

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

NH Department of Transportation's Mission

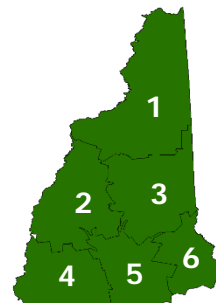
Transportation excellence enhancing the quality of life in New Hampshire.

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	144

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Dynamic Message Signs (DMS)

	2021 Total	2022 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)

	2021 Total	2022 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.	37	38

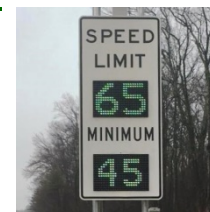
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Variable Speed Limit Sign (VSL)

	2021 Total	2022 Total
VSL are speed limits that change based on road, traffic, and weather conditions.	23	21

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Motor Vehicle Detection System (MVDS)

	2021 Total	2022 Total
MVDS are sensors that collect speed and volume data.	39	39

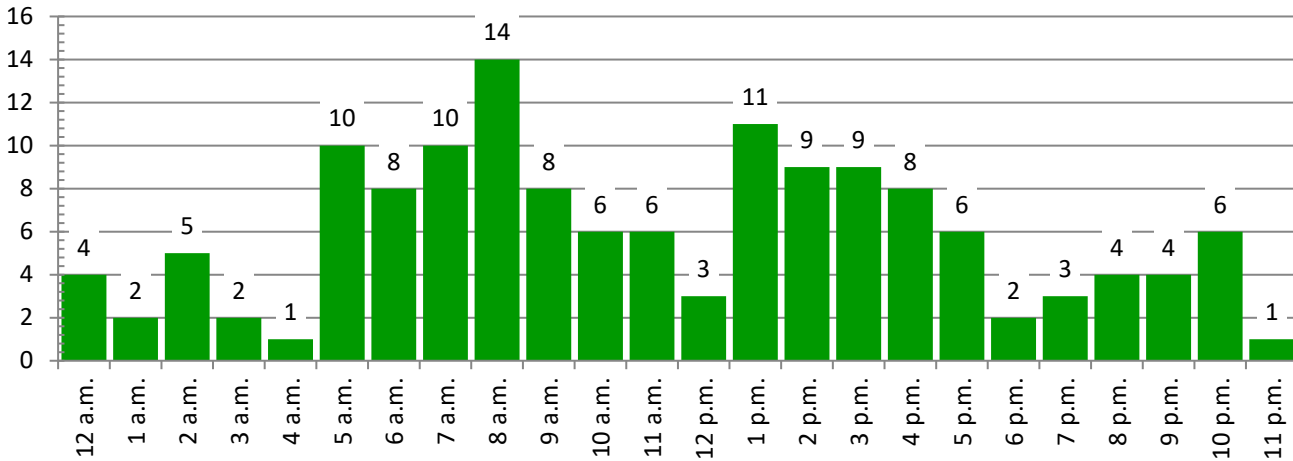
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Summary

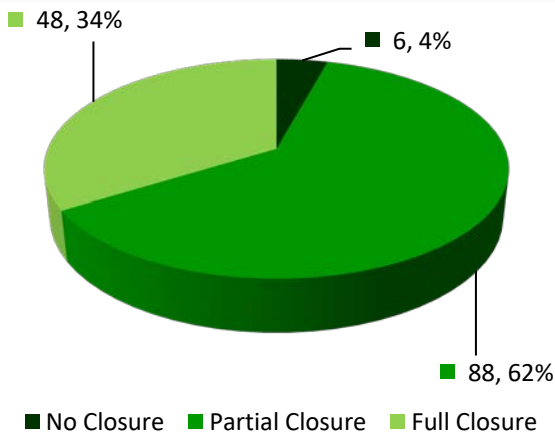
	Current Month	2022 Total
Unplanned Incidents	Total Unplanned Incidents	
Operators log information about each unplanned incident including date/time, location, traffic impact, and duration.	142	584
Planned Incidents	Total Planned Incidents	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	353	653
Communication	Total Calls	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	3,877	15,823
Work Zones Communication	Total Construction Calls	
Construction related activities or communication that's outside of planned incidents.	1,634	3,992
DMS Messages	Total Messages	
All changes to DMS are logged and reviewed.	11,783	41,405
Public Outreach	Total NHTMC.com Webpage Users	
Operators use Twitter and nhtmc.com to inform motorists about traffic events and other road related information.	933	5,035
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	7

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:

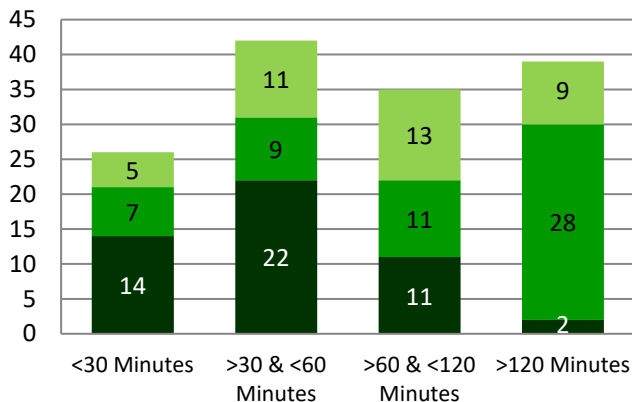
No Closure: No lane closures occurred during the incident.

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

Full Closure: All lanes were closed during the incident.

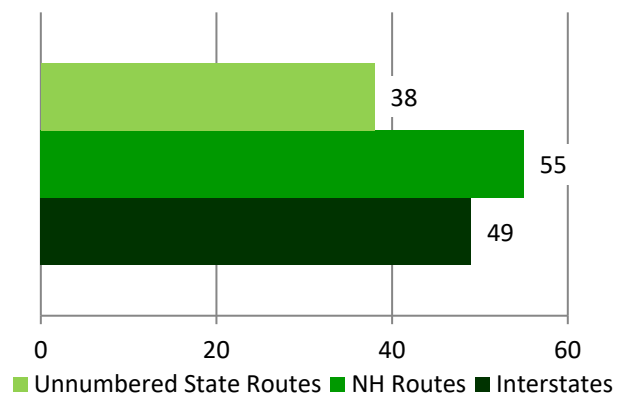
Current Month - Incident Duration

This graph shows the duration history of incidents.

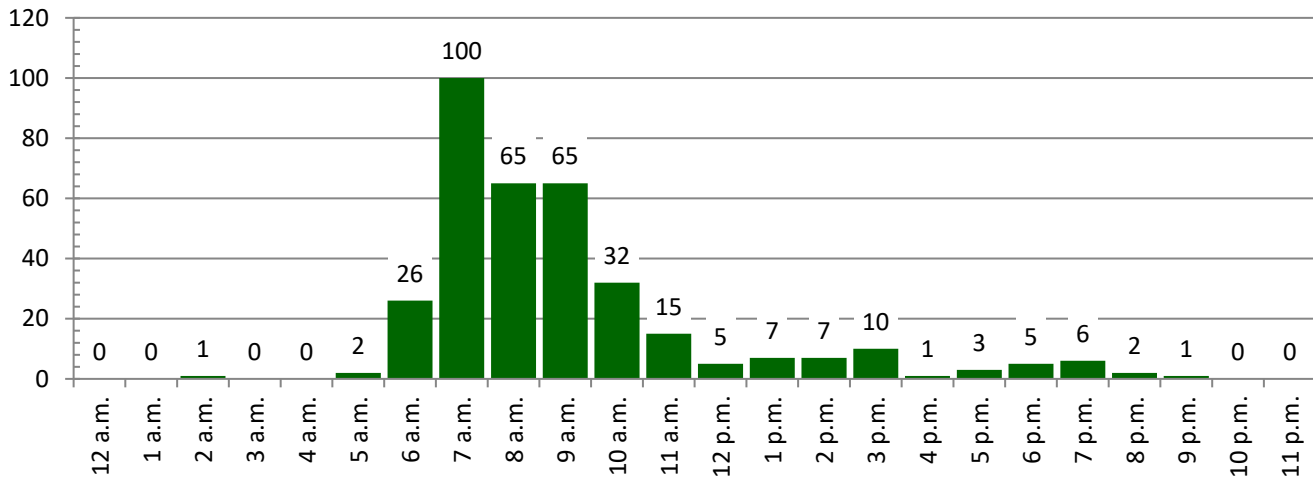


Current Month - Incident by Road

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

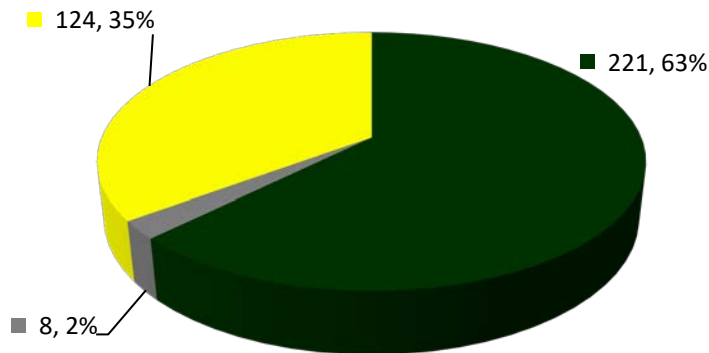


Planned Events



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



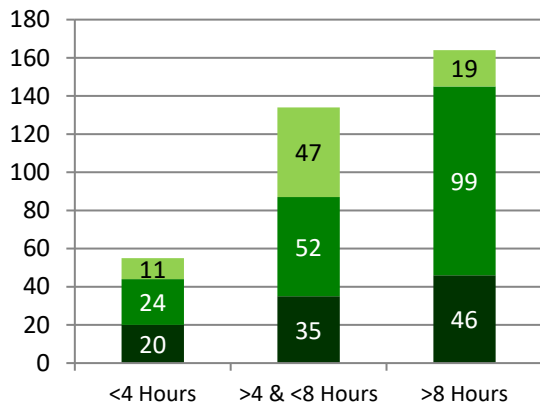
This graph shows the type of incident totals for the month.

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

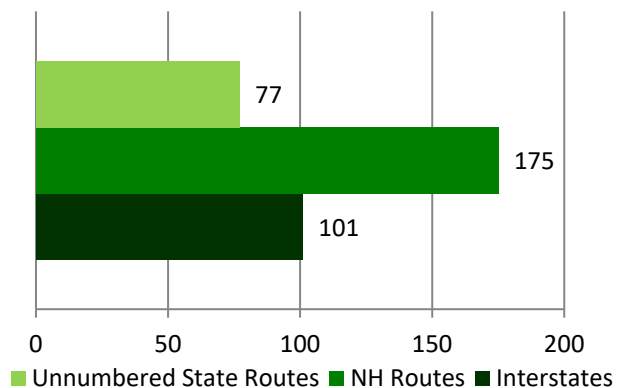
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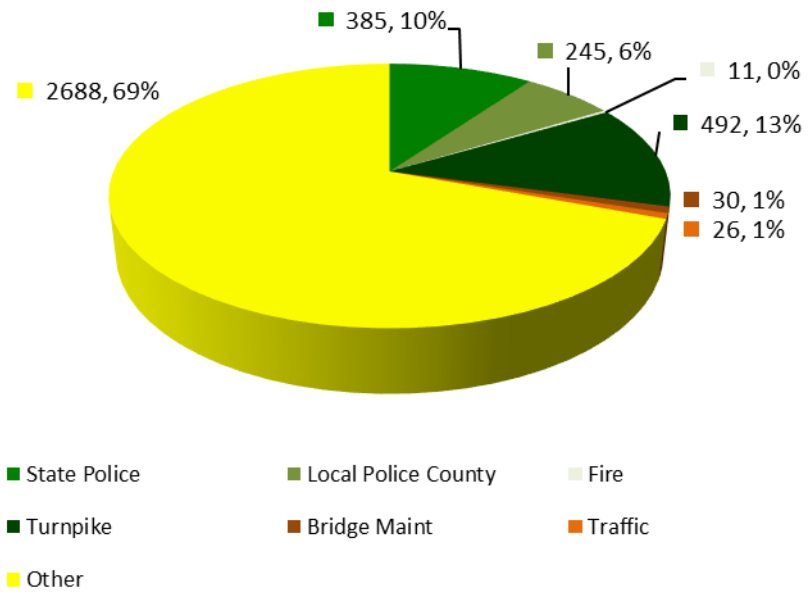
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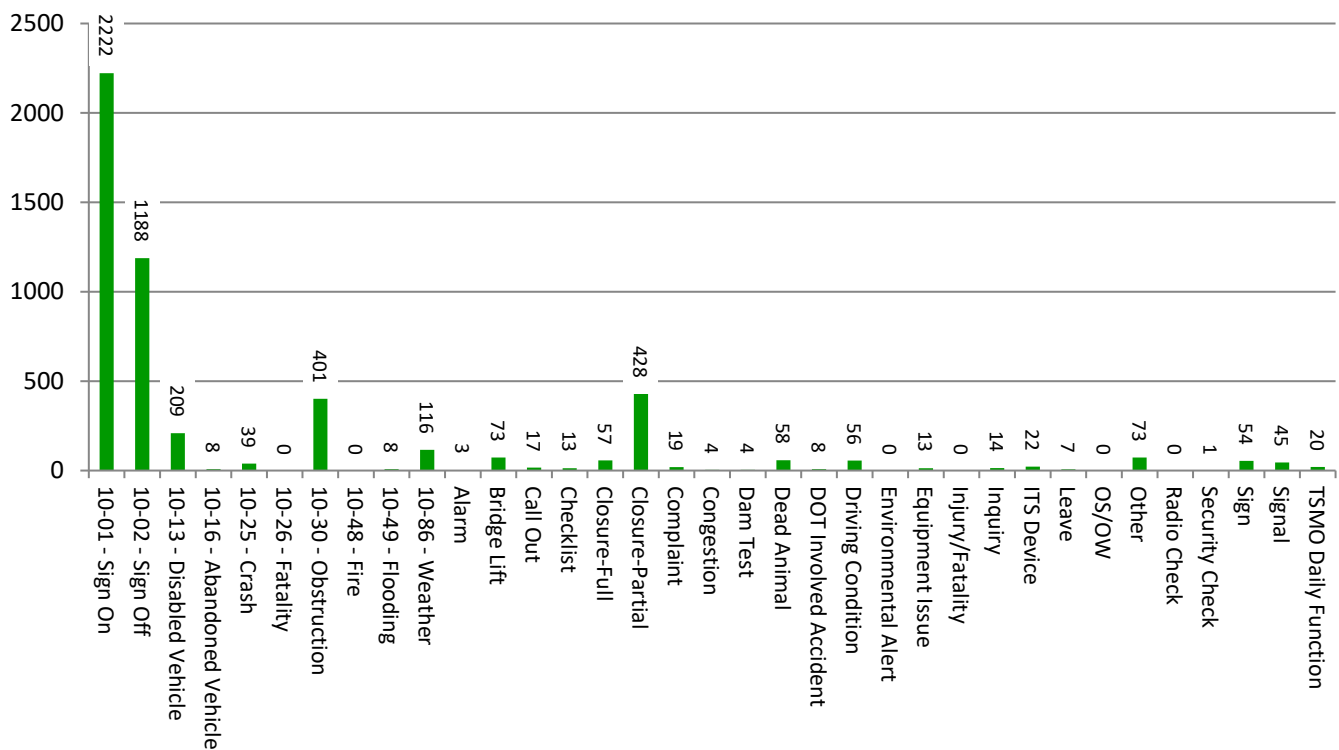
Current Month - Calls by Type

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



Log Entries by Type

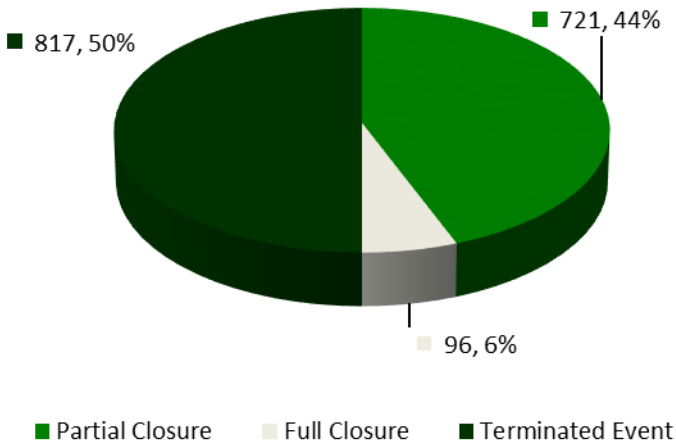
This graph shows the amount of log entries by type that TMC Operators have entered into the Compass ATMS for the current month.



Work Zone Communication

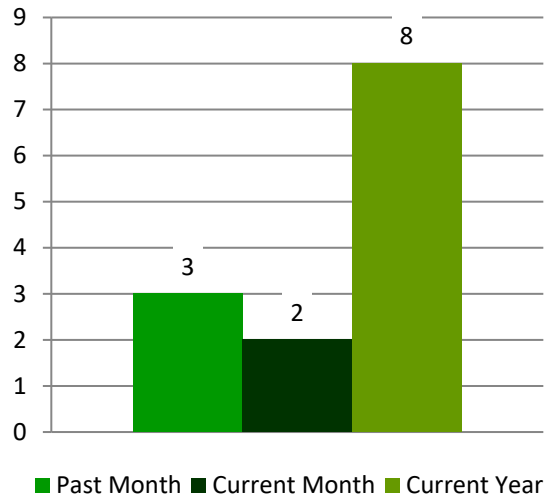
Current Month – Construction Calls

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

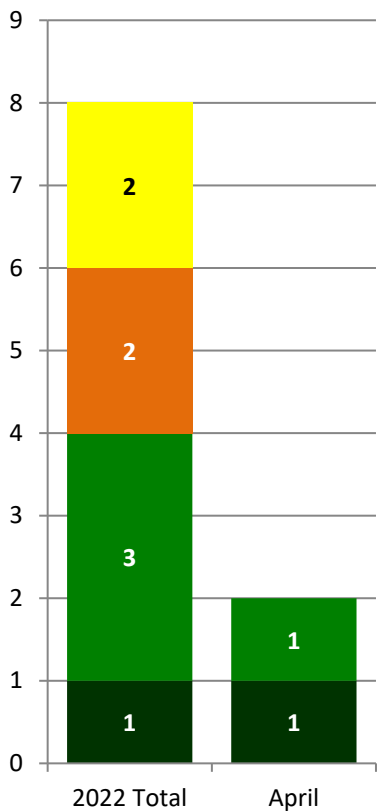


Incidents Occurring in Work Zones

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

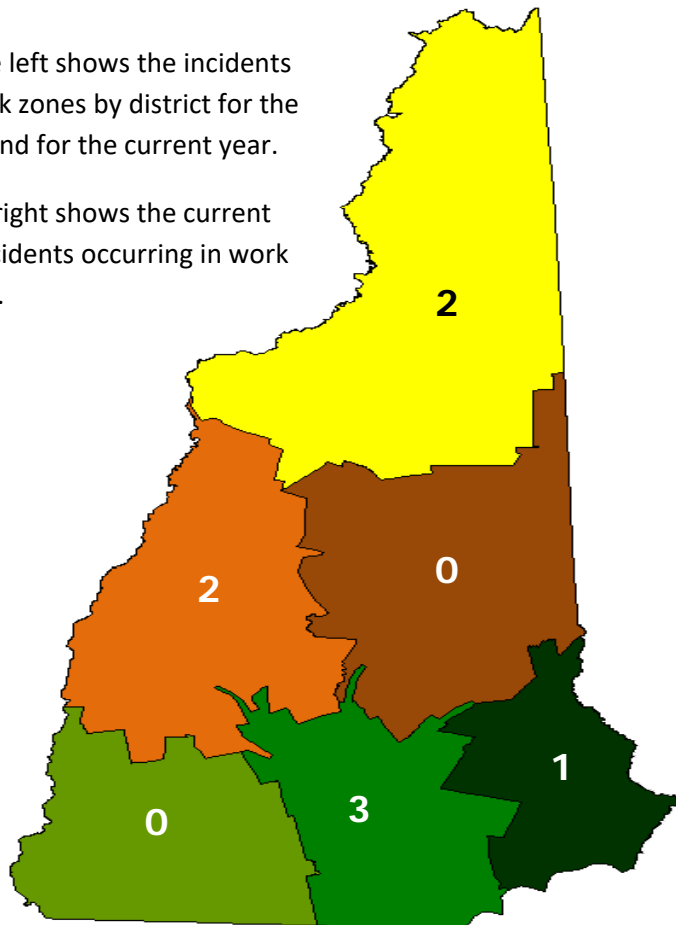


Incidents Occurring in Work Zones by Location



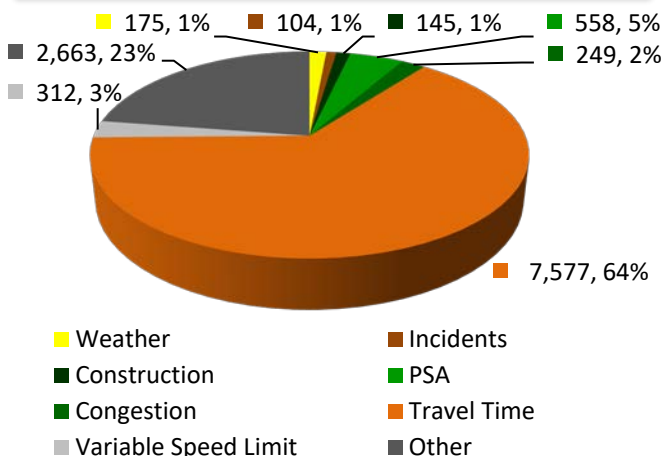
The graph to the left shows the incidents occurring in work zones by district for the current month and for the current year.

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

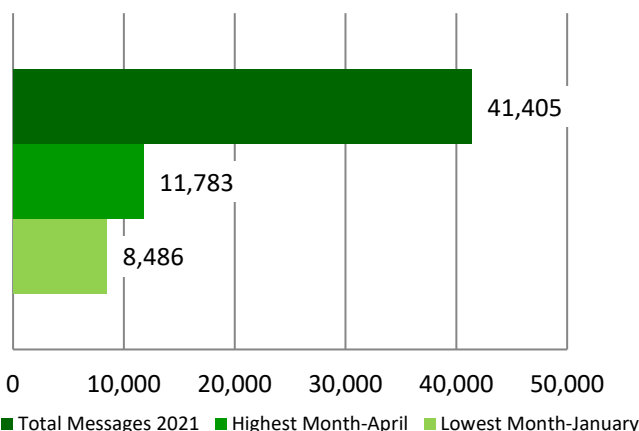


DMS Messages

Current Month - Messages by Type



Total Messages - 2022



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.

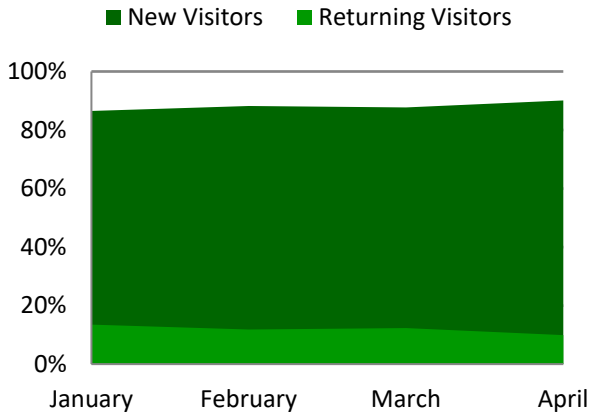
Current Month - Total Messages Posted by Board

101 E 52.8 FSV5	24	93 NM 2.35 VSL D 5	12	93S 7.2 FSD5	138
101E 102 PSP5	1	93 NM 3.8 VSL D5	14	93S 85.4 FSV3	28
101E 114.8 FSV6	208	93 NM 6.6 VSL D5	12	95N 0.4 FSVT	135
101W 102.6 FSV5	9	93 S 10.7 VSL SE 5	17	95N 13.0 FSVT	40
101W 115 PSP5	1	93 S 17.8 VSL SE 5	46	95N 14.8 FSDT	19
101W 128 PSV6	29	93 S 2.2 VSL D 5	12	95N 3.0 FSDT	129
293 S 4.7 PSWC - SWZ - M02	13	93 S 22.6 PSVT - SWZ - M06	16	95S 15.4 FSDT	158
293 S 5.2 PSWC - SWZ - M01	15	93 S 23.3 PSVT - SWZ - M05	42	95S 3.4 FSPT	17
293N 8.8 FSPT	326	93 S 25.1 PSVT - SWZ - M04	7	95S 7.6 FSDT	130
293S 1.4 FSD5	34	93 S 25.6 PSVT - SWZ - M03	4	FEE N 1.2 FSVT	22
293S 4.8 FSDT	22	93 S 26.4 PSVT - SWZ - M02	24	FEE N 16.2 PSVT	3
393 W 1.9 PSV5	7	93 S 27.4 PSVT - SWZ - M01	24	FEE N 5.2 PSVT	9
4 W 98.9 FSS6	5	93 S 31.9 PSVT - SWZ - M07	59	FEE S 17.8 PSVT	9
4E 92.4 FSS6	9	93 S 5.2 VSL D5	12	FEE S 3.8 FSDT	21
4E 98 FSA6	16	93 SM 10.7 VSL SE 5	5	FEE S 8.6 FSPT	14
89 N 56.8 PSV2 - SWZ - M01	28	93 SM 17.8 VSL SE 5	7	ST N 1.0 FSAT	271
89 N 57.2 PSV2 - SWZ - M02	15	93 SM 2.2 VSL D 5	12	ST N 16.2 PSVT - SWZ - M06	297
89 N 59.8 PSV2 - SWZ - M03	16	93 SM 5.2 VSL D5	12	ST N 16.7 PSVT - SWZ - M05	301
89 S 58.7 PSV2 - SWV - M07	4	93N 16.0 VSL D5	13	ST N 19.2 PSVT	12
89 S VT 0.9 PSV VT - SWZ - M05	14	93N 16.0 VSL D5 Median	13	ST N 4.3 PSVT - SWZ - M01	310
89N 1.8 FSV5	16	93N 23.4 FSD5	373	ST N 4.4 FSST	20
89N 18.4 FSS5	28	93N 32.9 FSST	22	ST N 5.0 PSVT - SWZ - M02	154
89N 35.5 FSV2	18	93N 36.2 FSVT	34	ST S 18.25 PSVT - SWZ - M07	56
89N 43.8 PSV2	2	93N 43.8 PSP5	15	ST S 19.25 PSVT - SWZ - M08	59
89N 49.0 PSV2	1	93N 57.6 FSS3	26	ST S 24.4 FSVT	223
89N 54.9 FSS2	9	93N 76.4 FSV3	37	ST S 3.4 FSDT	2,650
89S 10.8 FSV5	16	93N 82.6 FSV3	20	ST S 34.4 PSVT	12
89S 3.4 FSV5	300	93N 99.6 FSA3	22	ST S 6.6 PSVT - SWZ - M03	711
89S 31.4 PSP5	2	93S 117.6 FSA1	11	ST S 6.9 PSVT - SWZ - M04	65
89S 42.6 PSV2	1	93S 122.2 FSV1	8	ST S 7.8 FSAT	2,308
89S 55.0 PSV2	6	93S 14.4 VSL D5	15	WA W 0.5 FSST	6
89S 57.7 FSS2	27	93S 14.4 VSL D5 Median	17		
91 N VT 69.1 PSV VT - SWZ - M06	11	93S 23.4 FSD5	198		
91 S VT 70.6 PSV VT - SWZ - M04	11	93S 27.8 FSDT	551		
93 N 0.5 FSDT	141	93S 32.4 FSVT	20		
93 N 12.4 VSL SE 5	49	93S 36.5 FSST	10		
93 N 2.35 VSL D 5	12	93S 39.0 FSV5	32		
93 N 3.8 VSL D5	15	93S 43.3 PSV5	7		
93 N 6.6 VSL D5	12	93S 48.0 FSV5	48		
93 N 7.5 FSD5	125	93S 57.6 PSP5	3		
93 NM 12.4 VSL SE 5	5	93S 68.8 FSV3	21		

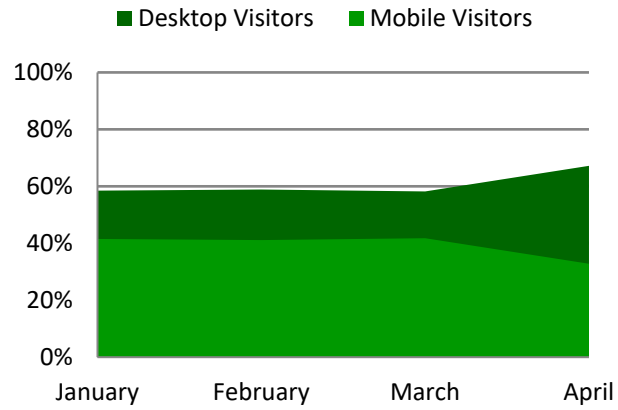
Public Outreach

933 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.



43,068 Total Twitter Followers

