

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

NH Department of Transportation's Mission

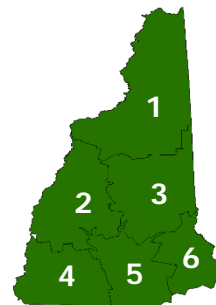
Transportation excellence enhancing the quality of life in New Hampshire.

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

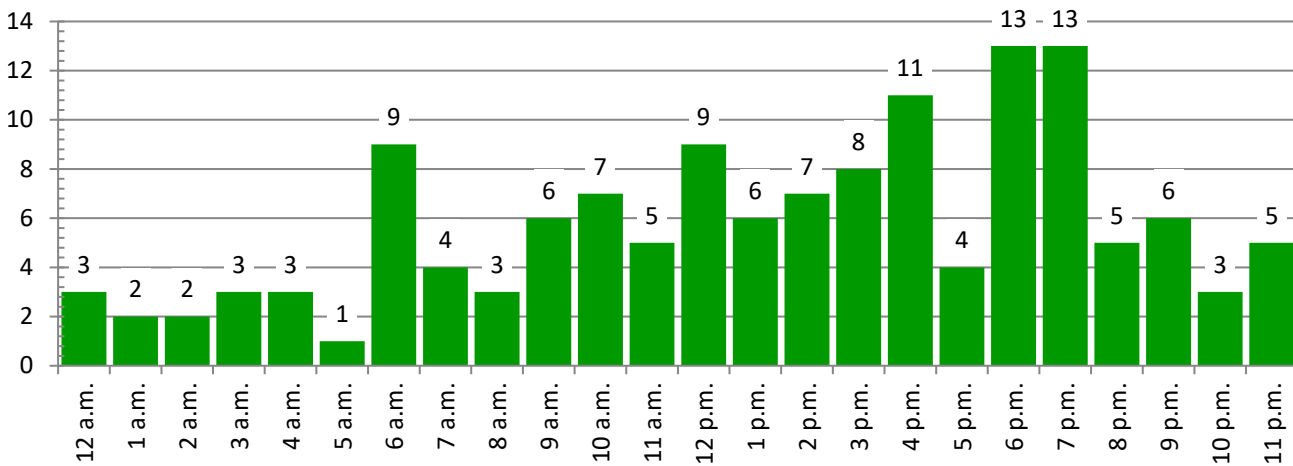
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Summary

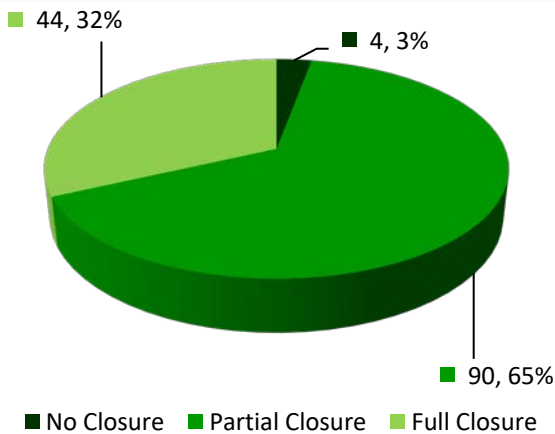
	Current Month	2022 Total
Unplanned Incidents		
	Total Unplanned Incidents	
Operators log information about each unplanned incident including date/time, location, traffic impact, and duration.	138	722
Planned Incidents		
	Total Planned Incidents	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	542	1,195
Communication		
	Total Calls	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	4,420	20,243
Work Zones Communication		
	Total Construction Calls	
Construction related activities or communication that's outside of planned incidents.	2,396	6,388
DMS Messages		
	Total Messages	
All changes to DMS are logged and reviewed.	16,900	58,305
Public Outreach		
	Total NHTMC.com Webpage Users	
Operators use Twitter and nhtmc.com to inform motorists about traffic events and other road related information.	835	5,870
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



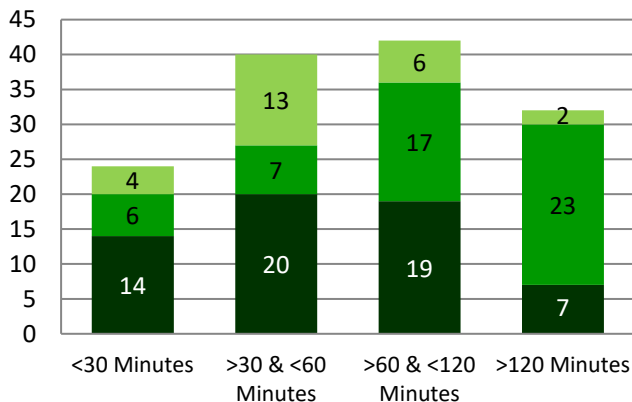
This graph shows the type of incident totals for the month.

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.

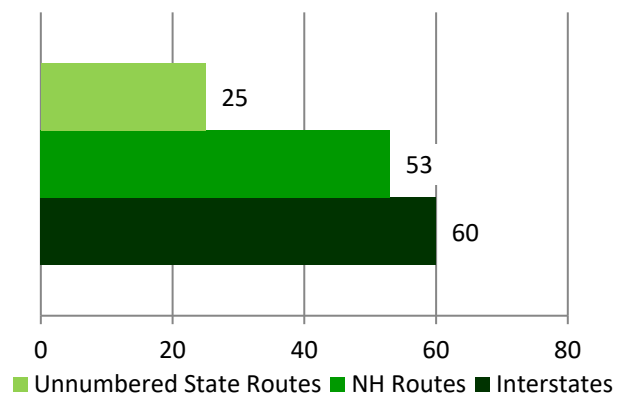
Current Month - Incident Duration

This graph shows the duration history of incidents.

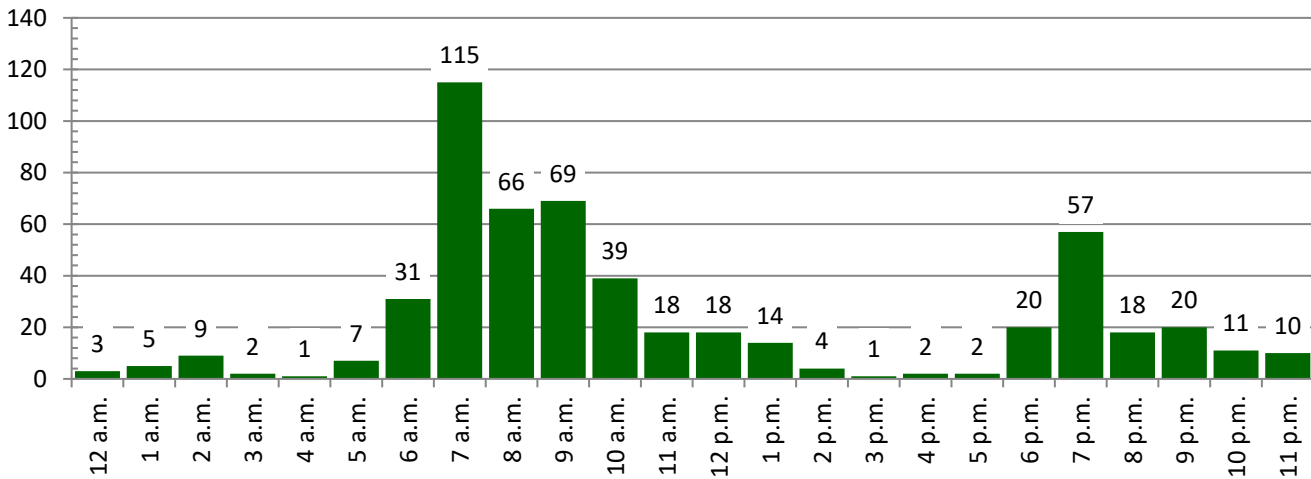


Current Month - Incident by Road

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

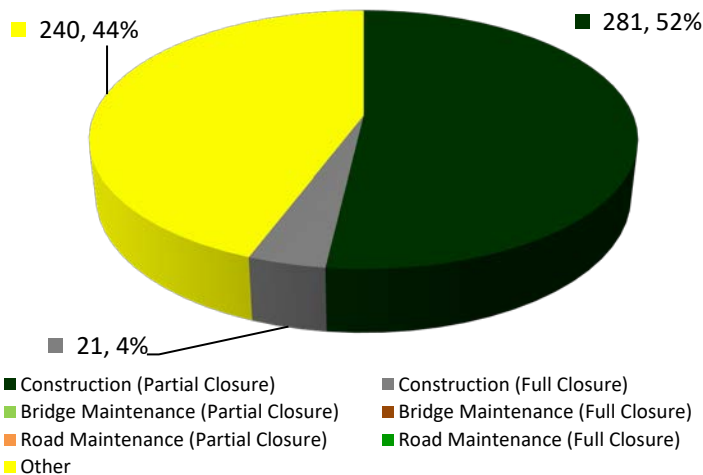


Planned Events



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

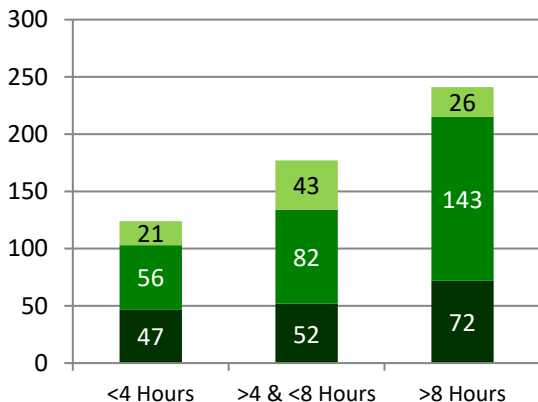


This graph shows the type of incident totals for the month.

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.

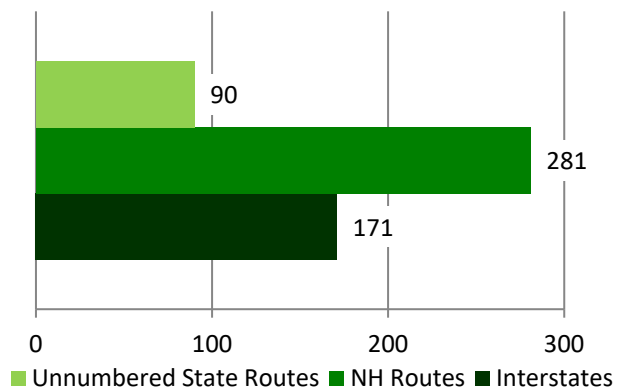
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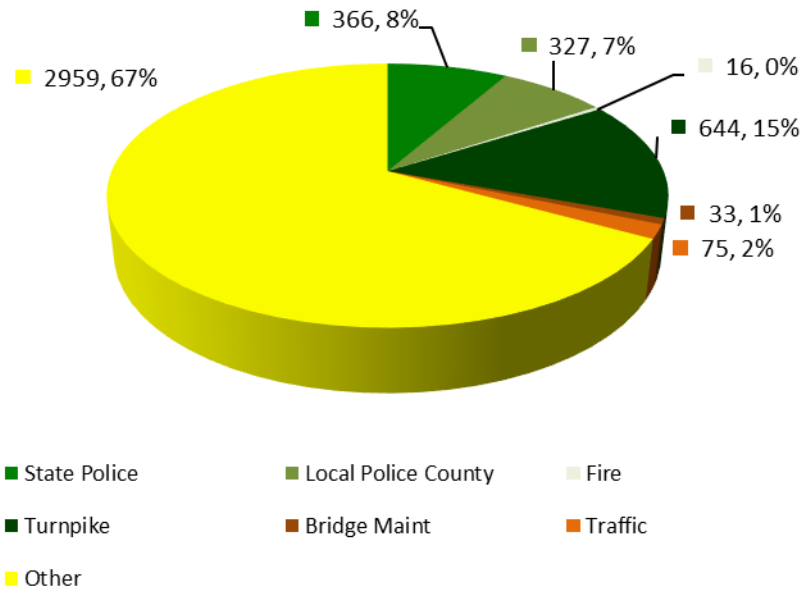
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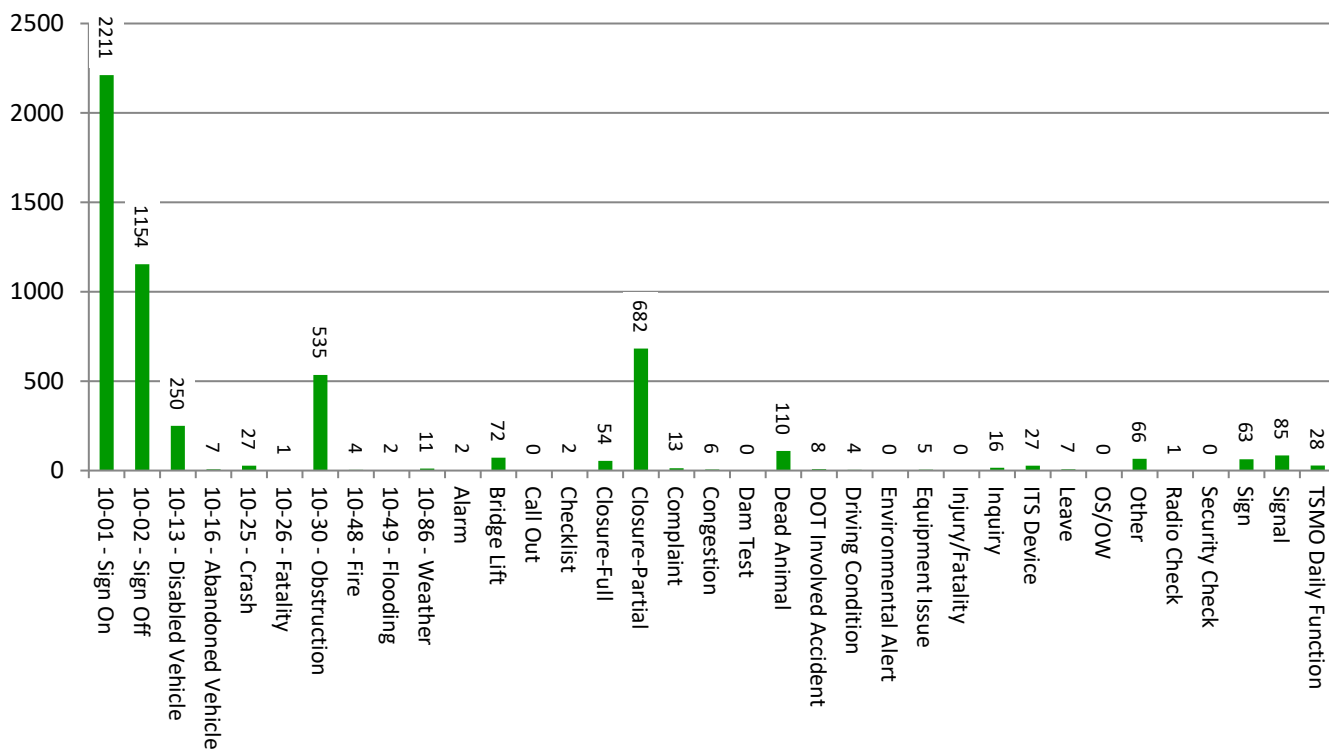
Current Month - Calls by Type

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



Log Entries by Type

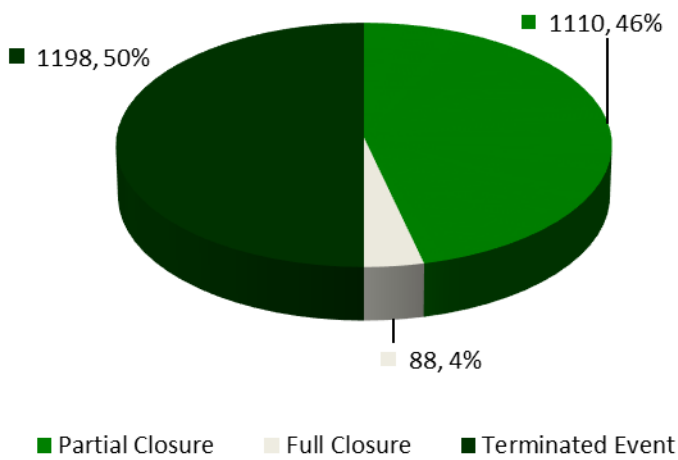
This graph shows the amount of log entries by type that TMC Operators have entered into the Compass ATMS for the current month.



Work Zone Communication

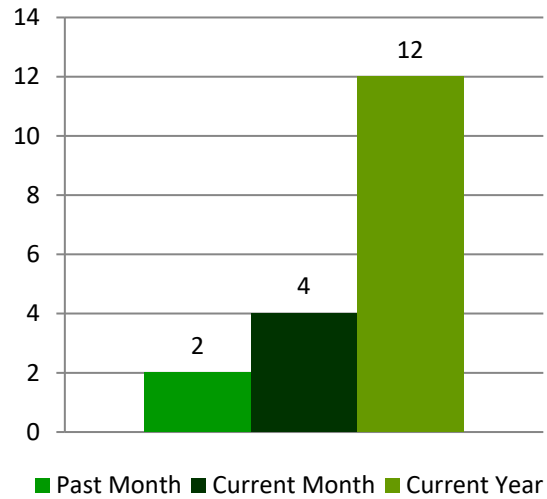
Current Month – Construction Calls

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

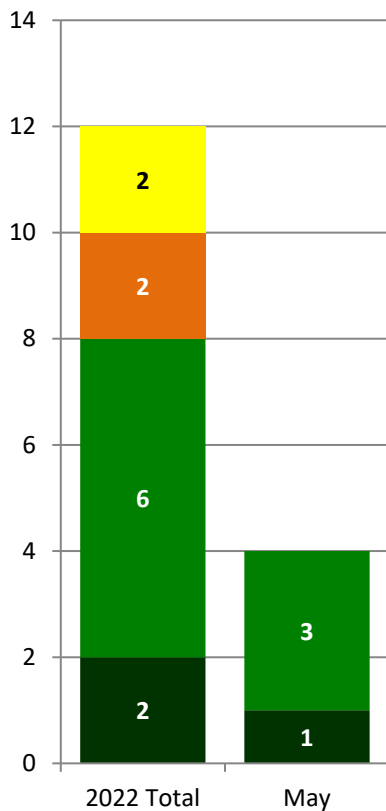


Incidents Occurring in Work Zones

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

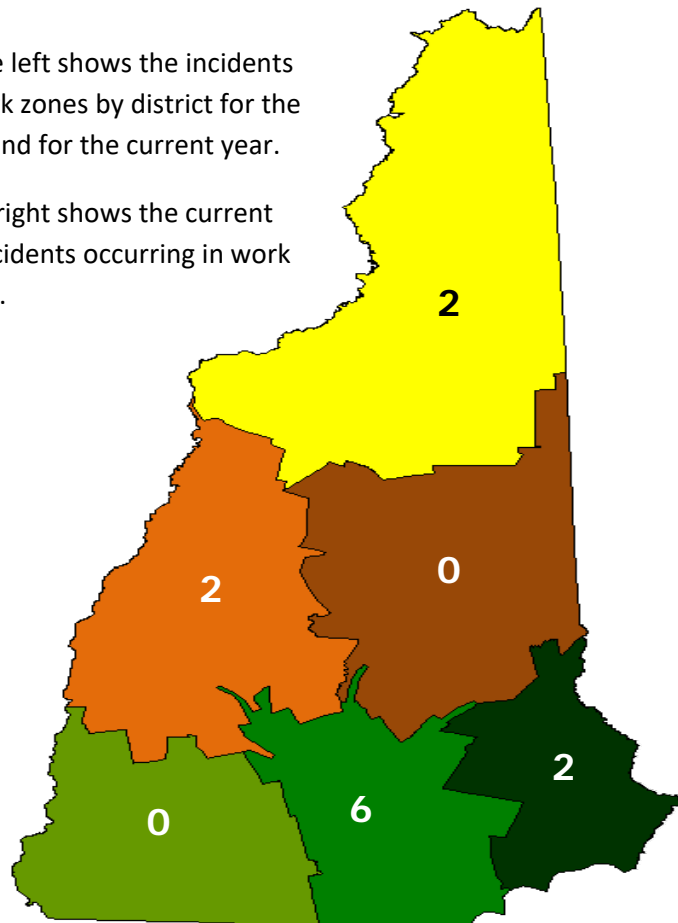


Incidents Occurring in Work Zones by Location



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

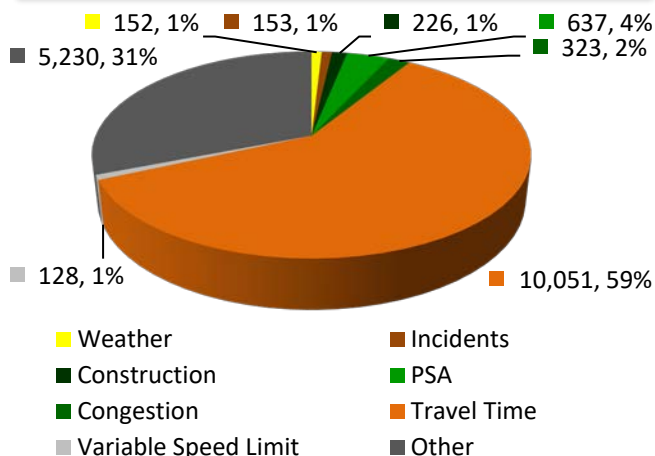
The map to the right shows the current year total for incidents occurring in work zones by district.



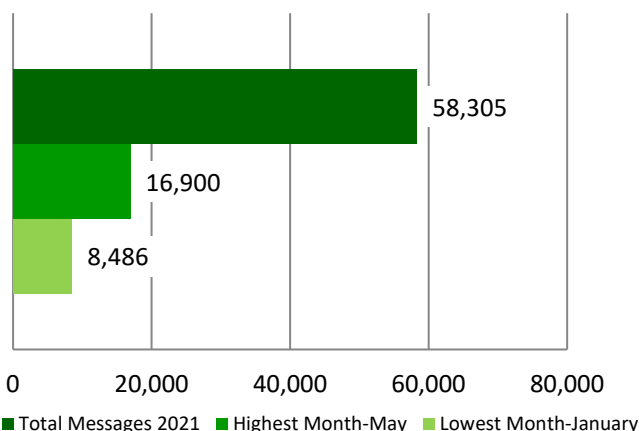
■ District 6
 ■ District 5
 ■ District 4
■ District 3
 ■ District 2
 ■ District 1

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.

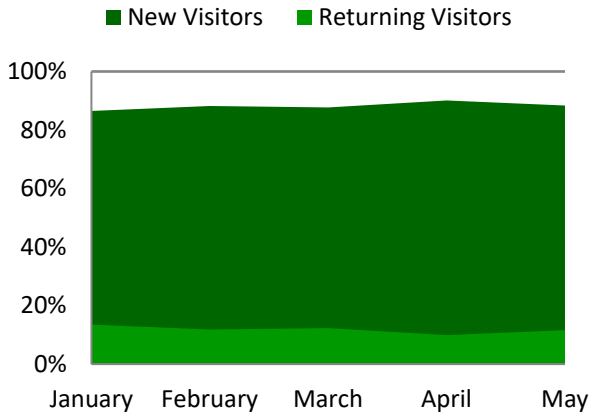
Current Month - Total Messages Posted by Board

101 E 52.8 FSV5	19	93 NM 3.8 VSL D5	6	95N 0.4 FSVT	370
101 E 53 PSWC - SWZ - M04	20	93 NM 6.6 VSL D5	6	95N 13.0 FSVT	67
101 W 54.3 PSWC - SWZ - M03	254	93 S 17.8 VSL SE 5	21	95N 14.8 FSDT	48
101E 114.8 FSV6	252	93 S 2.2 VSL D 5	5	95N 3.0 FSDT	276
101W 102.6 FSV5	4	93 S 22.6 PSVT - SWZ - M06	28	95N 4.8 PSVT	10
101W 128 PSV6	30	93 S 23.3 PSVT - SWZ - M05	27	95S 15.4 FSDT	480
293 S 4.7 PSWC - SWZ - M02	45	93 S 25.1 PSVT - SWZ - M04	32	95S 3.4 FSPT	39
293 S 5.2 PSWC - SWZ - M01	46	93 S 25.6 PSVT - SWZ - M03	4	95S 7.2 PSVT	6
293N 8.8 FSPT	529	93 S 26.4 PSVT - SWZ - M02	8	95S 7.6 FSDT	270
293S 1.4 FSD5	41	93 S 27.4 PSVT - SWZ - M01	10	FEE N 1.2 FSVT	34
293S 4.8 FSDT	35	93 S 31.9 PSVT - SWZ - M07	47	FEE N 15.2 PSWC - SWZ - M07	136
393 W 1.9 PSV5	10	93 S 5.2 VSL D5	5	FEE N 17.5 PSWC - SWZ - M06	127
4 W 98.9 FSS6	4	93 SM 10.7 VSL SE 5	7	FEE N 17.8 FSVT	11
4E 92.4 FSS6	11	93 SM 17.8 VSL SE 5	22	FEE N 18.0 PSWC - SWZ - M05	126
4E 98 FSA6	25	93 SM 2.2 VSL D 5	5	FEE S 3.8 FSDT	22
89 N 23.2 PSV2 - SWZ - M01	118	93 SM 5.2 VSL D5	6	FEE S 8.6 FSPT	11
89 N 23.7 PSV2 - SWZ - M02	179	93N 16.0 VSL D5	5	ST N 1.0 FSAT	181
89 N 26.4 PSV2 - SWZ - M03	56	93N 16.0 VSL D5 Median	7	ST N 16.2 PSVT - SWZ - M06	164
89 N 28.4 PSV2 - SWZ - M08	16	93N 23.4 FSD5	530	ST N 16.7 PSVT - SWZ - M05	164
89 N 56.8 PSV2 - SWZ - M01	106	93N 32.9 FSST	29	ST N 4.3 PSVT - SWZ - M01	343
89 N 57.2 PSV2 - SWZ - M02	27	93N 36.2 FSVT	43	ST N 4.4 FSST	27
89 N 59.8 PSV2 - SWZ - M03	34	93N 43.8 PSP5	19	ST N 5.0 PSVT - SWZ - M02	171
89 S 28.0 PSV2 - SWZ - M07	6	93N 57.6 FSS3	23	ST S 18.25 PSVT - SWZ - M07	20
89 S 58.7 PSV2 - SWV - M07	7	93N 76.4 FSV3	38	ST S 19.25 PSVT - SWZ - M08	18
89 S VT 0.9 PSV VT - SWZ - M05	3	93N 82.6 FSV3	25	ST S 24.4 FSVT	348
89N 1.8 FSV5	166	93N 99.6 FSA3	43	ST S 3.4 FSDT	3,165
89N 18.4 FSS5	32	93S 117.6 FSA1	19	ST S 6.6 PSVT - SWZ - M03	1,975
89N 35.5 FSV2	32	93S 122.2 FSV1	6	ST S 6.9 PSVT - SWZ - M04	284
89N 54.9 FSS2	14	93S 14.4 VSL D5	8	ST S 7.8 FSAT	2,488
89S 10.8 FSV5	173	93S 14.4 VSL D5 Median	5	WA W 0.5 FSST	14
89S 3.4 FSV5	603	93S 23.4 FSD5	296		
89S 55.0 PSV2	10	93S 27.8 FSDT	525		
89S 57.7 FSS2	54	93S 32.4 FSVT	12		
91 N VT 69.1 PSV VT - SWZ - M06	3	93S 36.5 FSST	26		
91 S VT 70.6 PSV VT - SWZ - M04	3	93S 39.0 FSV5	50		
93 N 0.5 FSDT	169	93S 43.3 PSV5	19		
93 N 2.35 VSL D 5	5	93S 48.0 FSV5	28		
93 N 3.8 VSL D5	5	93S 54.8 PSP5	11		
93 N 6.6 VSL D5	5	93S 68.8 FSV3	23		
93 N 7.5 FSD5	177	93S 7.2 FSD5	119		
93 NM 2.35 VSL D 5	5	93S 85.4 FSV3	24		

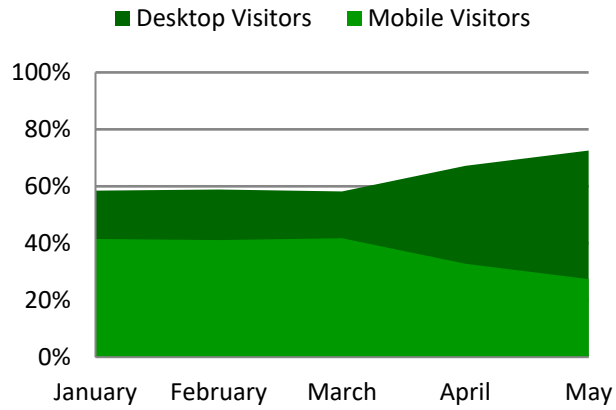
Public Outreach

835 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.



43,288 Total Twitter Followers

