

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

NH Department of Transportation's Mission

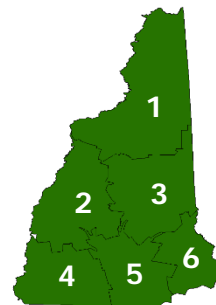
Transportation excellence enhancing the quality of life in New Hampshire.

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

	2022 Total	2023 Total
CCTV cameras are used to pinpoint and monitor traffic events so that information can be disseminated quickly and accurately.	144	146

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Dynamic Message Signs (DMS)

	2022 Total	2023 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)

	2022 Total	2023 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

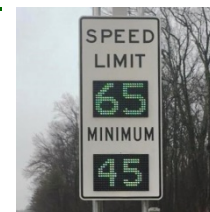
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Variable Speed Limit Sign (VSL)

	2022 Total	2023 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)

	2022 Total	2023 Total
MVDS are sensors that collect speed and volume data.	39	39

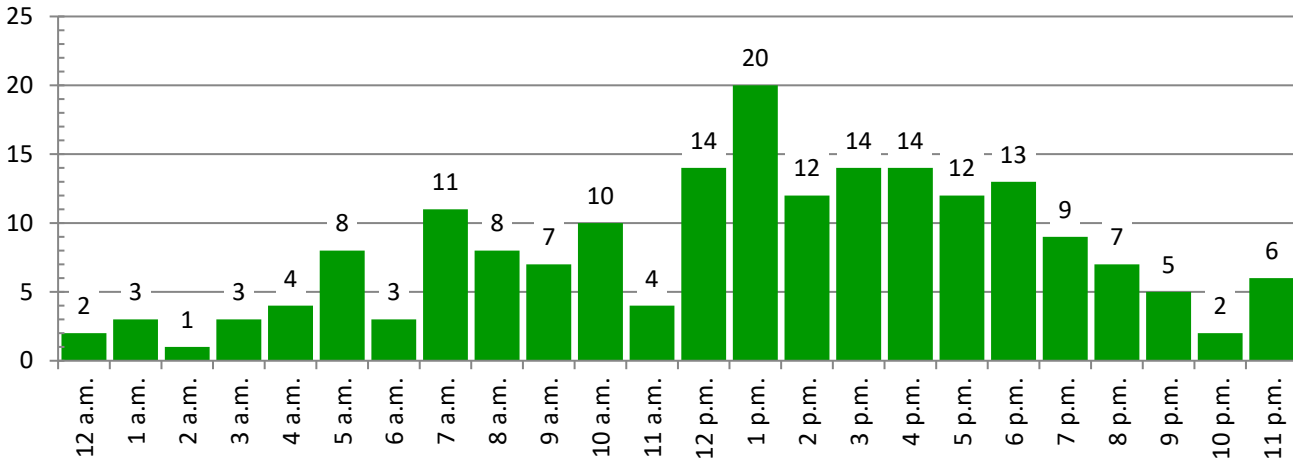
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Summary

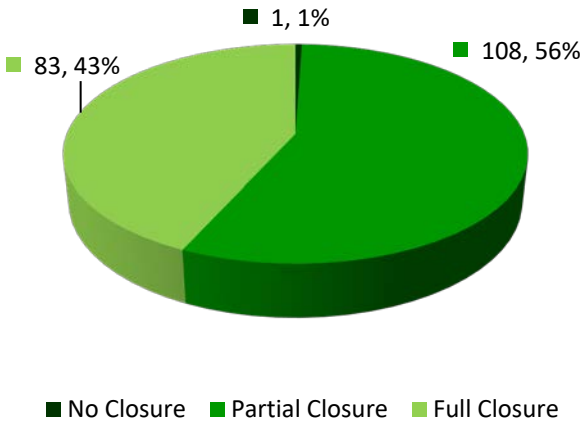
	Current Month	2023 Total
Unplanned Incidents	Total Unplanned Incidents	
Operators log information about each unplanned incident including date/time, location, traffic impact, and duration.	192	1,049
Planned Incidents	Total Planned Incidents	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	484	2,170
Communication	Total Calls	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	5,916	31,914
Work Zones Communication	Total Construction Calls	
Construction related activities or communication that is outside of planned incidents.	2,558	11,476
DMS Messages	Total Messages	
All changes to DMS are logged and reviewed.	33,480	178,168
Public Outreach	Total NHTMC.com Webpage Users	
Operators use Twitter and nhtmc.com to inform motorists about traffic events and other road related information.	2,625	9,639
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.	3	6

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



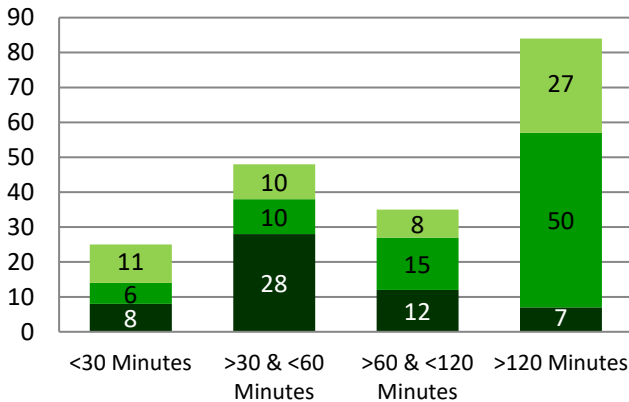
This graph shows the type of incident totals for the month.

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.

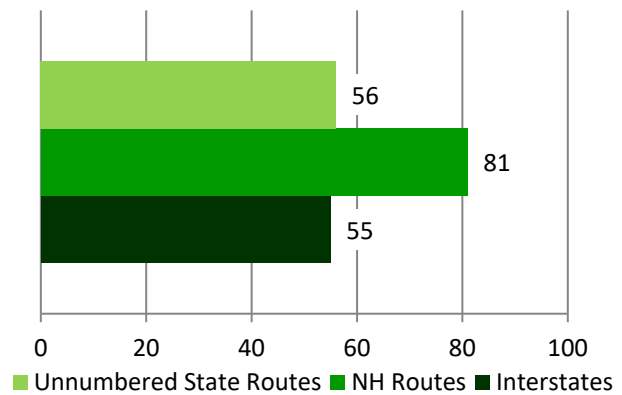
Current Month - Incident Duration

This graph shows the duration history of incidents.

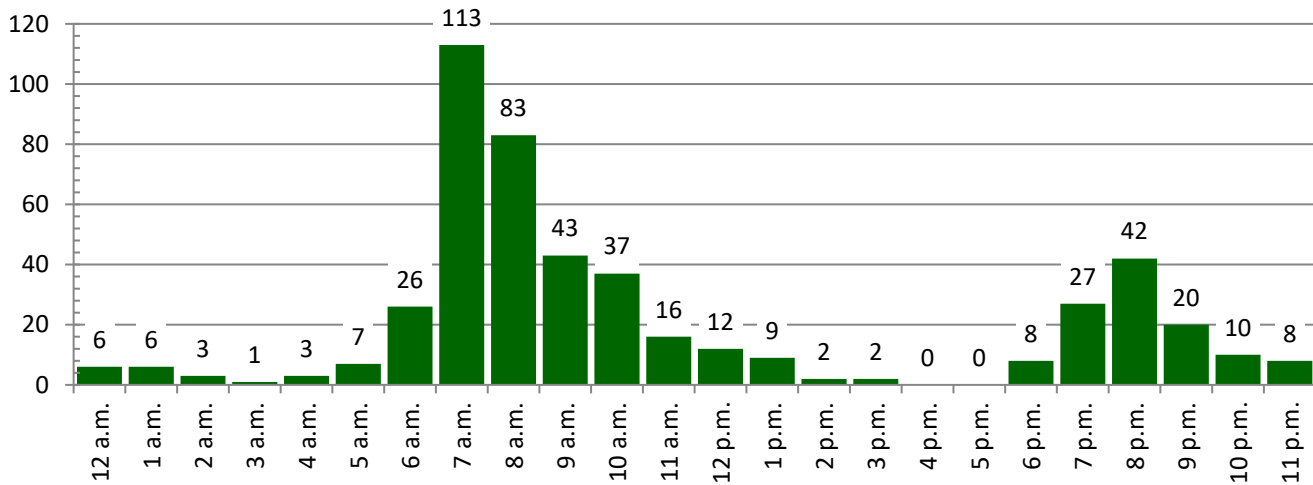


Current Month - Incident by Road

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

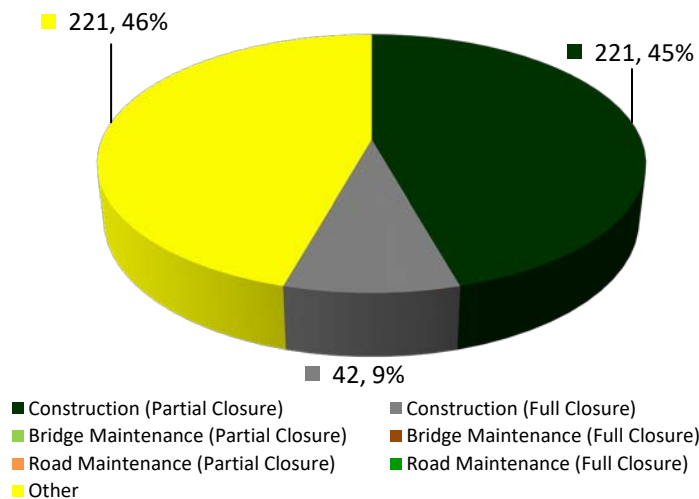


Planned Events



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

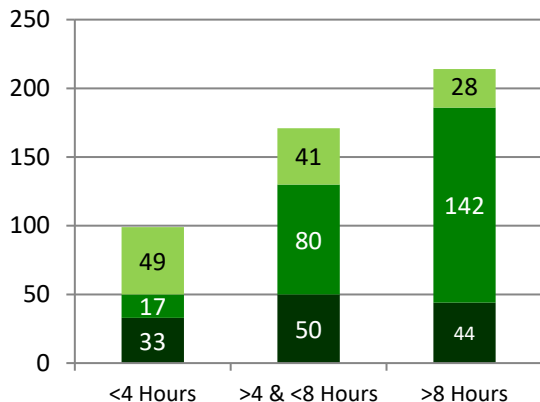


This graph shows the type of incident totals for the month.

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.

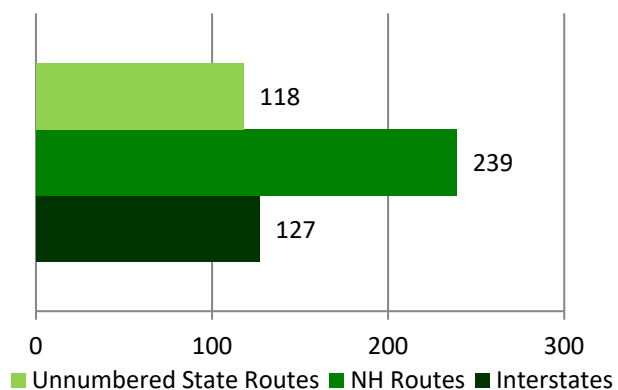
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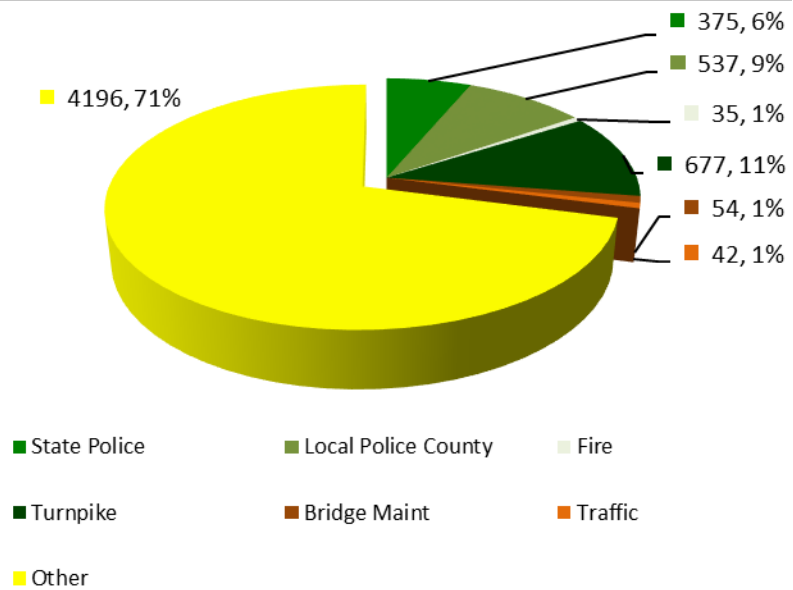
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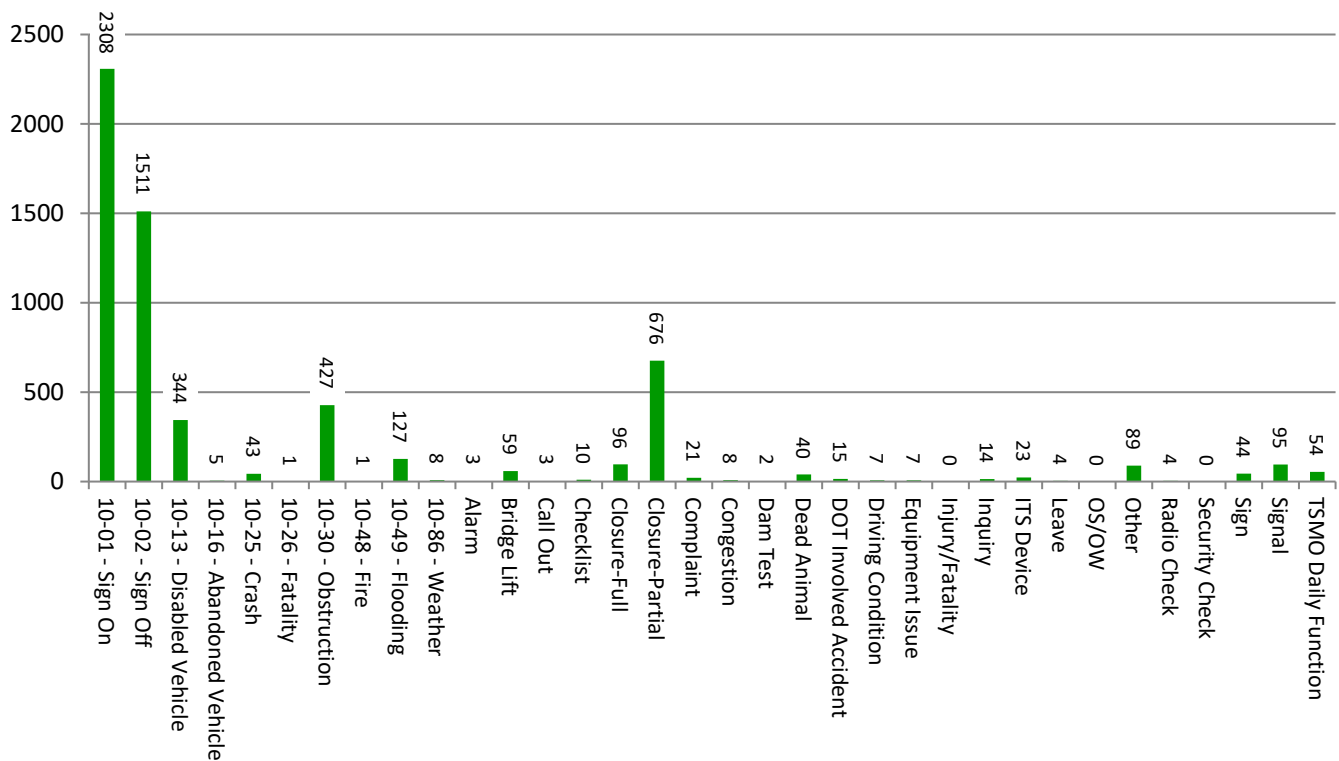
Current Month - Calls by Type

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



Log Entries by Type

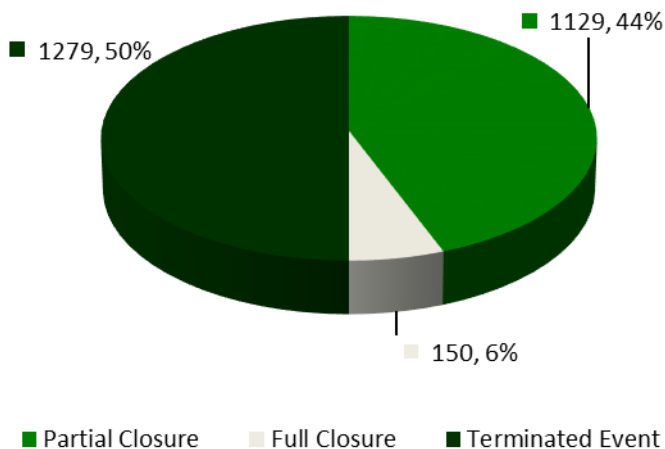
This graph shows the amount of log entries by type that TMC Operators have input into the Compass ATMS for the current month.



Work Zone Communication

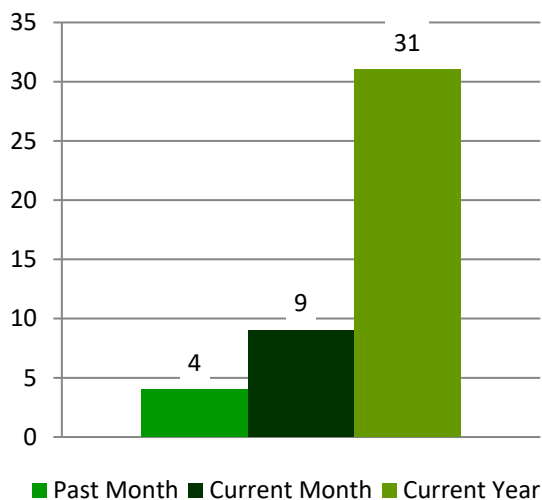
Current Month – Construction Calls

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

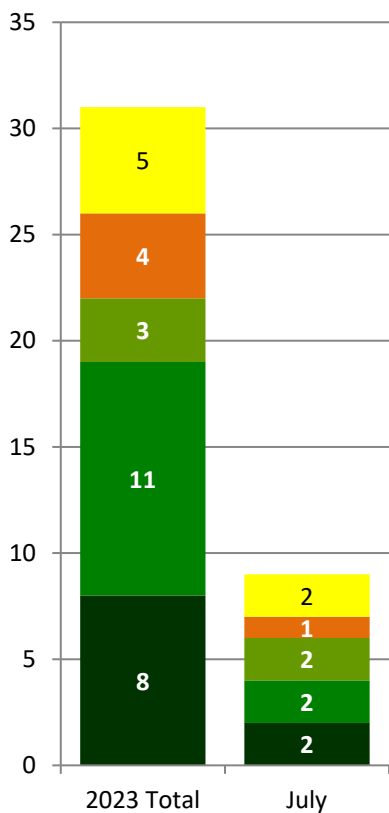


Incidents Occurring in Work Zones

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

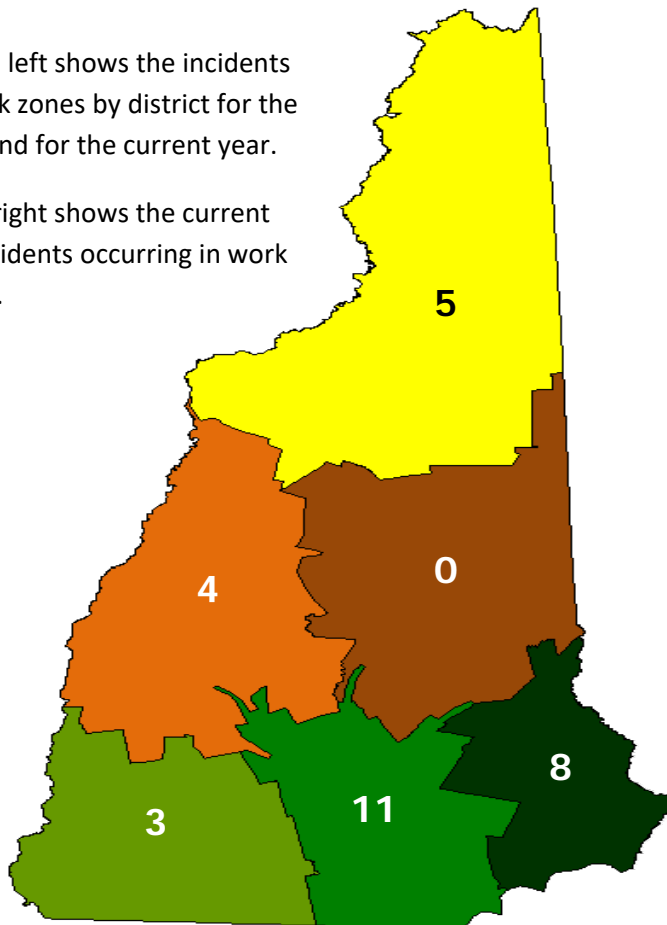


Incidents Occurring in Work Zones by Location



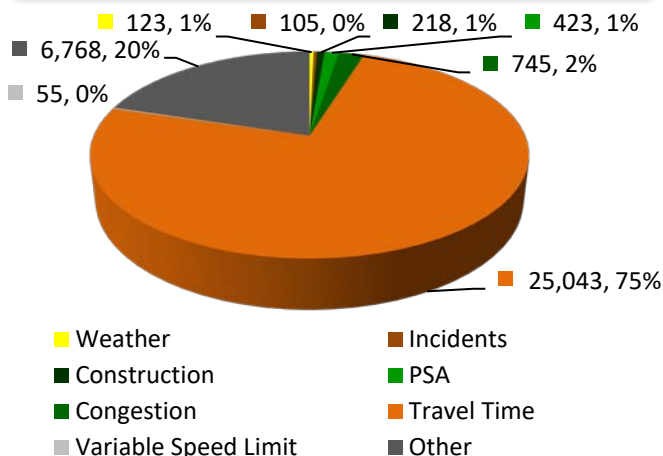
The graph to the left shows the incidents occurring in work zones by district for the current month and for the current year.

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



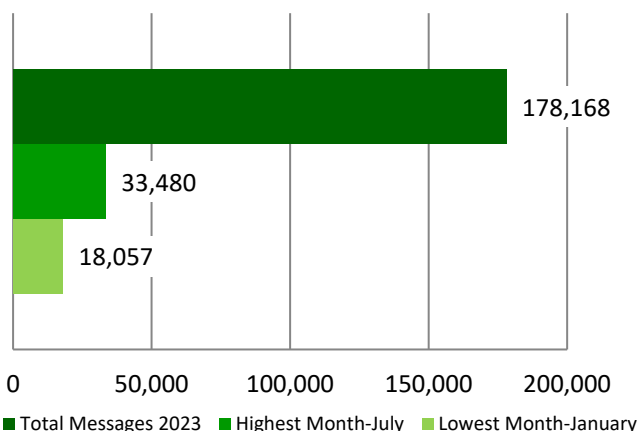
DMS Messages

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 - 2023



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

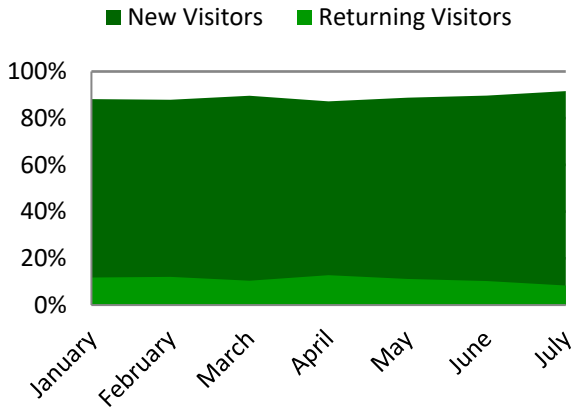
Current Month - Total Messages Posted by Board

101 E 52.8 FSV5	34	93 N 2.35 VSL D 5	3	95S 7.2 PSVT	16
101 E 53 PSWC - SWZ - M04	15	93 N 3.8 VSL D5	1	95S 7.6 FSDT	520
101 W 54.3 PSWC - SWZ - M03	99	93 N 6.6 VSL D5	3	FEE N 1.2 FSVT	43
101E 114.8 FSV6	369	93 N 7.5 FSD5	378	FEE N 14.0 PSVT - SWZ - M-02	36
101W 102.6 FSV5	8	93 NM 2.35 VSL D 5	7	FEE N 15.2 PSWC - SWZ - M07	165
101W 128 PSV6	9	93 NM 3.8 VSL D5	4	FEE N 17.5 PSWC - SWZ - M06	56
293 S 4.7 PSWC - SWZ - M02	79	93 NM 6.6 VSL D5	3	FEE N 17.8 FSVT	25
293 S 5.2 PSWC - SWZ - M01	78	93 S 2.2 VSL D 5	3	FEE N 18.0 PSWC - SWZ - M05	164
293N 8.8 FSPT	1,801	93 S 30.4 PSVT	27	FEE N 9.0 PSVT - SWZ - M-03	2
293S 1.4 FSD5	42	93 S 5.2 VSL D5	4	FEE S 17.5 FSVT - SWZ - M-01	5
293S 4.8 FSDT	41	93 SM 17.8 VSL SE 5	1	FEE S 17.8 PSVT	3
393 W 1.9 PSV5	19	93 SM 2.2 VSL D 5	3	FEE S 3.8 FSDT	28
4 W 98.9 FSS6	27	93 SM 5.2 VSL D5	3	FEE S 8.6 FSPT	6
4E 92.4 FSS6	12	93N 16.0 VSL D5	3	RW W 0.7 PSVT - SWZ - M-04	4
4E 98 FSA6	27	93N 16.0 VSL D5 Median	4	ST N 1.0 FSAT	11
89 N 23.2 PSV2 - SWZ - M01	340	93N 23.4 FSD5	1,666	ST N 16.2 PSVT - SWZ - M06	9
89 N 23.7 PSV2 - SWZ - M02	345	93N 26.9 PSVT	51	ST N 16.7 PSVT - SWZ - M05	113
89 N 26.4 PSV2 - SWZ - M03	320	93N 36.2 FSVT	61	ST N 4.3 PSVT - SWZ - M01	601
89 N 28.4 PSV2 - SWZ - M08	32	93N 76.4 FSV3	8	ST N 4.4 FSST	15
89 N 30.2 PSV2 - SWZ - M04	29	93N 82.6 FSV3	11	ST N 5.0 PSVT - SWZ - M02	775
89 N 56.8 PSV2 - SWZ - M01	10	93N 99.6 FSA3	36	ST S 18.25 PSVT - SWZ - M07	195
89 N 57.2 PSV2 - SWZ - M02	48	93S 122.2 FSV1	10	ST S 19.25 PSVT - SWZ - M08	6
89 N 57.3 FSS 2	6	93S 14.4 VSL D5	5	ST S 24.4 FSVT	439
89 N 59.8 PSV2 - SWZ - M03	58	93S 14.4 VSL D5 Median	8	ST S 3.4 FSDT	5,643
89 S 28.0 PSV2 - SWZ - M07	12	93S 23.4 FSD5	548	ST S 6.6 PSVT - SWZ - M03	2,232
89 S 31.0 PSV2 - SWZ - M09	17	93S 27.8 FSDT	2,968	ST S 6.9 PSVT - SWZ - M04	174
89 S 31.9 PSV2 - SWZ - M06	65	93S 32.4 FSVT	25	ST S 7.8 FSAT	3,762
89 S 32.5 PSV2 - SWZ - M05	68	93S 36.5 FSST	24	WA W 0.5 FSST	14
89 S 58.7 PSV2 - SWV - M07	5	93S 39.0 FSV5	52		
89 S VT 0.9 PSV VT - SWZ - M05	103	93S 43.3 PSV5	23		
89N 1.8 FSV5	239	93S 48.0 FSV5	34		
89N 18.4 FSS5	31	93S 68.8 FSV3	39		
89N 35.5 FSV2	4	93S 7.2 FSD5	132		
89N 54.9 FSS2	12	93S 85.4 FSV3	35		
89S 10.8 FSV5	456	95N 0.4 FSVT	37		
89S 3.4 FSV5	4,637	95N 13.0 FSVT	21		
89S 55.0 PSV2	4	95N 14.8 FSDT	61		
89S 57.7 FSS2	31	95N 3.0 FSDT	854		
91 N VT 69.1 PSV VT - SWZ - M06	201	95N 4.8 PSVT	17		
91 S VT 70.6 PSV VT - SWZ - M04	266	95S 15.4 FSDT	1,023		
93 N 0.5 FSDT	203	95S 3.4 FSPT	20		

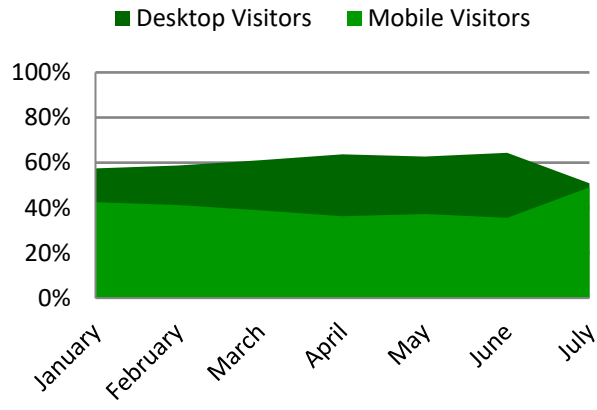
Public Outreach

2,625 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.



44,438 Total Twitter Followers

