January 2022

TMC Monthly Operational Summary

Bureau of Transportation Systems Management & Operations (TSMO)

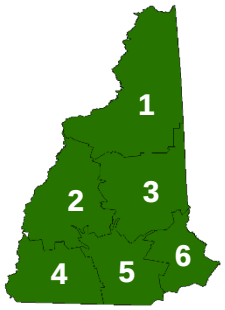
NH Department of Transportation's Mission

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	2021 Total	2022 Total
CCTV cameras are used to pinpoint and monitor traffic events so that information can be disseminated quickly and accurately.	143	143

Dynamic Message Signs (DMS)		
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.	57 16[1] 20[2]	57 16[1] 20[2]

Road Weather Information System (RWIS)		
A RWIS collects and displays data from a network of pavement and atmospheric sensors to provide site-specific weather and pavement surface condition information.	37	37

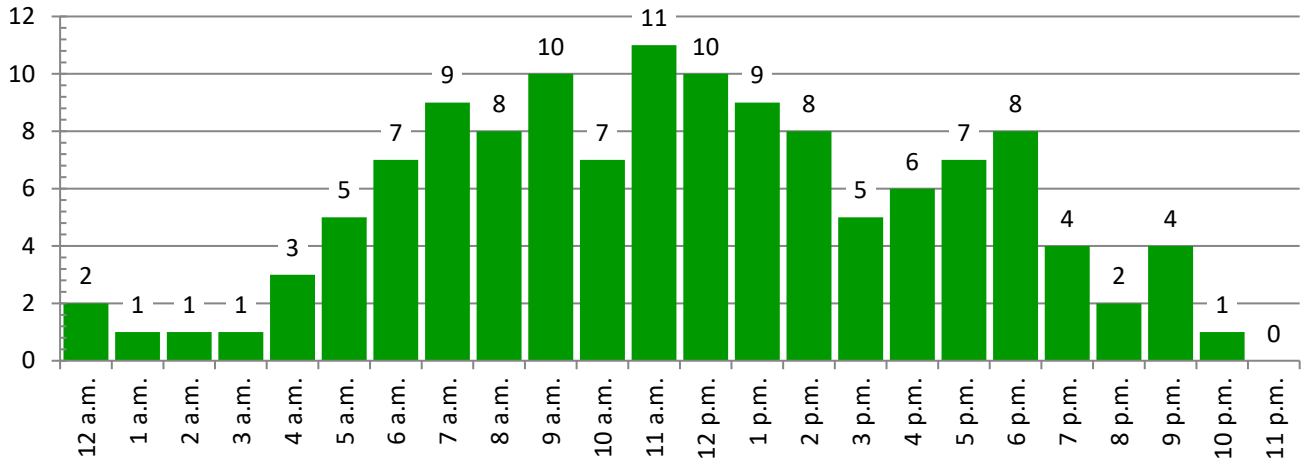
Variable Speed Limit Sign (VSL)		
VSL are speed limits that change based on road, traffic, and weather conditions.	23	23

Motor Vehicle Detection System (MVDS)		
MVDS are sensors that collect speed and volume data.	39	39

Summary

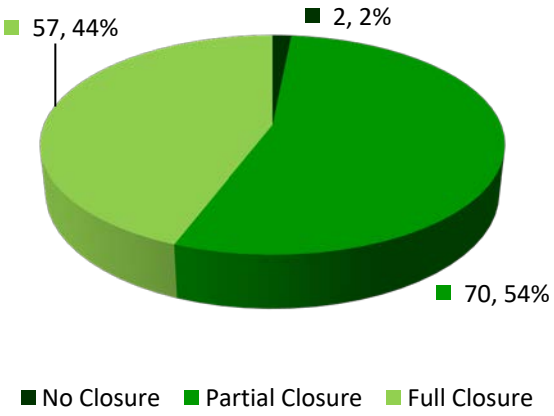
	Current Month	2022 Total
Unplanned Incidents	**Total Unplanned Incidents**	
Operators log information about each unplanned incident including date/time, location, traffic impact, and duration.	129	129
Planned Incidents	**Total Planned Incidents**	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	74	74
Communication	**Total Calls**	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	4,237	4,237
Work Zones Communication	**Total Construction Calls**	
Construction related activities or communication that's outside of planned incidents.	620	620
DMS Messages	**Total Messages**	
All changes to DMS are logged and reviewed.	8,486	8,486
Public Outreach	**Total NHTMC.com Webpage Users**	
Operators use Twitter and nhtmc.com to inform motorists about traffic events and other road related information.	1,561	1,561
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.	4	4

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

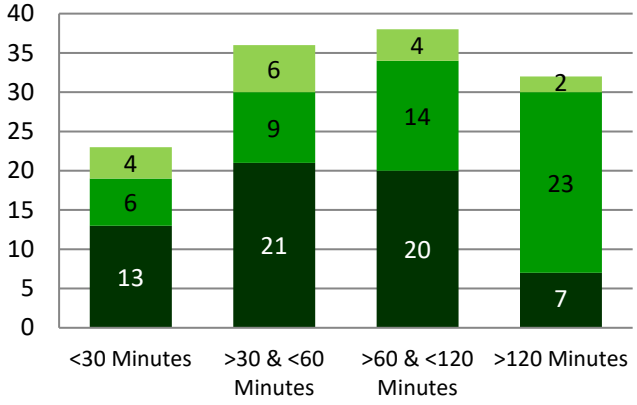


This graph shows the type of incident totals for the month.

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.

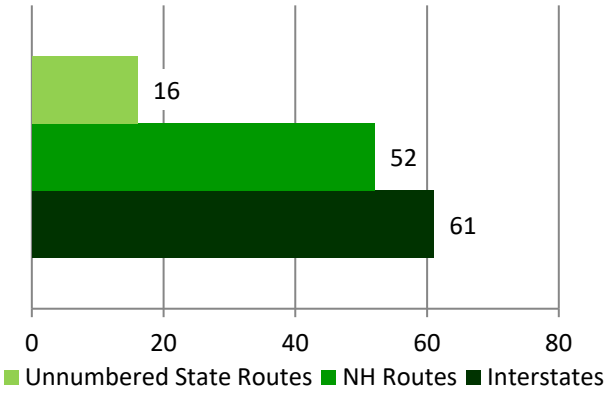
Current Month - Incident Duration

This graph shows the duration history of incidents.

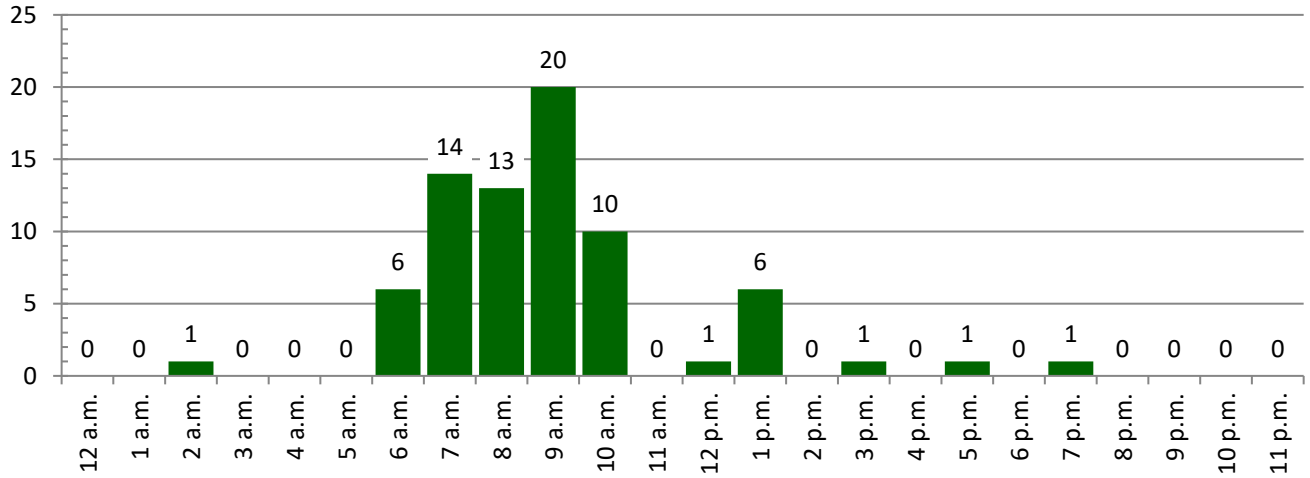


Current Month - Incident by Road

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

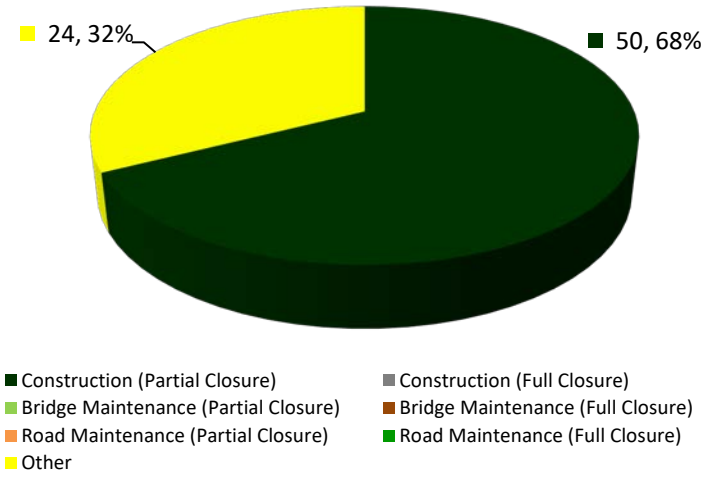


Planned Events



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

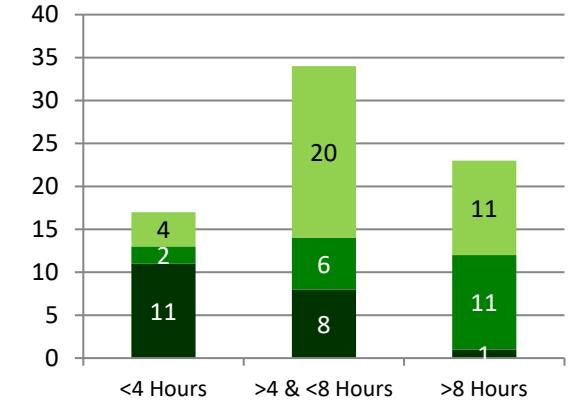


This graph shows the type of incident totals for the month.

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.

Current Month - Incident Duration

This graph shows the duration history of incidents.



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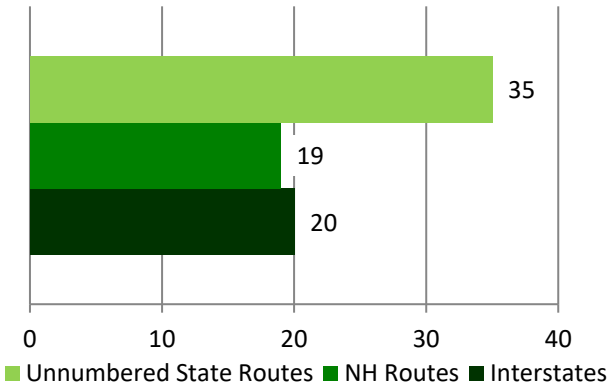
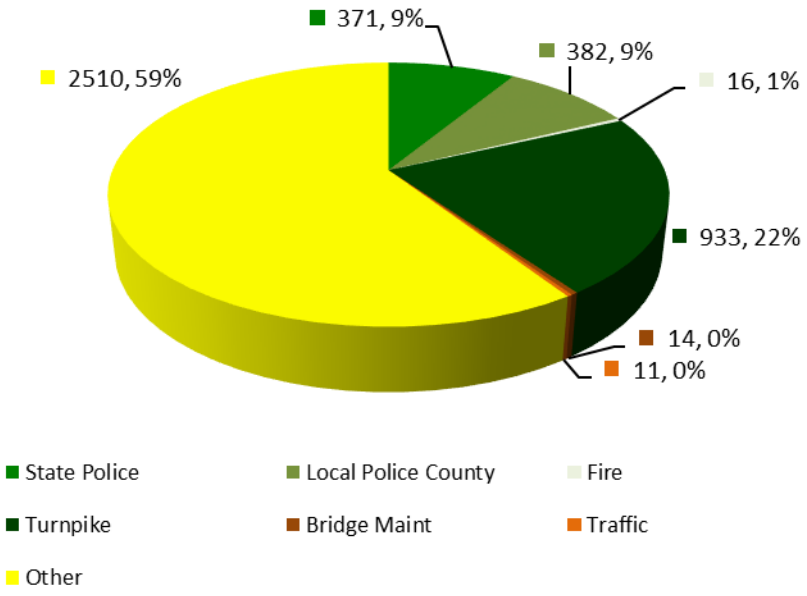


Communication

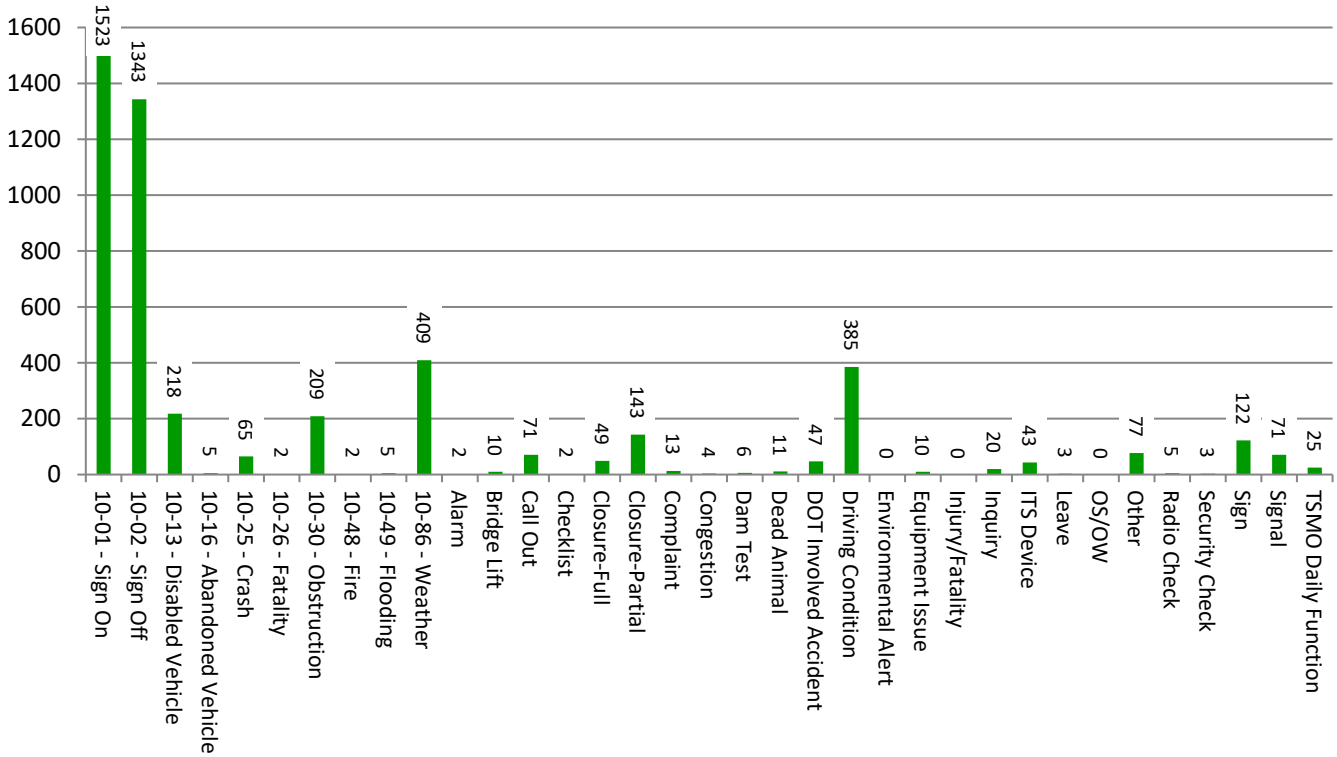
Current Month - Calls by Type

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



Log Entries by Type

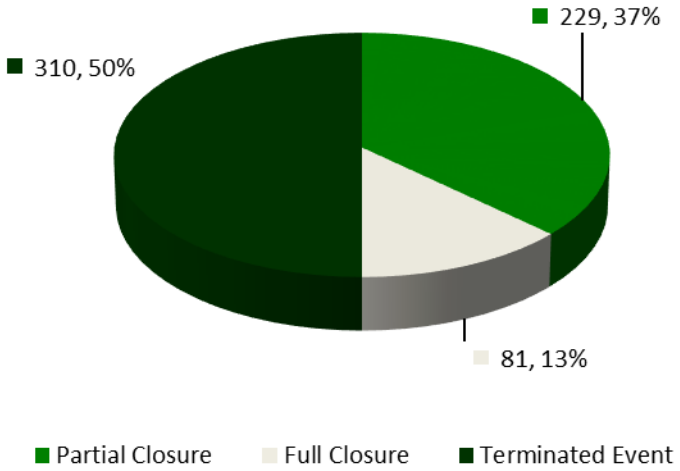
This graph shows the amount of log entries by type that TMC Operators have entered into the Compass ATMS for the current month.



Work Zone Communication

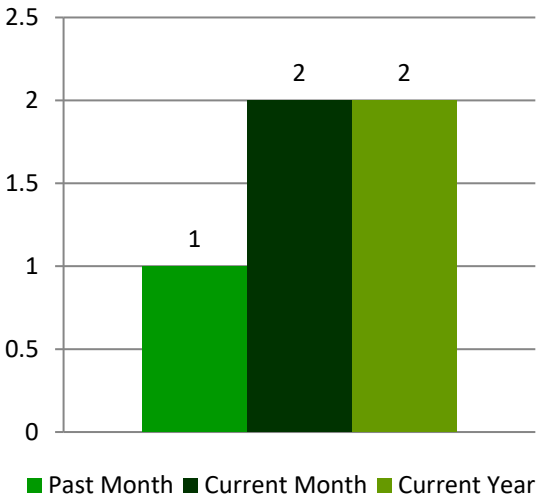
Current Month – Construction Calls

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

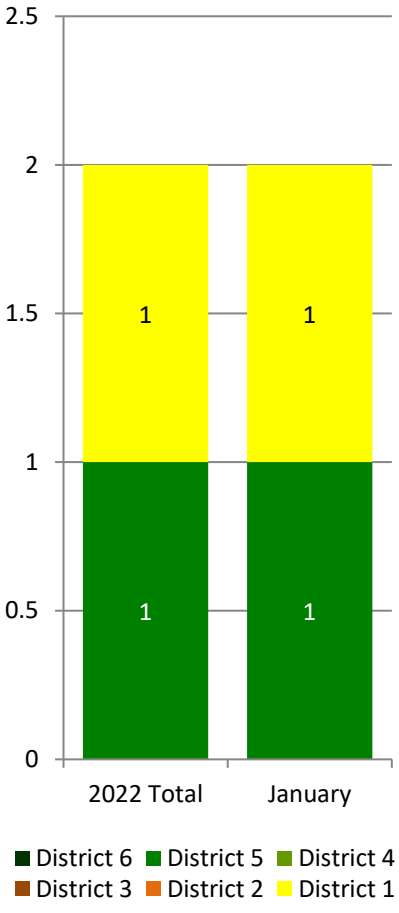


Incidents Occurring in Work Zones

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

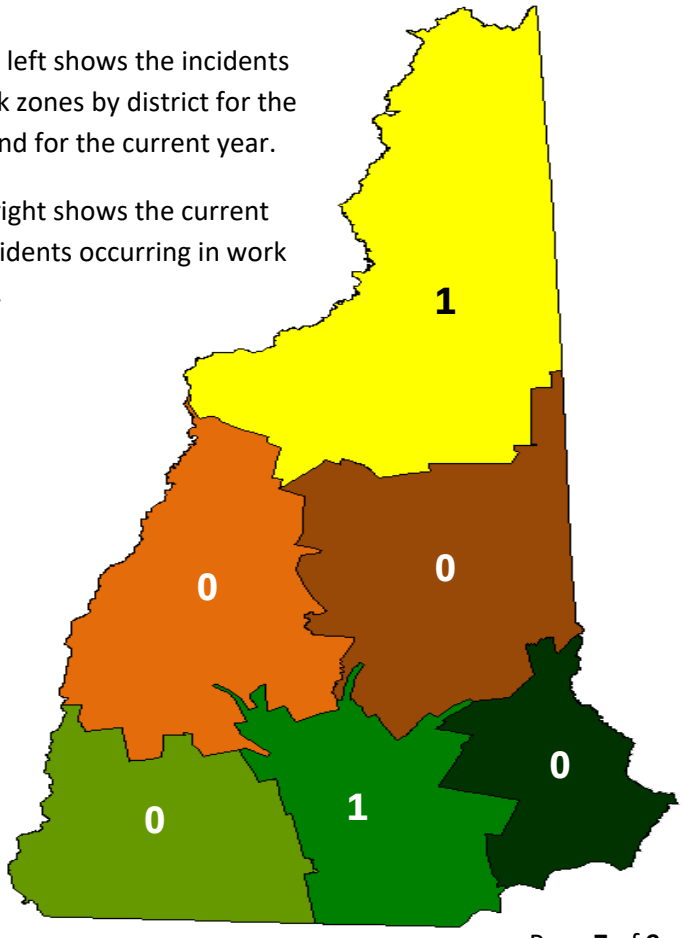


Incidents Occurring in Work Zones by Location



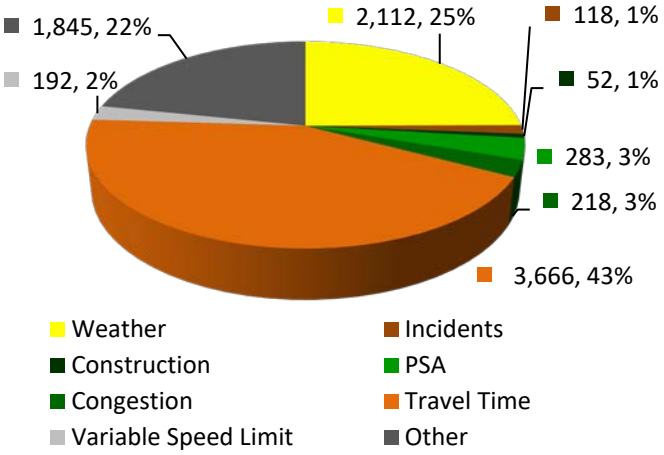
The graph to the left shows the incidents occurring in work zones by district for the current month and for the current year.

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



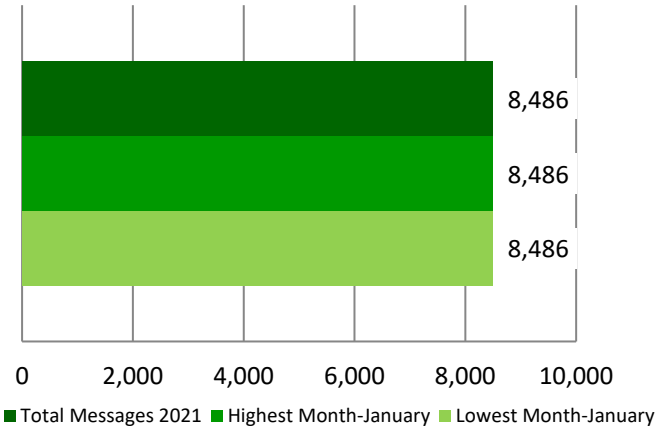
DMS Messages

Current Month - Messages by Type



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

Total Messages - 2022



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

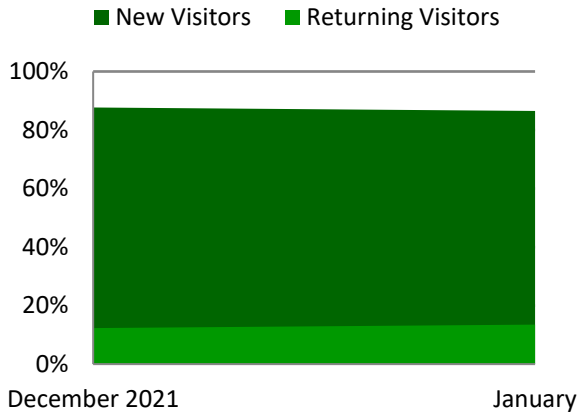
Current Month - Total Messages Posted by Board

101 E 52.8 FSV5	52	**93 NM 2.35 VSL D 5**	18	**95N 3.0 FSDT**	139
101E 102 PSP5	28	**93 NM 3.8 VSL D5**	17	**95S 15.4 FSDT**	145
101E 114.8 FSV6	143	**93 NM 6.6 VSL D5**	17	**95S 3.4 FSPT**	54
101W 102.6 FSV5	33	**93 S 2.2 VSL D 5**	14	**95S 7.6 FSDT**	141
101W 115 PSP5	27	**93 S 22.6 PSVT - SWZ - M06**	45	**FEE N 1.2 FSVT**	57
101W 128 PSV6	41	**93 S 23.3 PSVT - SWZ - M05**	101	**FEE N 16.2 PSVT**	31
16N 35.0 PSV3	39	**93 S 25.1 PSVT - SWZ - M04**	45	**FEE N 18.8 FSVT**	45
16S 75.4 FSV3	39	**93 S 25.6 PSVT - SWZ - M03**	39	**FEE N 5.2 PSVT**	49
293N 8.8 FSPT	269	**93 S 26.4 PSVT - SWZ - M02**	164	**FEE S 17.8 PSVT**	51
293S 1.4 FSD5	85	**93 S 27.4 PSVT - SWZ - M01**	118	**FEE S 3.8 FSDT**	37
293S 4.8 FSDT	58	**93 S 31.9 PSVT - SWZ - M07**	153	**ST N 1.0 FSAT**	181
393 W 1.9 PSV5	18	**93 S 5.2 VSL D5**	17	**ST N 19.2 PSVT**	42
4 W 98.9 FSS6	16	**93 S EX 9 On-Ramp - SWZ - M09**	32	**ST N 4.4 FSST**	59
4E 92.4 FSS6	22	**93 SM 2.2 VSL D 5**	14	**ST S 24.4 FSVT**	139
4E 98 FSA6	39	**93 SM 5.2 VSL D5**	16	**ST S 3.4 FSDT**	903
89 N 56.8 PSV2 - SWZ - M01	78	**93N 16.0 VSL D5**	17	**ST S 34.4 PSVT**	44
89 N 57.2 PSV2 - SWZ - M02	53	**93N 16.0 VSL D5 Median**	14	**ST S 7.8 FSAT**	789
89 N 59.8 PSV2 - SWZ - M03	60	**93N 23.4 FSD5**	393	**WA W 0.5 FSST**	24
89 S 58.7 PSV2 - SWV - M07	52	**93N 32.9 FSST**	48		
89 S VT 0.9 PSV VT - SWZ - M05	23	**93N 36.2 FSVT**	57		
89N 1.8 FSV5	177	**93N 43.8 PSP5**	33		
89N 18.4 FSS5	62	**93N 57.6 FSS3**	17		
89N 28.8 PSV2	24	**93N 76.4 FSV3**	52		
89N 35.5 FSV2	62	**93N 82.6 FSV3**	49		
89N 43.8 PSV2	50	**93N 99.6 FSA3**	50		
89N 49.0 PSV2	23	**93S 117.6 FSA1**	20		
89N 54.9 FSS2	37	**93S 122.2 FSV1**	27		
89S 10.8 FSV5	54	**93S 23.4 FSD5**	196		
89S 3.4 FSV5	430	**93S 27.8 FSDT**	248		
89S 31.4 PSP5	10	**93S 32.4 FSVT**	73		
89S 42.6 PSV2	24	**93S 36.5 FSST**	42		
89S 55.0 PSV2	52	**93S 39.0 FSV5**	89		
89S 57.7 FSS2	39	**93S 43.3 PSV5**	23		
91 N VT 69.1 PSV VT - SWZ - M06	28	**93S 48.0 FSV5**	56		
91 S VT 70.6 PSV VT - SWZ - M04	22	**93S 57.6 PSP5**	27		
93 N 0.5 FSDT	158	**93S 68.8 FSV3**	47		
93 N 2.35 VSL D 5	14	**93S 7.2 FSD5**	191		
93 N 3.8 VSL D5	17	**93S 85.4 FSV3**	47		
93 N 6.6 VSL D5	17	**95N 0.4 FSVT**	142		
93 N 7.5 FSD5	162	**95N 13.0 FSVT**	49		
93 N EX 9 On-Ramp - SWZ - M08	31	**95N 14.8 FSDT**	71		

Public Outreach

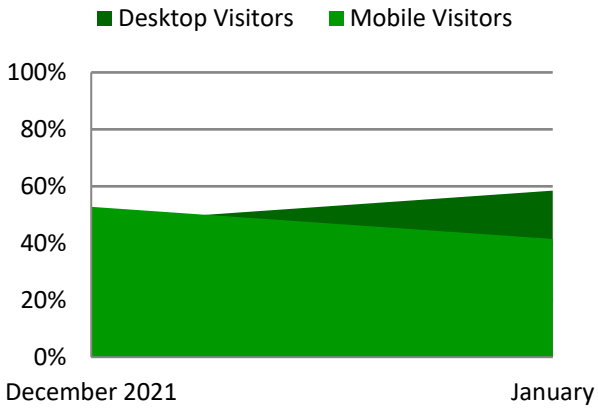
1,561 Users (Current Month) - NHTMC Website (www.nhtmc.com)

New/Returning 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.

Desktop/Mobile Visitors



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

Spaulding | I-293 | I-95 | I-89 | Everett | I-93 | NH 101 | NH/US Routes

42,507 Total Twitter Followers