

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

NH Department of Transportation's Mission

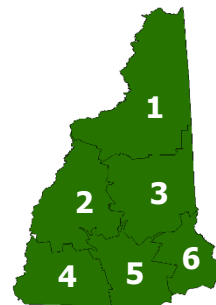
Transportation excellence enhancing the quality of life in New Hampshire.

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.	90	599

	Current Month	2023 Total
Planned Incidents	Total Planned Incidents	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	349	665

	Current Month	2023 Total
Communication	Total Calls	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	3,826	16,216

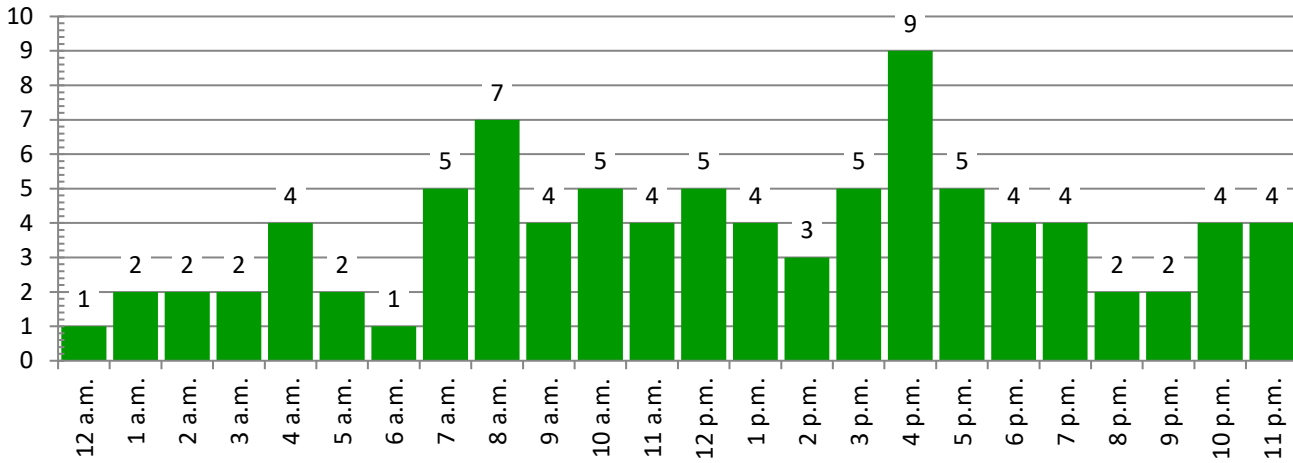
	Current Month	2023 Total
Work Zones Communication	Total Construction Calls	
Construction related activities or communication that is outside of planned incidents.	1,516	4,294

	Current Month	2023 Total
DMS Messages	Total Messages	
All changes to DMS are logged and reviewed.	30,373	88,892

	Current Month	2023 Total
Public Outreach	Total NHTMC.com Webpage Users	
Operators use Twitter and nhtmc.com to inform motorists about traffic events and other road related information.	713	5,405

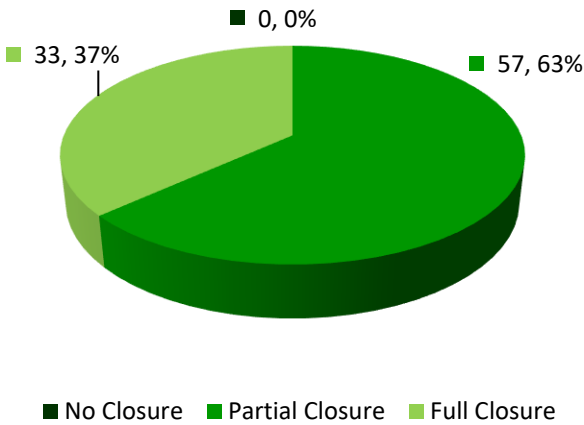
	Current Month	2023 Total
Storm Desk Activations	Total Storm Desk Activations	
The TSMO Storm Desk is activated during storm events. The Storm Desk is utilized as a single point of contact to stakeholders.	0	3

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:

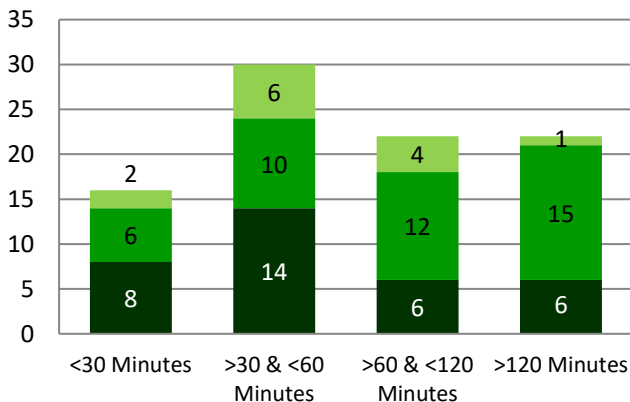
No Closure: No lane closures occurred during the incident.

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

Full Closure: All lanes were closed during the incident.

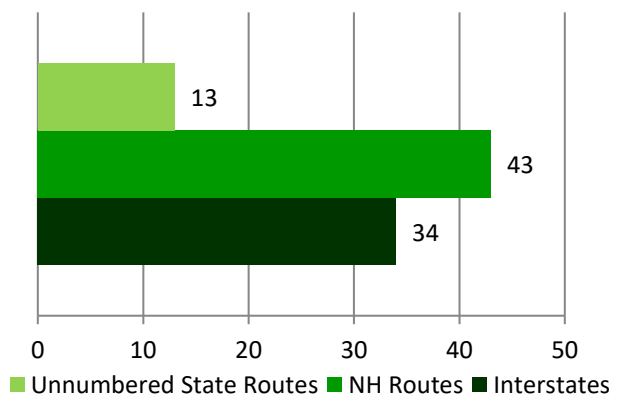
Current Month - Incident Duration

This graph shows the duration history of incidents.

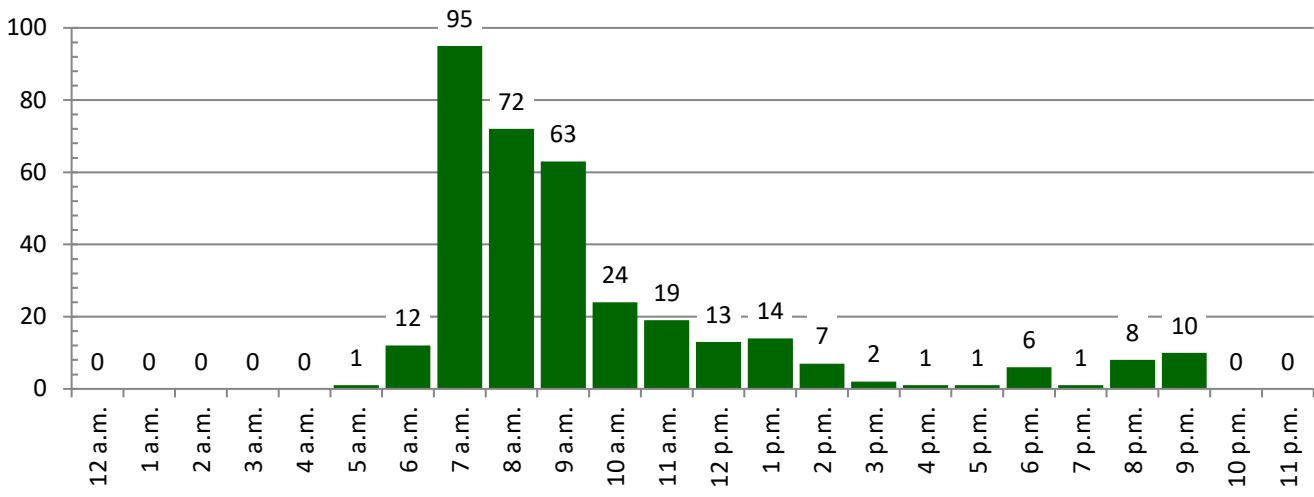


Current Month - Incident by Road

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

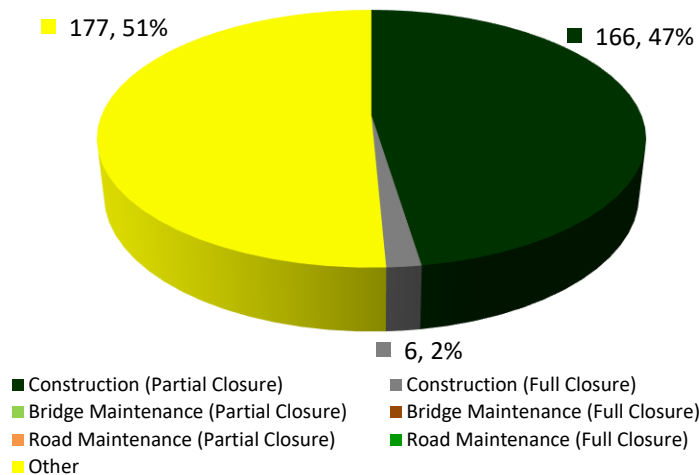


Planned Events



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

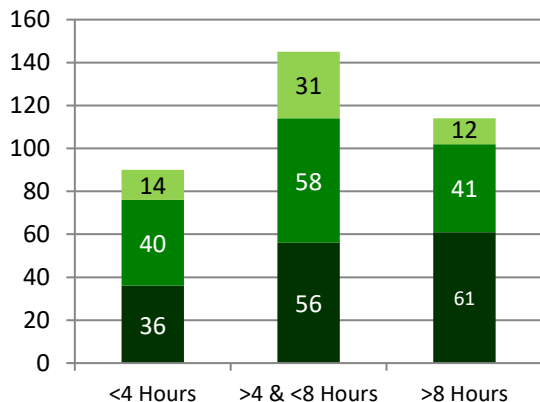


This graph shows the type of incident totals for the month.

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.

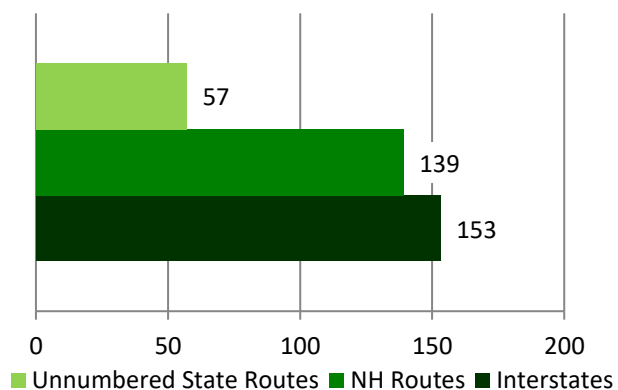
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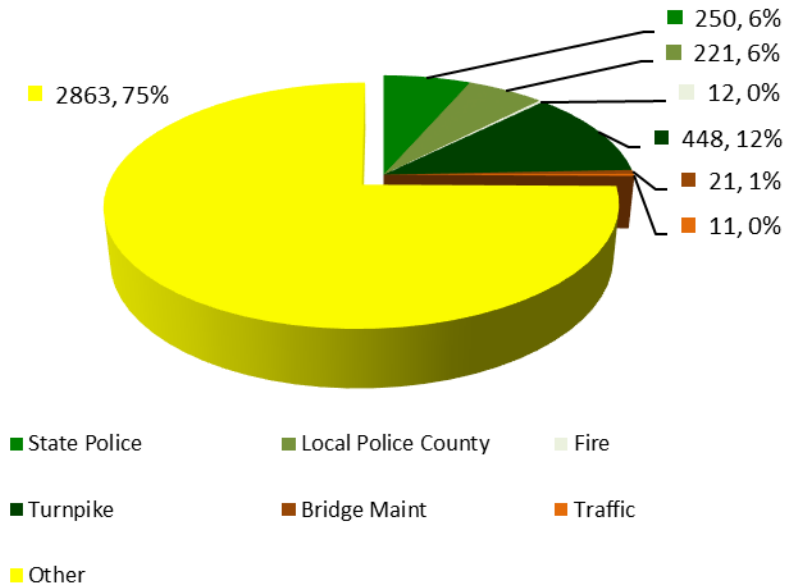
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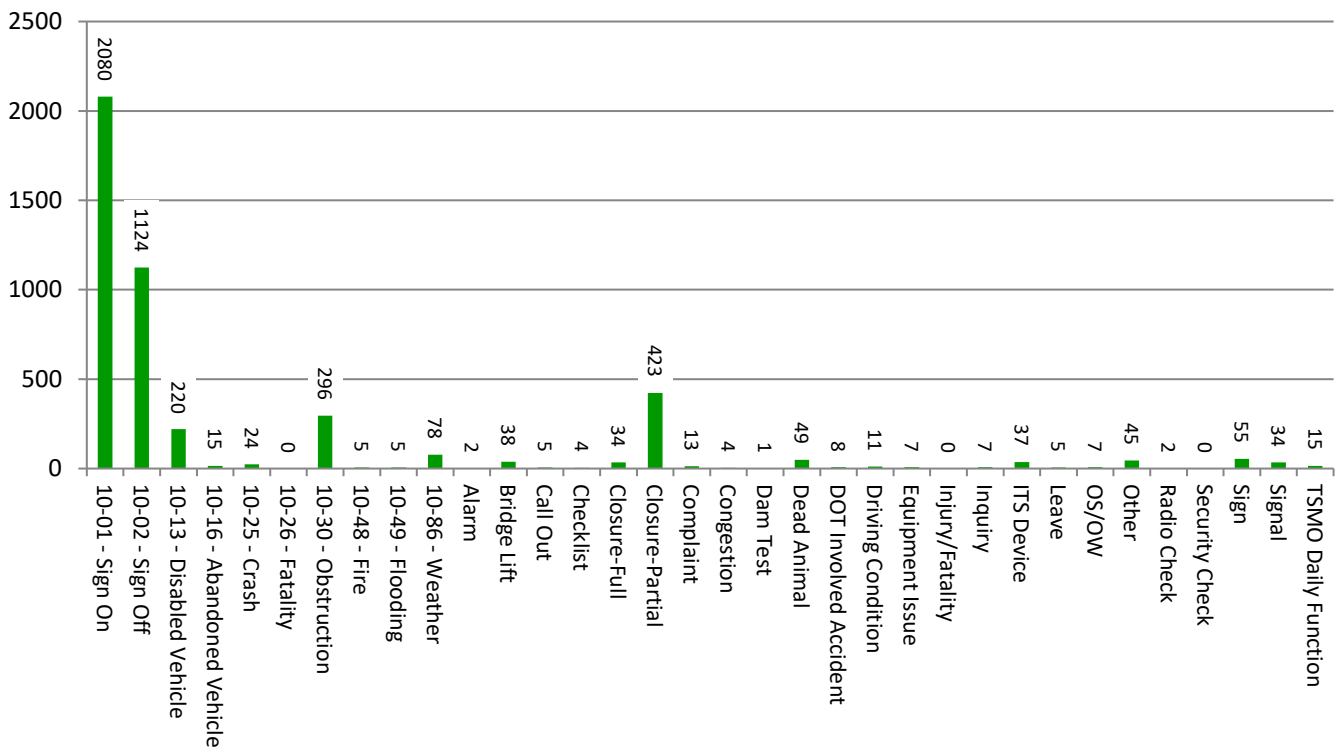
Current Month - Calls by Type

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



Log Entries by Type

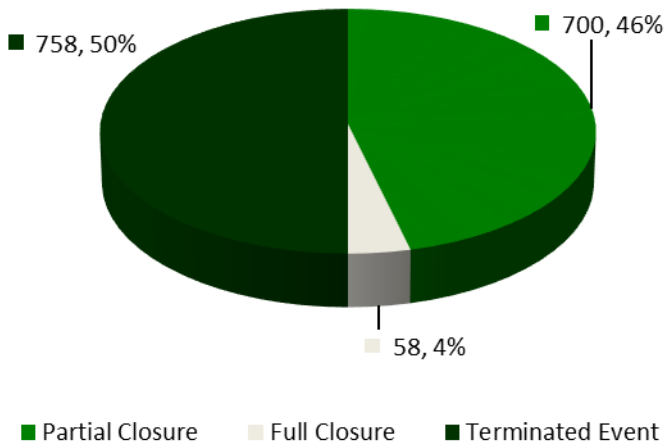
This graph shows the amount of log entries by type that TMC Operators have input into the Compass ATMS for the current month.



Work Zone Communication

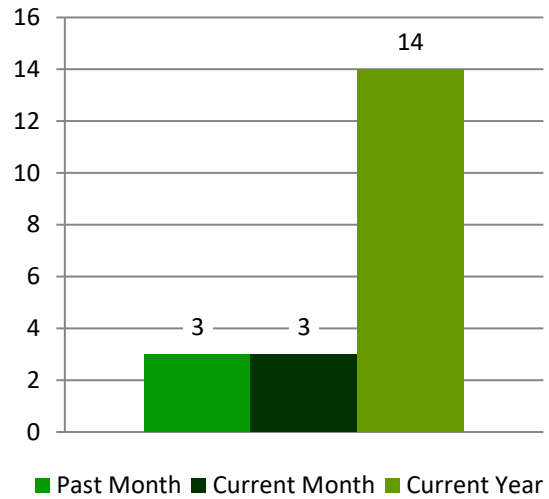
Current Month – Construction Calls

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

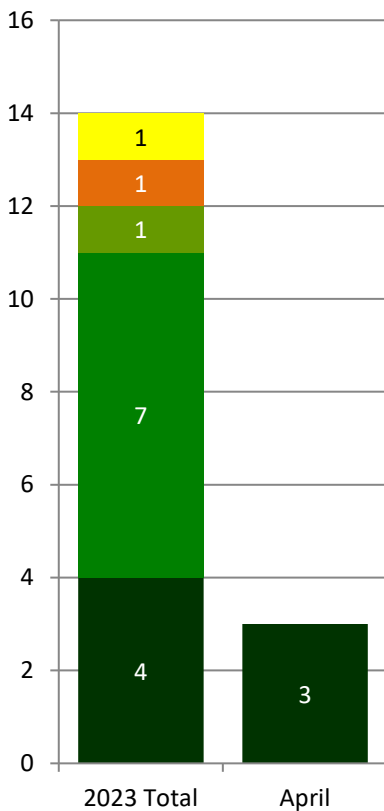


Incidents Occurring in Work Zones

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

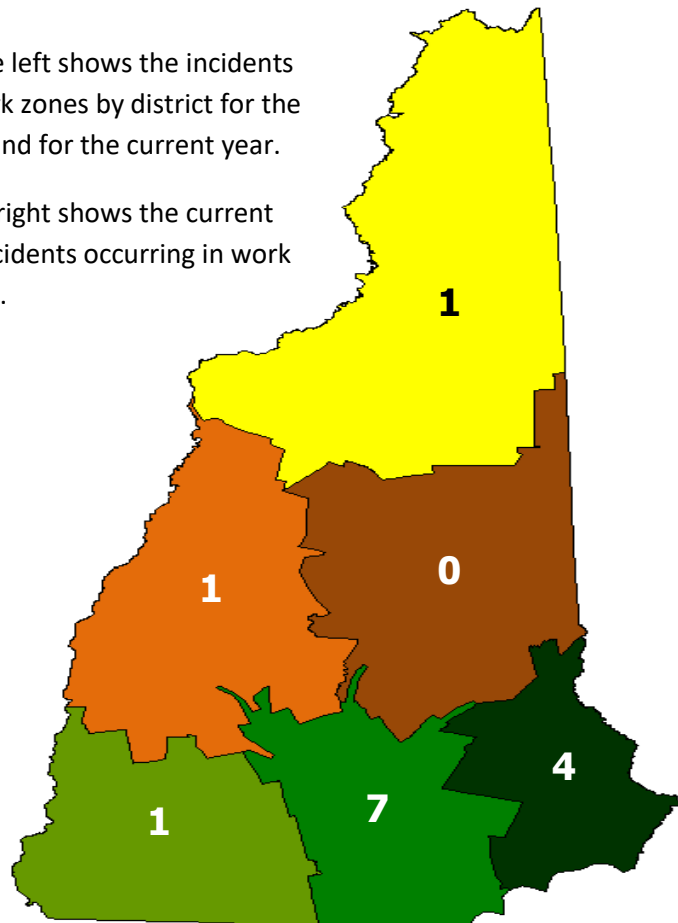


Incidents Occurring in Work Zones by Location



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

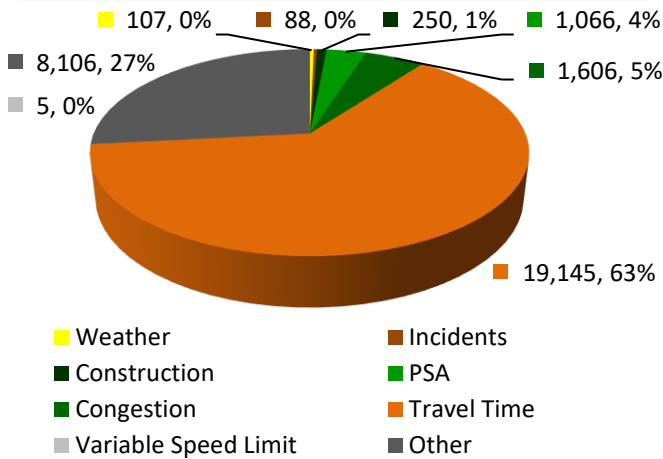
The map to the right shows the current year total for incidents occurring in work zones by district.



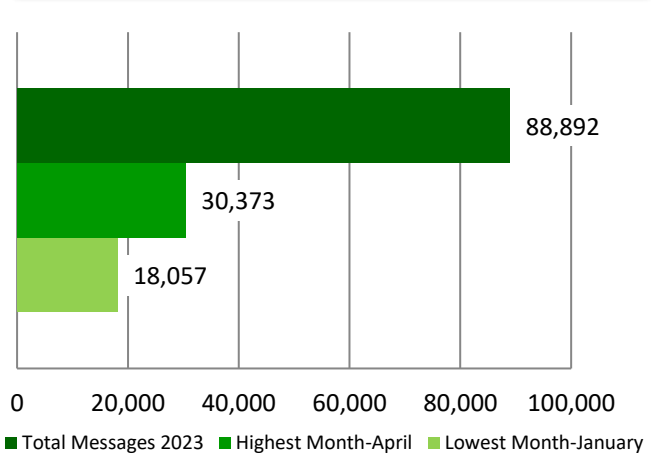
■ District 6
 ■ District 5
 ■ District 4
 ■ District 3
 ■ District 2
 ■ District 1

DMS Messages

Current Month - Messages by Type



Total Messages - 2023



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.

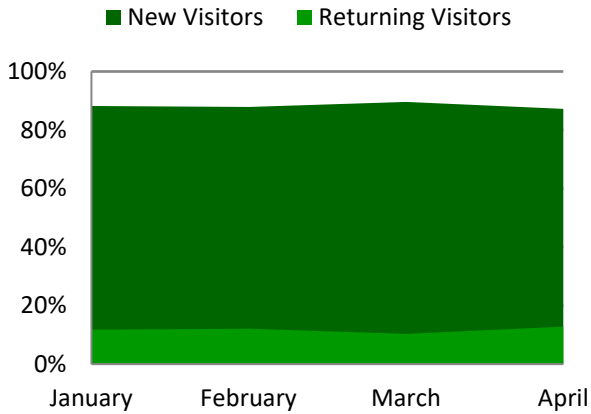
Current Month - Total Messages Posted by Board

101 E 52.8 FSV5	37	89S 42.6 PSV2	13	95S 3.4 FSPT	13
101 E 53 PSWC - SWZ - M04	111	89S 55.0 PSV2	21	95S 7.6 FSDT	43
101 W 54.3 PSWC - SWZ - M03	170	89S 57.7 FSS2	59	FEE N 1.2 FSVT	44
101E 102 PSP5	8	91 N VT 69.1 PSV VT - SWZ - M06	657	FEE N 15.2 PSWC - SWZ - M07	50
101E 114.8 FSV6	240	91 S VT 70.6 PSV VT - SWZ - M04	686	FEE N 16.2 PSVT	10
101W 102.6 FSV5	15	93 N 0.5 FSDT	215	FEE N 17.5 PSWC - SWZ - M06	51
101W 115 PSP5	10	93 N 7.5 FSD5	347	FEE N 17.8 FSVT	12
101W 128 PSV6	20	93 NM 3.8 VSL D5	2	FEE N 18.0 PSWC - SWZ - M05	50
16N 35.0 PSV3	14	93 S 22.6 PSVT - SWZ - M06	90	FEE N 5.2 PSVT	6
16S 75.4 FSV3	12	93 S 23.3 PSVT - SWZ - M05	58	FEE S 17.8 PSVT	2
293 S 4.7 PSWC - SWZ - M02	81	93 S 25.1 PSVT - SWZ - M04	22	FEE S 3.8 FSDT	42
293 S 5.2 PSWC - SWZ - M01	81	93 S 25.6 PSVT - SWZ - M03	31	FEE S 8.6 FSPT	9
293N 8.8 FSPT	845	93 S 26.4 PSVT - SWZ - M02	64	ST N 1.0 FSAT	3,839
293S 1.4 FSD5	46	93 S 27.4 PSVT - SWZ - M01	20	ST N 16.2 PSVT - SWZ - M06	11
293S 4.8 FSDT	45	93 S 31.9 PSVT - SWZ - M07	37	ST N 16.7 PSVT - SWZ - M05	106
393 W 1.9 PSV5	18	93N 23.4 FSD5	772	ST N 19.2 PSVT	8
4 W 98.9 FSS6	26	93N 32.9 FSST	22	ST N 4.3 PSVT - SWZ - M01	1,004
4E 92.4 FSS6	14	93N 36.2 FSVT	43	ST N 4.4 FSST	61
4E 98 FSA6	40	93N 43.8 PSP5	8	ST N 5.0 PSVT - SWZ - M02	315
89 N 23.2 PSV2 - SWZ - M01	285	93N 57.6 FSS3	20	ST S 18.25 PSVT - SWZ - M07	131
89 N 23.7 PSV2 - SWZ - M02	284	93N 76.4 FSV3	24	ST S 19.25 PSVT - SWZ - M08	3
89 N 26.4 PSV2 - SWZ - M03	36	93N 99.6 FSA3	62	ST S 24.4 FSVT	375
89 N 28.4 PSV2 - SWZ - M08	27	93S 117.6 FSA1	16	ST S 3.4 FSDT	5,147
89 N 30.2 PSV2 - SWZ - M04	21	93S 122.2 FSV1	20	ST S 34.4 PSVT	5
89 N 56.8 PSV2 - SWZ - M01	43	93S 14.4 VSL D5	3	ST S 6.6 PSVT - SWZ - M03	1,672
89 N 57.2 PSV2 - SWZ - M02	102	93S 23.4 FSD5	595	ST S 6.9 PSVT - SWZ - M04	304
89 N 59.8 PSV2 - SWZ - M03	78	93S 27.8 FSDT	1,289	ST S 7.8 FSAT	3,101
89 S 28.0 PSV2 - SWZ - M07	945	93S 32.4 FSVT	26	WA W 0.5 FSST	11
89 S 31.0 PSV2 - SWZ - M09	672	93S 36.5 FSST	30		
89 S 31.9 PSV2 - SWZ - M06	342	93S 39.0 FSV5	48		
89 S 58.7 PSV2 - SWV - M07	13	93S 43.3 PSV5	17		
89 S VT 0.9 PSV VT - SWZ - M05	410	93S 48.0 FSV5	17		
89N 1.8 FSV5	160	93S 57.6 PSP5	6		
89N 18.4 FSS5	33	93S 68.8 FSV3	41		
89N 35.5 FSV2	15	93S 7.2 FSD5	158		
89N 43.8 FSV2	14	93S 85.4 FSV3	39		
89N 49.0 PSV2	8	95N 0.4 FSVT	189		
89N 54.9 FSS2	15	95N 13.0 FSVT	18		
89S 10.8 FSV5	143	95N 14.8 FSDT	42		
89S 3.4 FSV5	2,383	95N 3.0 FSDT	163		
89S 31.4 PSP5	10	95S 15.4 FSDT	86		

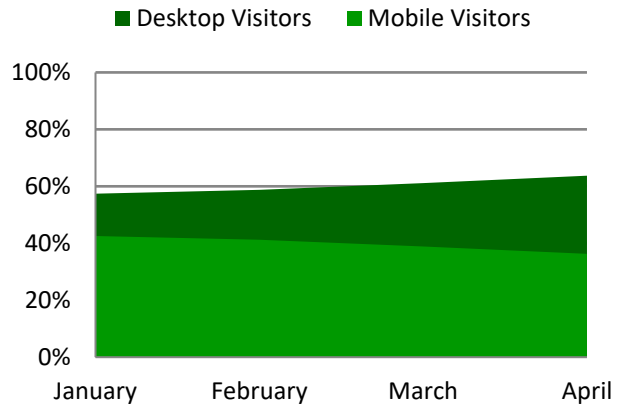
Public Outreach

713 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.



44,223 Total Twitter Followers

