Total
Unplanned Incidents	Total Unplanned Incidents	
Operators log information about each unplanned incident including date/time, location, traffic impact, and duration.	113	387
Planned Incidents	Total Planned Incidents	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	93	197
Communication	Total Calls	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	3,337	8,191
Work Zones Communication	Total Construction Calls	
Construction related activities or communication that is outside of planned incidents.	658	1,824
DMS Messages	Total Messages	
All changes to DMS are logged and reviewed.	19,024	33,243
Public Outreach	Total NHTMC.com Webpage Users	
Operators use New England 511 and nhtmc.com to inform motorists about traffic events and other road related information.	2,658	4,067
Storm Desk Activations	Total Storm Desk Activations	
The TSMO Storm Desk is activated during storm events. The Storm Desk is utilized as a single point of contact to stakeholders.	1	3

Unplanned Incidents



Increased staffing within the TMC is necessary during normal business hours to better facilitate daily operations while also managing unplanned incidents. Incidents are tracked by the time at which the operators are notified of the start of the event.

Current Month - Incidents by Type



This graph shows the type of incident totals for the month.

Types of Incidents:

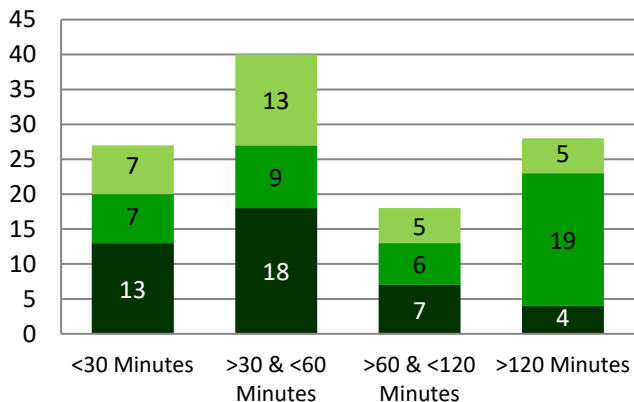
No Closure: No lane closures occurred during the incident.

Partial Closure: Only a part of the roadway was closed.

Full Closure: All lanes were closed during the incident.

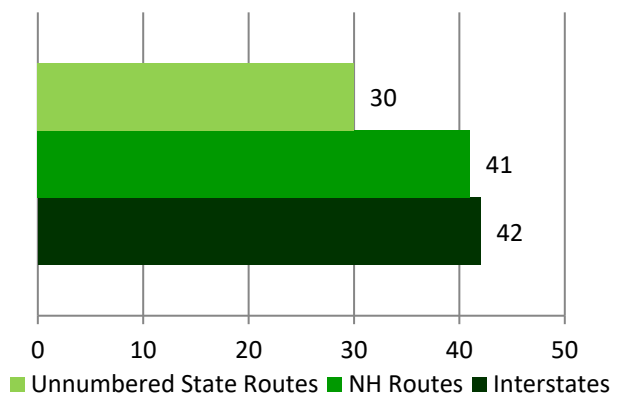
Current Month - Incident Duration

This graph shows the duration history of incidents.

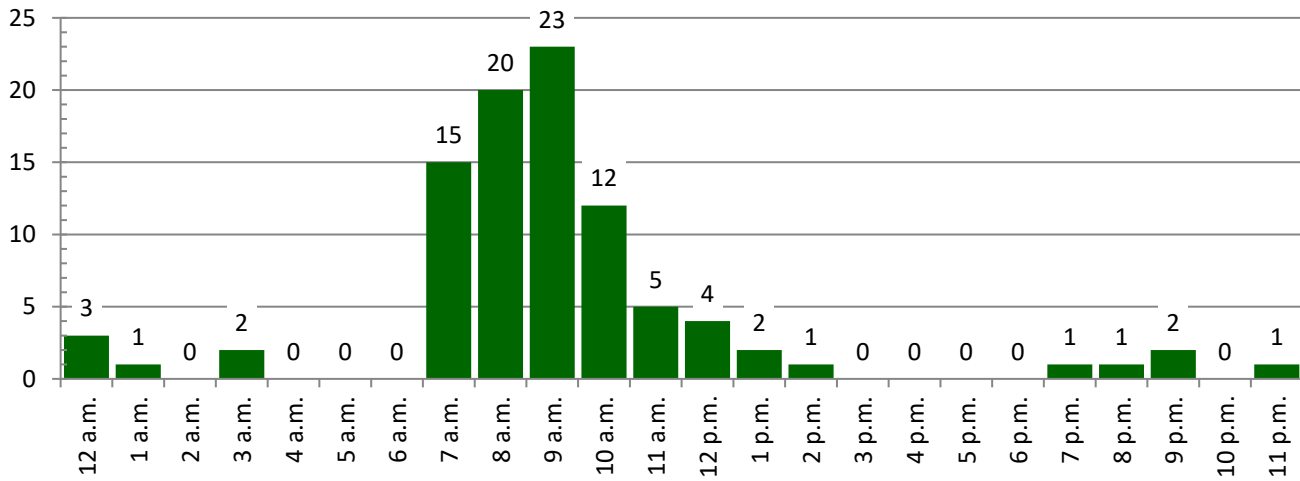


Current Month - Incident by Road

This graph shows which type of roadway the incidents occurred on.

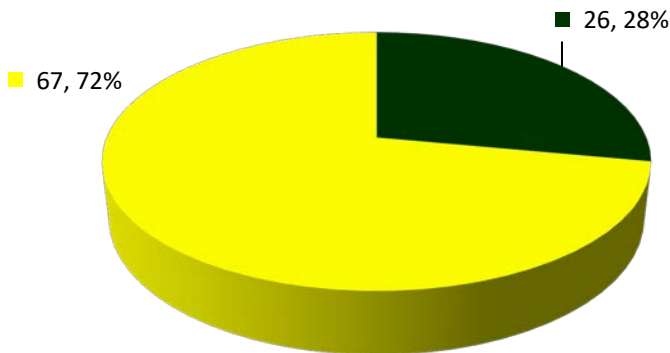


Planned Events



Additional staffing within the TMC is necessary during peak hours to meet the demands of daily planned operations. Planned Events are tracked by the time at which the operators are notified of the start of the event.

Current Month - Incidents by Type



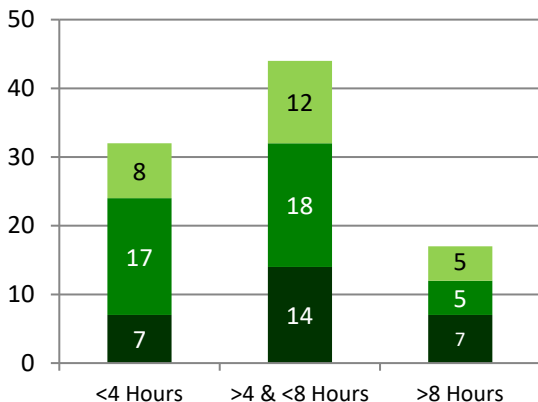
This graph shows the type of incident totals for the month.

Planned Events that impact the roadway, shoulder, or a ramp include events such as construction, bridge maintenance, or road maintenance. Each type could result in a partial closure or full closure.

- Construction (Partial Closure)
- Construction (Full Closure)
- Bridge Maintenance (Partial Closure)
- Bridge Maintenance (Full Closure)
- Road Maintenance (Partial Closure)
- Road Maintenance (Full Closure)
- Other

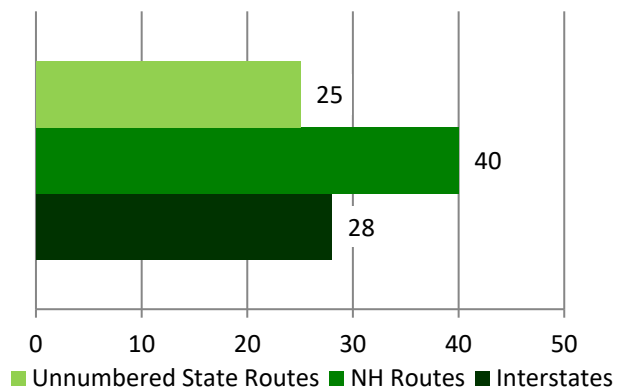
Current Month - Incident Duration

This graph shows the duration history of incidents.



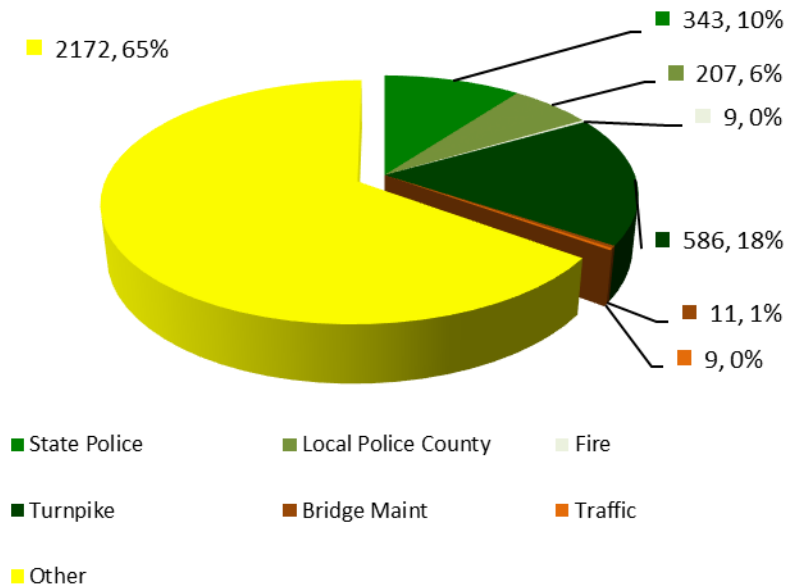
Current Month - Incident by Road

This graph shows which type of roadway the incidents occurred on.



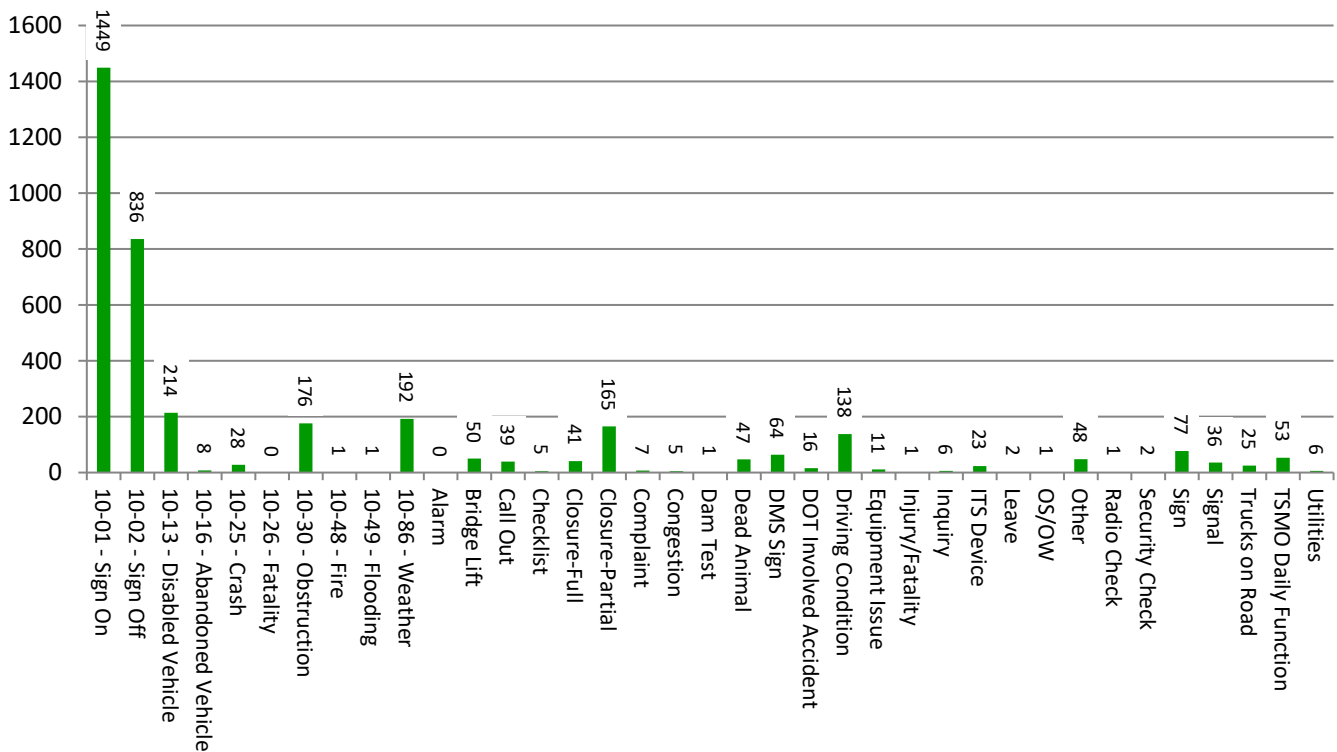
Current Month - Calls by Type

Dispatchers receive different types of calls throughout the day. They log the type of call and review this information monthly.



Log Entries by Type

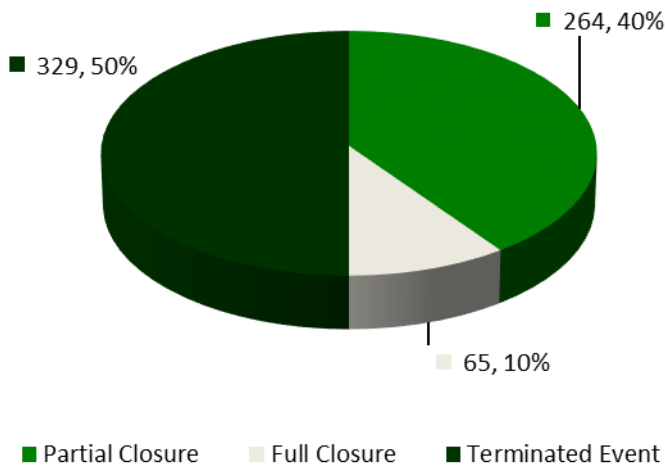
This graph shows the amount of log entries by type that TMC Operators have input into the Compass ATMS for the current month.



Work Zone Communication

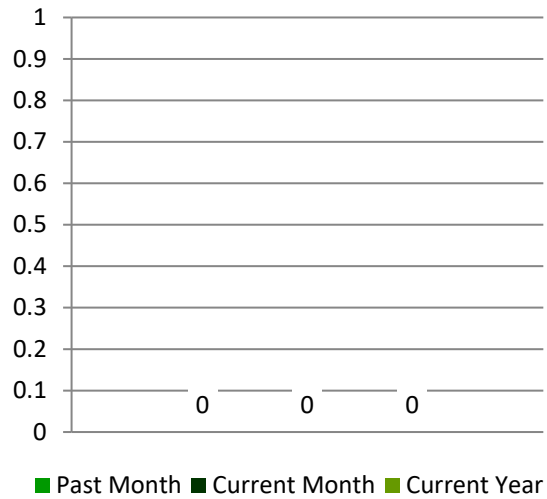
Current Month – Construction Calls

This graph shows the different types of construction related calls that dispatchers received.

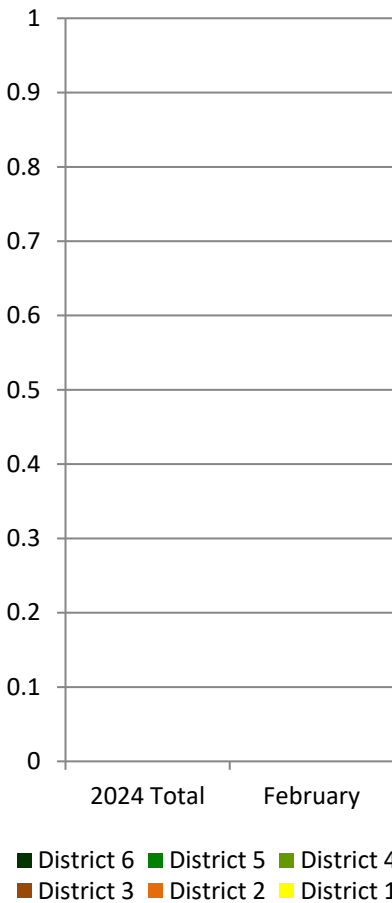


Incidents Occurring in Work Zones

This graph shows the total number of incidents reported on Work Zone Crash Reports from the Bureau of Construction.

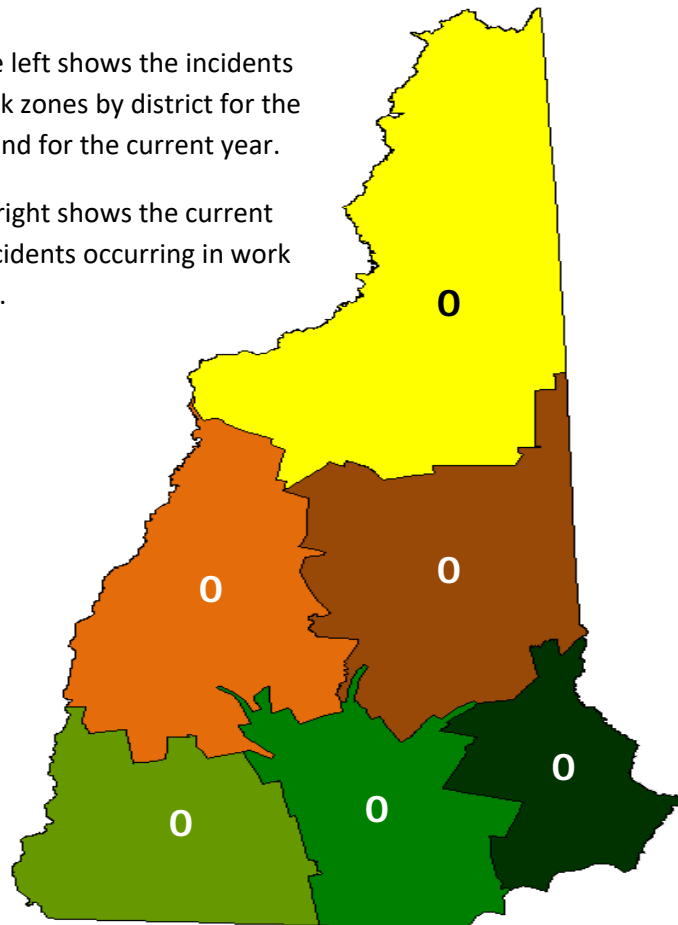


Incidents Occurring in Work Zones by Location



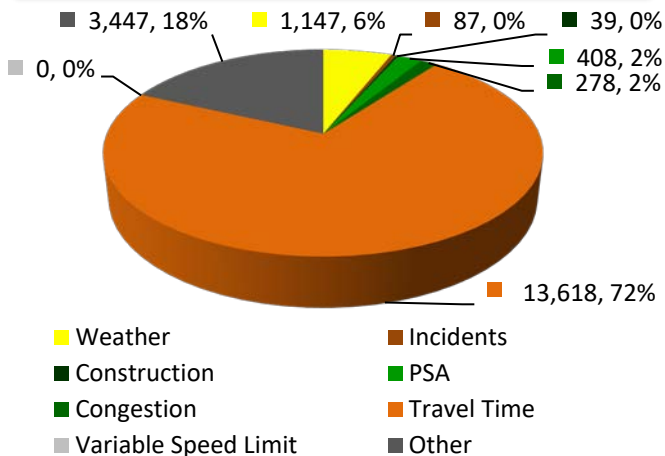
The graph to the left shows the incidents occurring in work zones by district for the current month and for the current year.

The map to the right shows the current year total for incidents occurring in work zones by district.

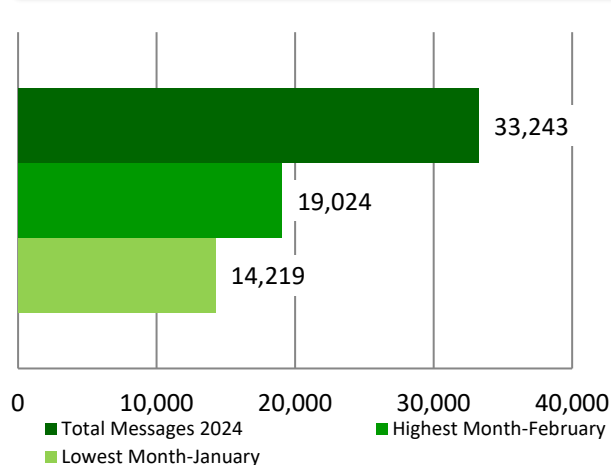


DMS Messages

Current Month - Messages by Type



Total Messages - 2024



This graph shows the type of message that were relayed to the public by being displayed on the DMS.

This graph shows the total messages that were posted to DMS for the year so far.

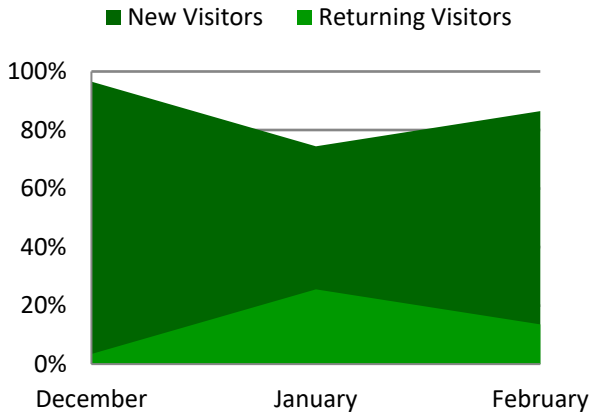
Current Month - Total Messages Posted by Board

101 E 52.8 FSV5	83	89S 42.6 PSV2	59	ST N 16.2 PSVT - SWZ - M06	21
101 E 53.4 PSVT - SWZ - M07	7	89S 55.0 PSV2	32	ST N 16.7 PSVT - SWZ - M05	117
101 W 54.3 PSVT - SWZ - M06	8	89S 57.7 FSS2	64	ST N 19.2 PSVT	24
101E 102 PSP5	20	93 N 0.5 FSDT	180	ST N 4.3 PSVT - SWZ - M01	444
101E 114.8 FSV6	212	93 N 7.5 FSD5	260	ST N 4.4 FSST	43
101W 102.6 FSV5	32	93N 23.4 FSD5	608	ST N 5.0 PSVT - SWZ - M02	222
101W 115 PSP5	15	93N 32.9 FSST	34	ST N 7.0 SKVT	17
101W 128 PSV6	19	93N 36.2 FSVT	57	ST S 18.25 PSVT - SWZ - M07	120
16N 35.0 PSV3	18	93N 43.8 PSP5	16	ST S 19.25 PSVT - SWZ - M08	12
16S 75.4 FSV3	17	93N 76.4 FSV3	17	ST S 24.4 FSVT	212
293 S 5.1 PSVT - SWZ - M05	7	93N 82.6 FSV3	17	ST S 3.4 FSDT	3,984
293N 8.8 FSPT	304	93N 99.6 FSA3	46	ST S 34.4 PSVT	21
293S 1.4 FSD5	90	93S 117.6 FSA1	23	ST S 6.6 PSVT - SWZ - M03	275
293S 4.8 FSDT	78	93S 122.2 FSV1	20	ST S 6.9 PSVT - SWZ - M04	94
393 W 1.9 PSV5	22	93S 23.4 FSD5	295	ST S 7.8 FSAT	2,535
4 W 98.9 FSS6	38	93S 27.8 FSDT	779	WA W 0.5 FSST	23
4E 92.4 FSS6	18	93S 32.5 FSVT	30		
4E 98 FSA6	74	93S 36.5 FSST	38		
89 N 23.2 PSV2 - SWZ - M01	163	93S 39.0 FSV5	30		
89 N 23.7 PSV2 - SWZ - M02	163	93S 43.3 PSV5	24		
89 N 26.4 PSV2 - SWZ - M03	129	93S 48.0 FSV5	31		
89 N 28.4 PSV2 - SWZ - M08	102	93S 57.6 PSP5	18		
89 N 30.2 PSV2 - SWZ - M04	37	93S 68.8 FSV3	40		
89 N 56.8 PSV2 - SWZ - M01	50	93S 7.2 FSD5	204		
89 N 57.2 PSV2 - SWZ - M02	36	93S 85.4 FSV3	41		
89 N 57.3 FSS 2	18	95MN 12.8 PSVT	28		
89 N 59.8 PSV2 - SWZ - M03	38	95N 0.4 FSVT	93		
89 S 28.0 PSV2 - SWZ - M07	24	95N 14.8 FSDT	55		
89 S 31.0 PSV2 - SWZ - M09	38	95N 3.0 FSDT	173		
89 S 31.9 PSV2 - SWZ - M06	120	95S 15.4 FSDT	137		
89 S 32.5 PSV2 - SWZ - M05	120	95S 3.4 FSPT	27		
89 S 58.7 PSV2 - SWV - M07	24	95S 7.6 FSDT	124		
89N 1.8 FSV5	217	FEE N 1.2 FSVT	52		
89N 18.4 FSS5	50	FEE N 14.0 PSVT - SWZ - M-02	45		
89N 35.5 FSV2	27	FEE N 5.2 PSVT	46		
89N 43.8 PSV2	29	FEE N 9.0 PSVT - SWZ - M-03	15		
89N 49.0 PSV2	30	FEE S 17.5 FSVT- SWZ - M-01	41		
89N 54.9 FSS2	27	FEE S 3.8 FSDT	57		
89S 10.8 FSV5	419	FEE S 8.6 FSPT	6		
89S 3.4 FSV5	2,118	RW W 0.7 PSVT - SWZ - M-04	38		
89S 31.4 PSP5	64	ST N 1.0 FSAT	1,855		

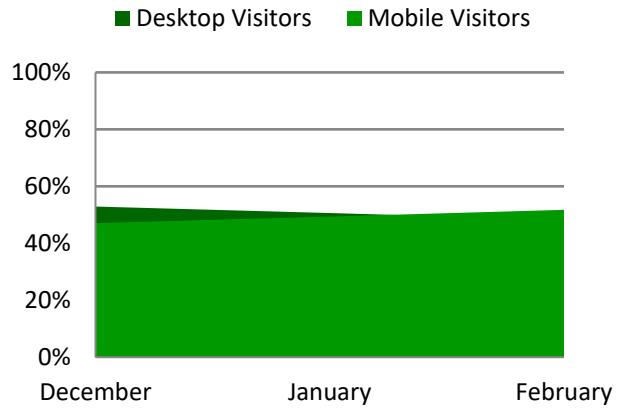
Public Outreach

2,658 Users (Current Month) - NHTMC Website (www.nhtmc.com)

New/Returning Visitors



Desktop/Mobile Visitors



This graph shows the ratio of new/ returning users that visited the NHTMC website. A new visitor is a user accessing the website for the first time. A returning visitor is a user who has accessed the website earlier.

This graph shows the ratio of desktop/mobile visitors that accessed the NHTMC website.



22,554 Total NewEngland511 Accounts

www.NewEngland511.org Notifications

