

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

NH Department of Transportation's Mission

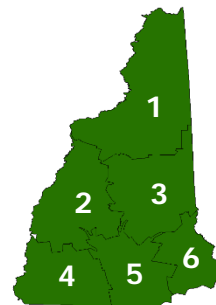
Transportation excellence enhancing the quality of life in New Hampshire.

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

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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

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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

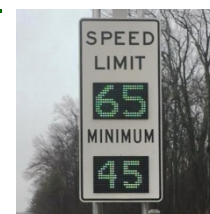
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Variable Speed Limit Sign (VSL)

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

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Motor Vehicle Detection System (MVDS)

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

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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.	110	924

	Current Month	2024 Total
Planned Incidents	Total Planned Incidents	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	581	1,275

	Current Month	2024 Total
Communication	Total Calls	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	5,068	22,630

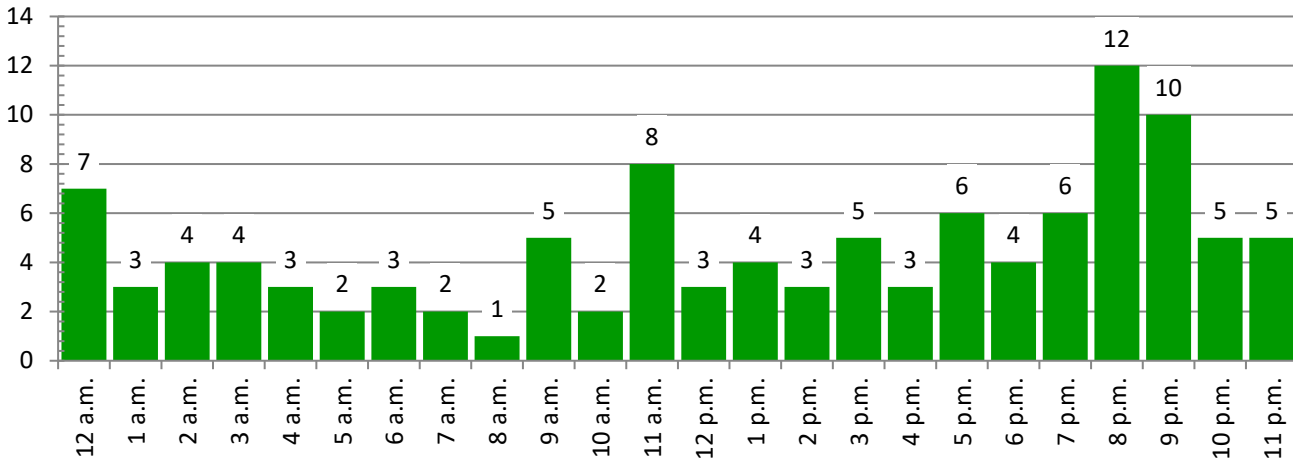
	Current Month	2024 Total
Work Zones Communication	Total Construction Calls	
Construction related activities or communication that is outside of planned incidents.	2,424	7,450

	Current Month	2024 Total
DMS Messages	Total Messages	
All changes to DMS are logged and reviewed.	30,191	98,765

	Current Month	2024 Total
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.	377	6,707

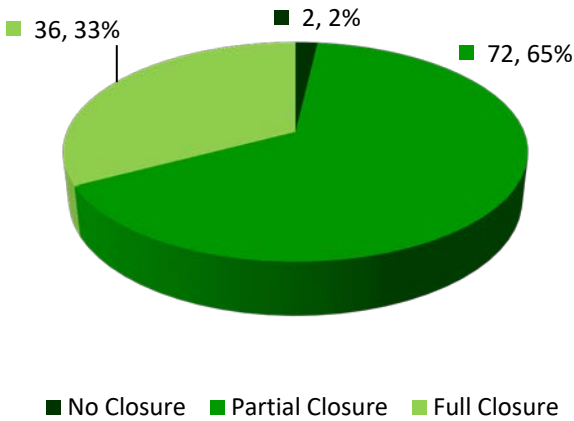
	Current Month	2024 Total
Storm Desk Activations	Total Storm Desk Activations	
The TSMO Storm Desk is activated during storm events. The Storm Desk is utilized as a single point of contact to stakeholders.	0	5

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



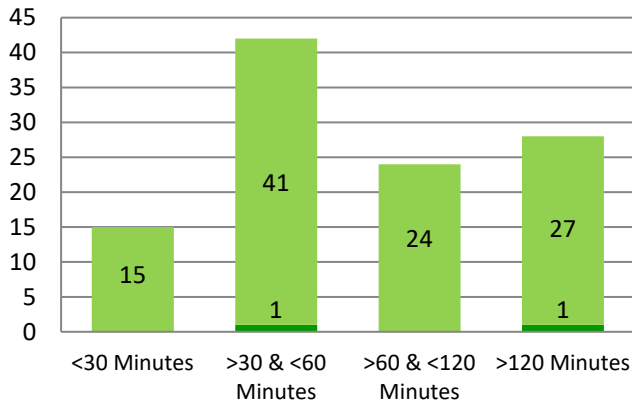
This graph shows the type of incident totals for the month.

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.

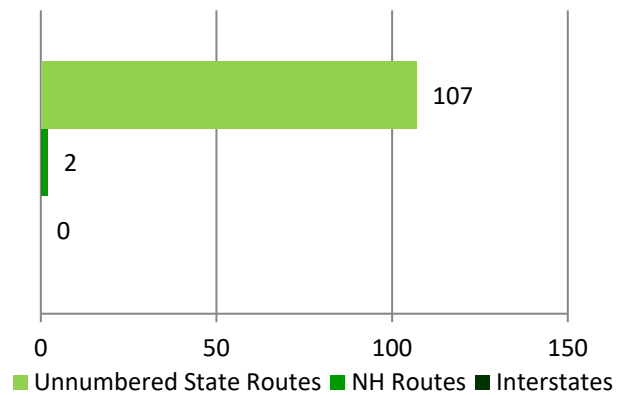
Current Month - Incident Duration

This graph shows the duration history of incidents.

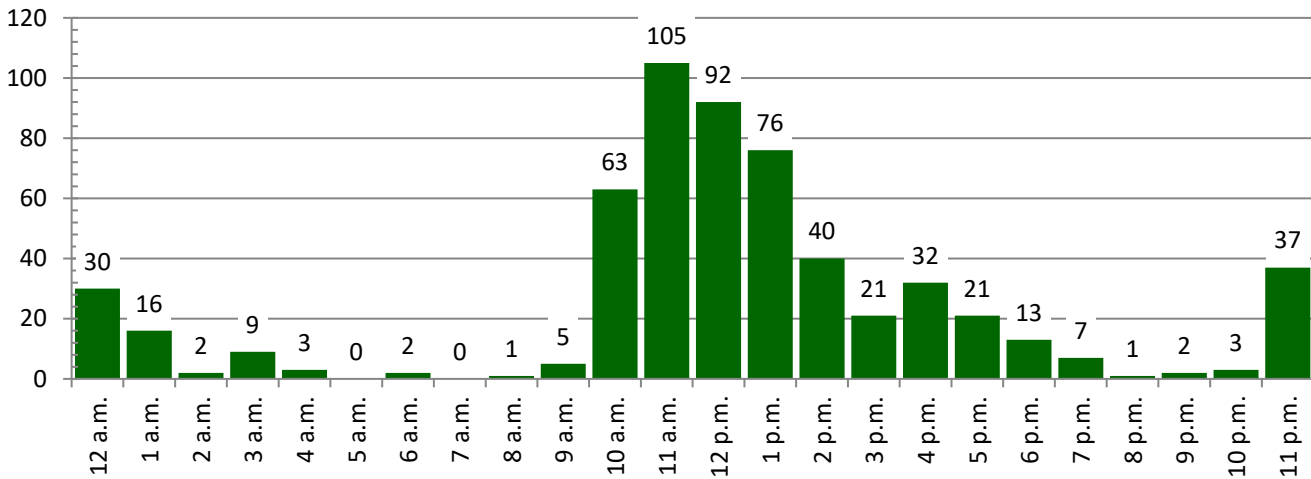


Current Month - Incident by Road

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

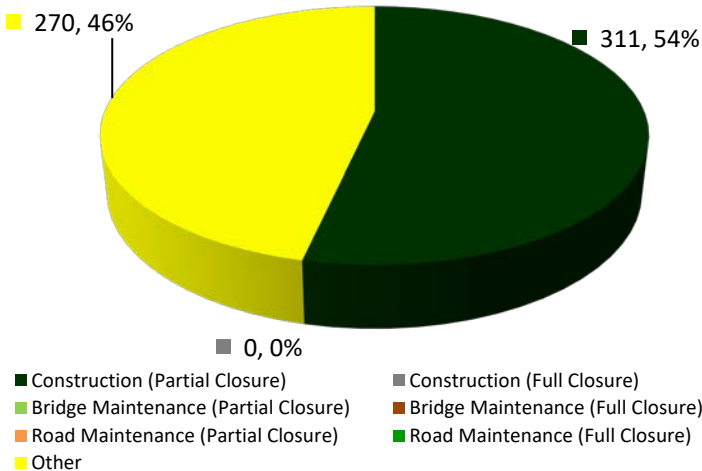


Planned Events



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

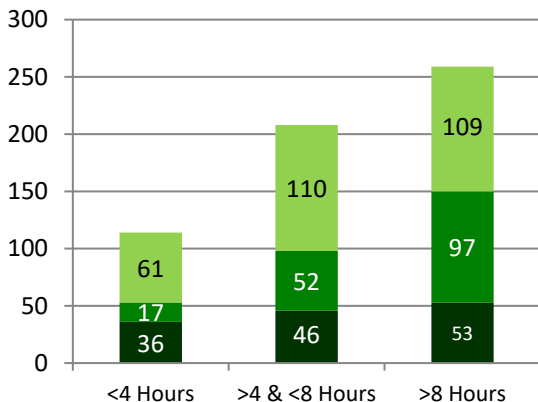


This graph shows the type of incident totals for the month.

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.

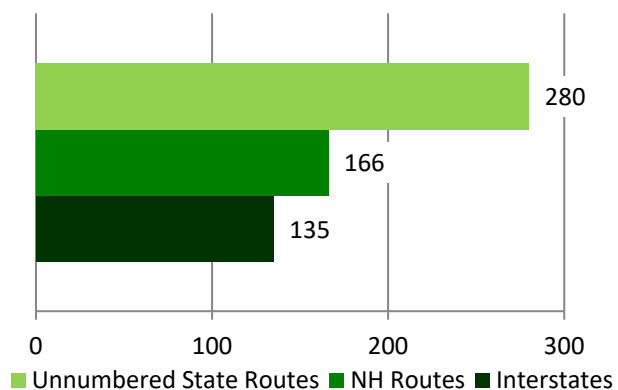
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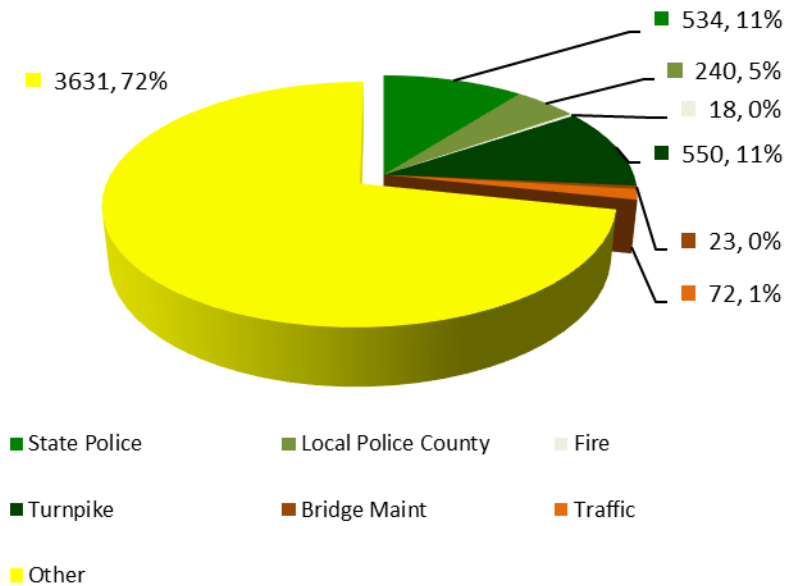
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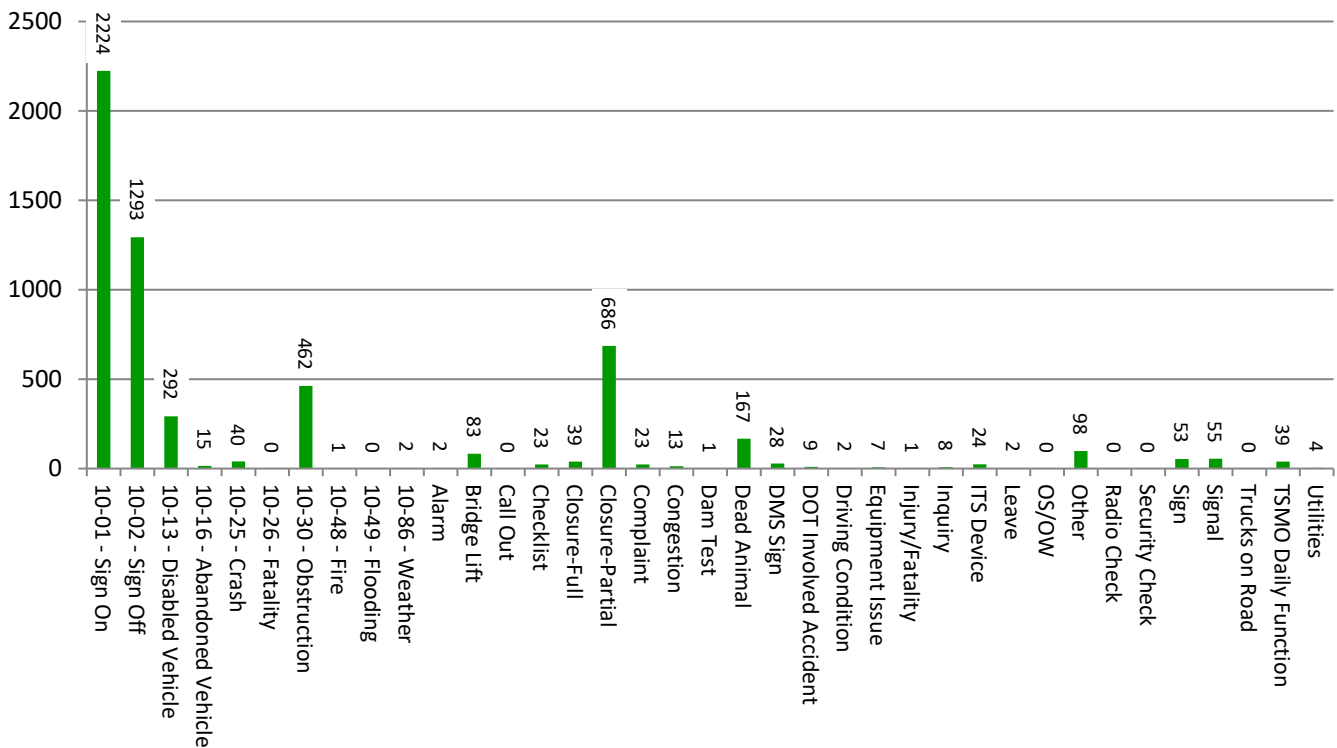
Current Month - Calls by Type

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



Log Entries by Type

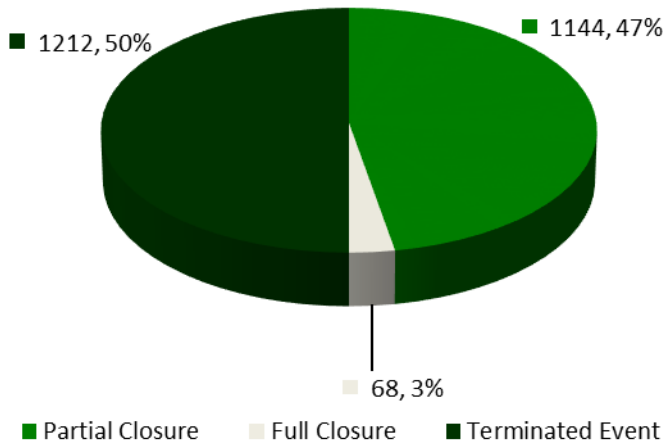
This graph shows the amount of log entries by type that TMC Operators have input into the Compass ATMS for the current month.



Work Zone Communication

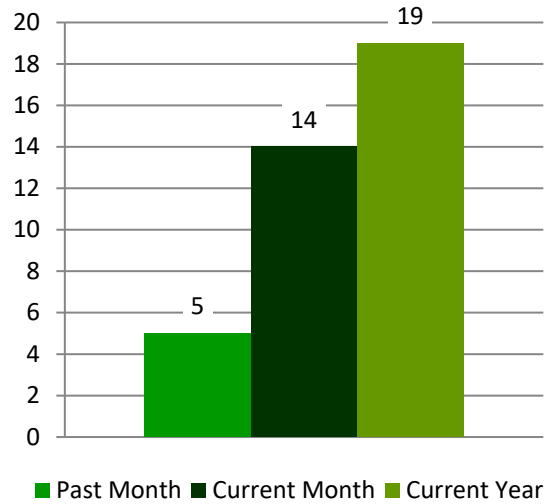
Current Month – Construction Calls

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.

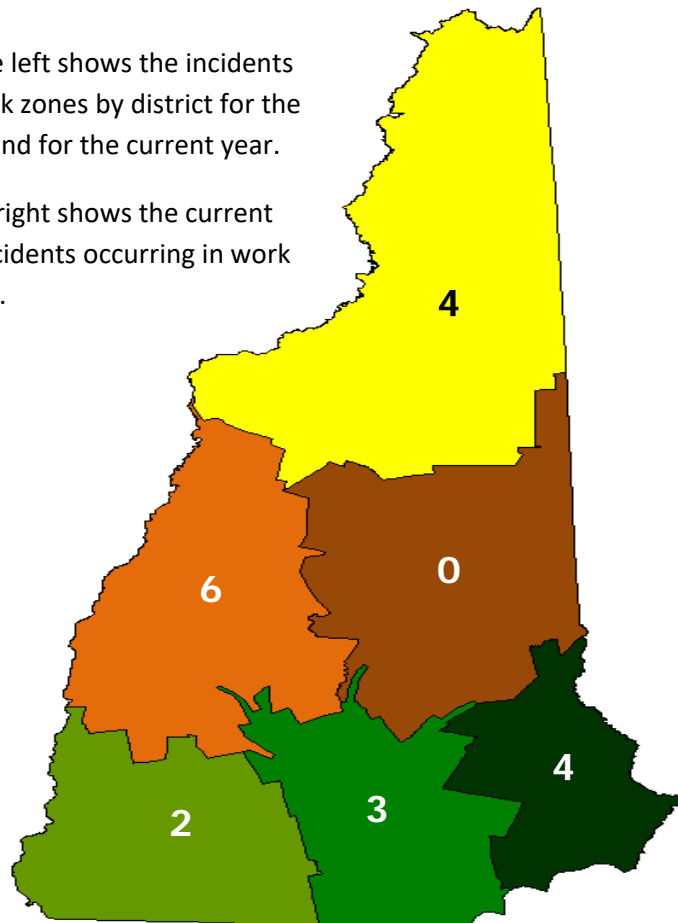


Incidents Occurring in Work Zones by Location



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

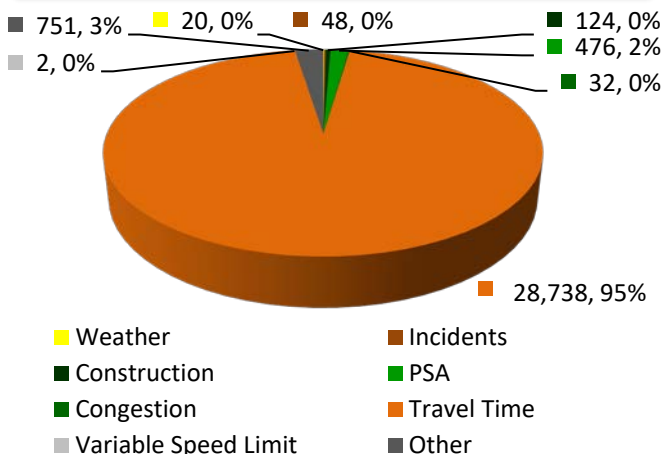
The map to the right shows the current year total for incidents occurring in work zones by district.



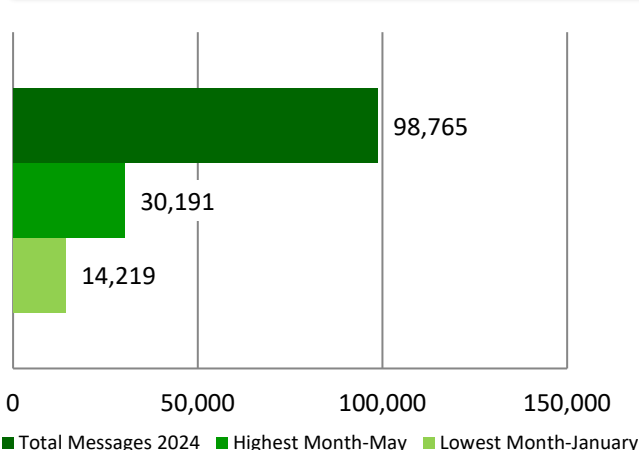
■ District 6
 ■ District 5
 ■ District 4
■ District 3
 ■ District 2
 ■ District 1

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.

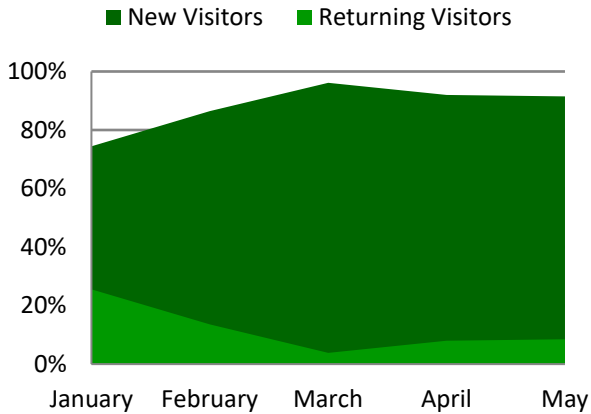
Current Month - Total Messages Posted by Board

ST S 3.4 FSDT	6799	4E 92.4 FSS6	15	95S 7.2 PSVT	2
89S 3.4 FSV5	4856	89 N 56.8 PSV2 - SWZ - M01	14	ST N 16.2 PSVT - SWZ - M06	2
ST N 1.0 FSAT	4540	ST N 7.0 SKVT	14	ST N 5.0 PSVT - SWZ - M02	2
ST S 7.8 FSAT	3719	93N 76.4 FSV3	13	ST S 19.25 PSVT - SWZ - M08	2
93S 27.8 FSDT	2849	93N 57.6 FSS3	12	ST S 6.9 PSVT - SWZ - M04	2
293N 8.8 FSPT	1634	89 S 58.7 PSV2 - SWV - M07	10	101 E 74.8 FSV6	1
93N 23.4 FSD5	1511	93S 32.5 FSVT	9	101 W 54.3 PSVT - SWZ - M06	1
95S 15.4 FSDT	635	ST S 11.6 FSAT	9	101 W 60.7 PSST - SWZ - M05	1
93 N 7.5 FSD5	624	95N 4.8 PSVT	8	16S 75.4 FSV3	1
93S 23.4 FSD5	561	FEE S 8.6 FSPT	8	293 S 1.1 PSST - SWZ - M06	1
89S 10.8 FSV5	382	89 N 57.2 PSV2 - SWZ - M02	7	89 N 23.2 PSV2 - SWZ - M01	1
95S 7.6 FSDT	330	FEE S 17.5 FSVT - SWZ - M-01	7	89 N 26.4 PSV2 - SWZ - M03	1
ST S 24.4 FSVT	207	WA W 0.5 FSST	7	89 N 30.2 PSV2 - SWZ - M04	1
93 N 0.5 FSDT	174	93S 48.0 FSV5	6	89 S 28.0 PSV2 - SWZ - M07	1
95N 3.0 FSDT	156	FEE N 14.0 PSVT - SWZ - M-02	6	89S 55.0 PSV2	1
89N 1.8 FSV5	126	FEE N 5.2 PSVT	6	93 N 17.4 PSST - SWZ - M03	1
93S 7.2 FSD5	83	FEE N 9.0 PSVT - SWZ - M-03	6	93 N 19.6 PSST - SWZ - M-02	1
ST N 16.7 PSVT - SWZ - M05	61	ST N 4.3 PSVT - SWZ - M01	6	93 N 22.7 PSST - SWZ - M01	1
ST S 18.25 PSVT - SWZ - M07	54	101 W 62.5 FSV5	5	93 S 17.8 VSL SE 5	1
93N 32.9 FSST	37	93 SM 17.8 VSL SE 5	5	93N 16.0 VSL D5	1
101 E 52.8 FSV5	35	95S 3.4 FSPT	5	93N 16.0 VSL D5 Median	1
89N 54.9 FSS2	35	89 S 31.9 PSV2 - SWZ - M06	4	95 N 15.6 BOS DA T	1
93N 36.2 FSVT	35	93S 43.3 PSV5	4	95 N 16.1 BOS DA T	1
293S 1.4 FSD5	34	95 S 6.6 PSVT	4		
293S 4.8 FSDT	33	101 E 53.4 PSVT - SWZ - M07	3		
FEE N 1.2 FSVT	33	393 W 1.9 PSV5	3		
4E 98 FSA6	31	RW W 0.7 PSVT - SWZ - M-04	3		
93S 36.5 FSST	31	ST N 19.2 PSVT	3		
93S 117.6 FSA1	30	ST S 6.6 PSVT - SWZ - M03	3		
93S 39.0 FSV5	30	101 W 62.4 PSST - SWZ - M04	2		
93S 68.8 FSV3	30	16N 35.0 PSV3	2		
93S 85.4 FSV3	30	293 S 5.1 PSVT - SWZ - M05	2		
ST N 4.4 FSST	30	89 N 57.3 FSS 2	2		
93N 99.6 FSA3	29	89 N 59.8 PSV2 - SWZ - M03	2		
95N 14.8 FSDT	28	89 S VT 0.9 PSV VT - SWZ - M05	2		
95N 0.4 FSVT	26	91 N VT 69.1 PSV VT - SWZ - M06	2		
FEE S 3.8 FSDT	25	91 S VT 70.6 PSV VT - SWZ - M04	2		
4 W 98.9 FSS6	20	95 N 0.1 BOS DA MTA	2		
89S 57.7 FSS2	19	95 N 0.5 FSD MTA	2		
89N 18.4 FSS5	16	95 N 1.0 BOS DA MTA	2		
93N 82.6 FSV3	16	95MN 12.8 PSVT	2		

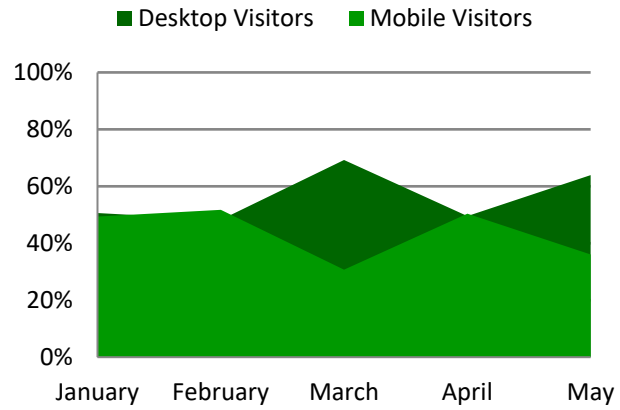
Public Outreach

377 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.



25,214 Total NewEngland511 Accounts

www.NewEngland511.org Notifications

