

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

NH Department of Transportation's Mission

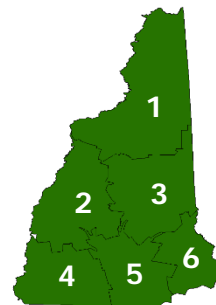
Transportation excellence enhancing the quality of life in New Hampshire.

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

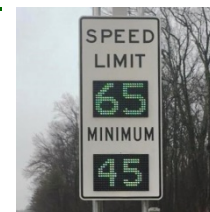
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Variable Speed Limit Sign (VSL)

	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.	135	1,308

	Current Month	2023 Total
Planned Incidents	Total Planned Incidents	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	469	3,146

	Current Month	2023 Total
Communication	Total Calls	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	4,656	41,969

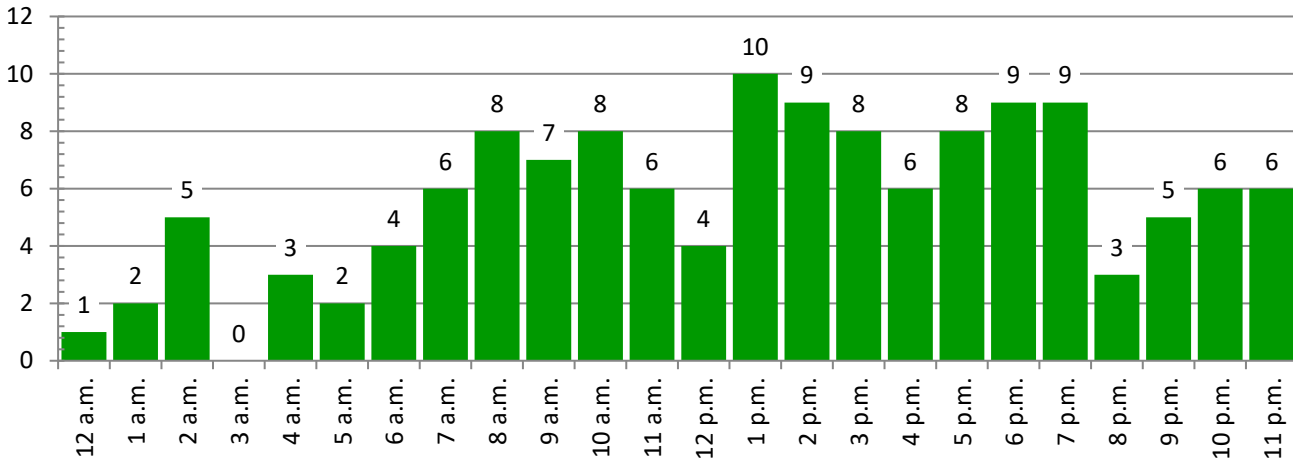
	Current Month	2023 Total
Work Zones Communication	Total Construction Calls	
Construction related activities or communication that is outside of planned incidents.	2,156	16,172

	Current Month	2023 Total
DMS Messages	Total Messages	
All changes to DMS are logged and reviewed.	29,921	242,295

	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.	946	11,453

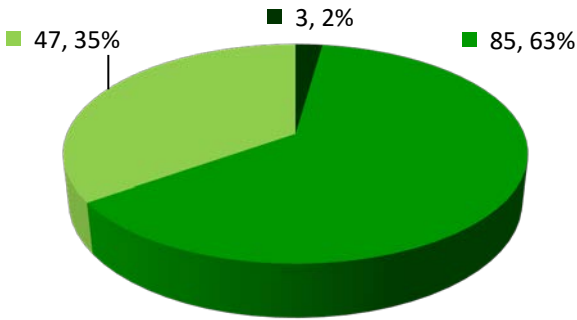
	Current Month	2023 Total
Storm Desk Activations	Total Storm Desk Activations	
The TSMO Storm Desk is activated during storm events. The Storm Desk is utilized as a single point of contact to stakeholders.	1	7

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.

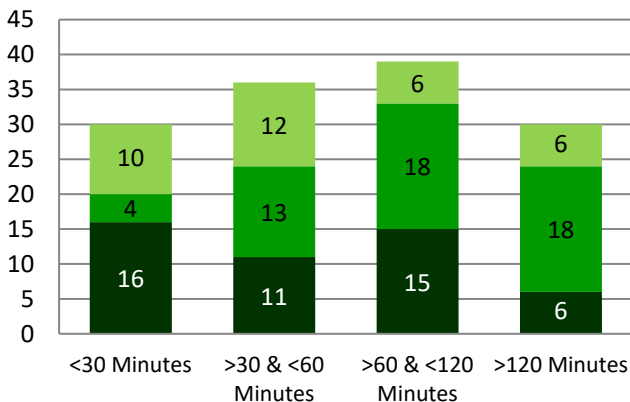
Partial Closure: Only a part of the roadway was closed.

Full Closure: All lanes were closed during the incident.

■ No Closure ■ Partial Closure ■ Full Closure

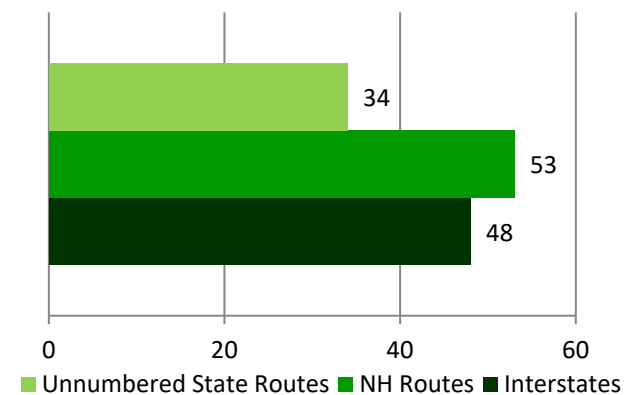
Current Month - Incident Duration

This graph shows the duration history of incidents.

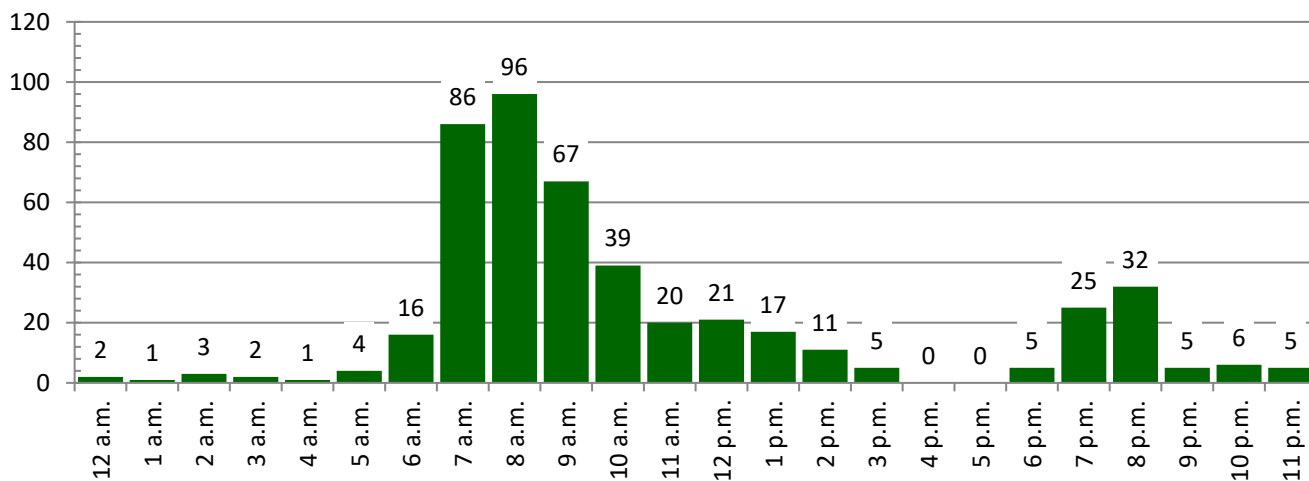


Current Month - Incident by Road

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

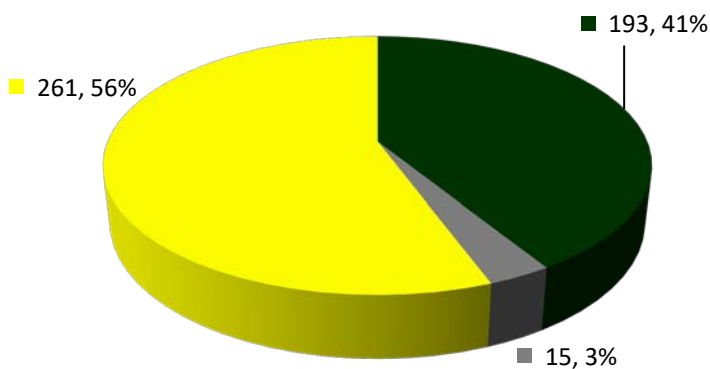


Planned Events



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



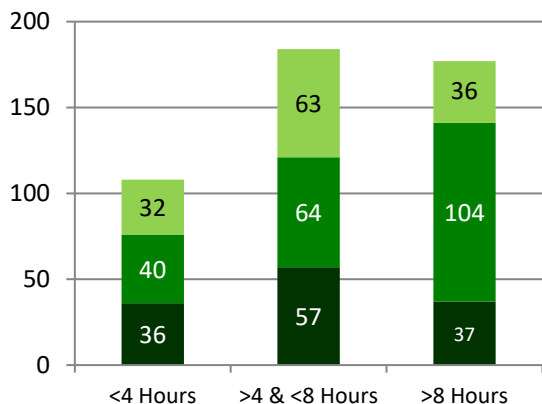
This graph shows the type of incident totals for the month.

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

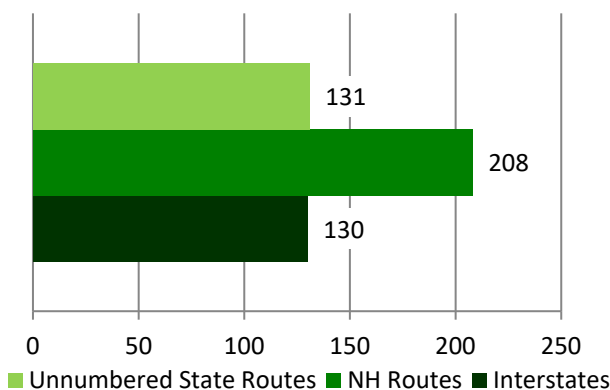
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Current Month - Incident by Road

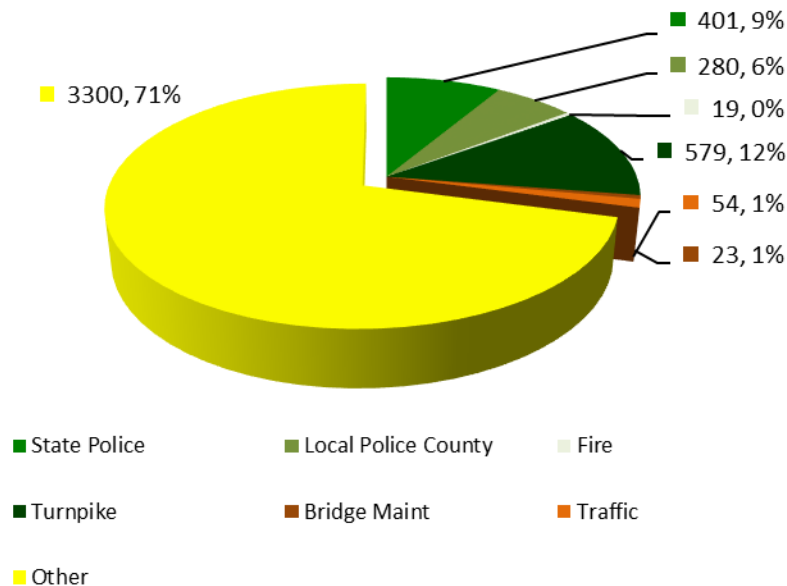
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Communication

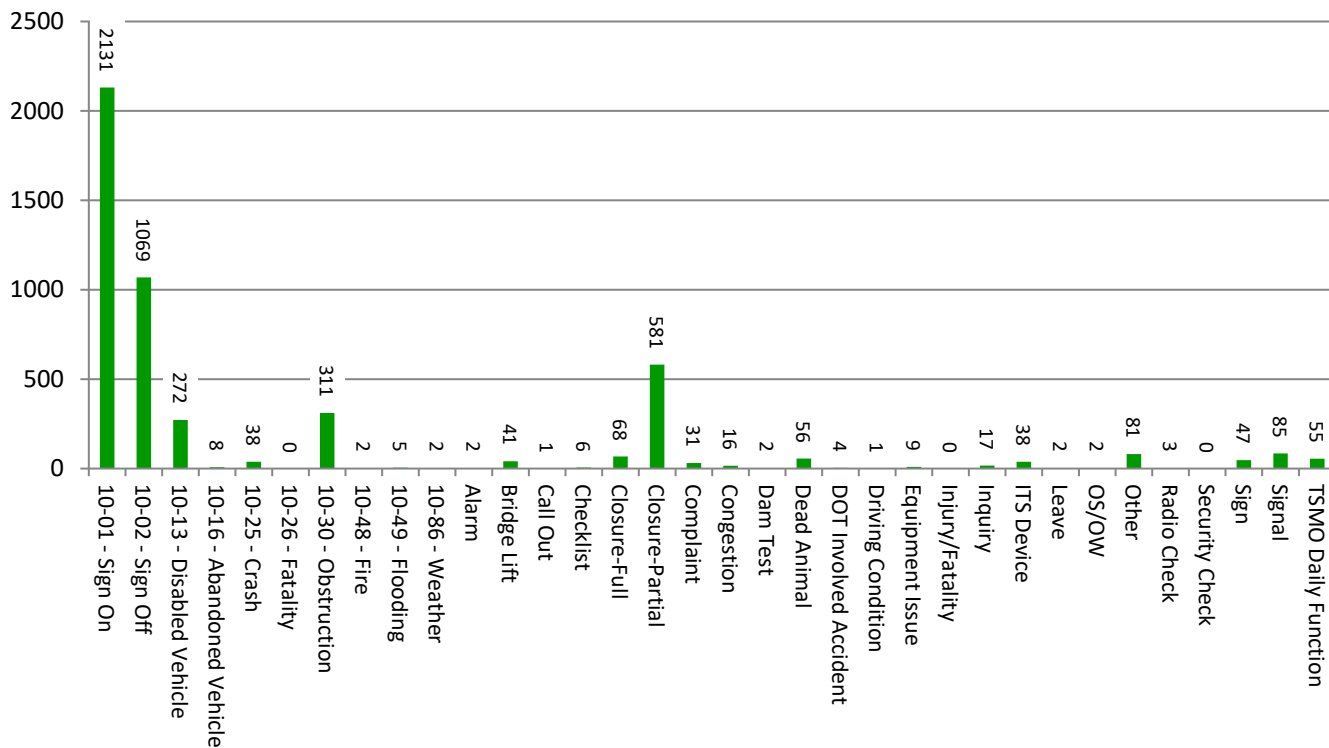
Current Month - Calls by Type

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



Log Entries by Type

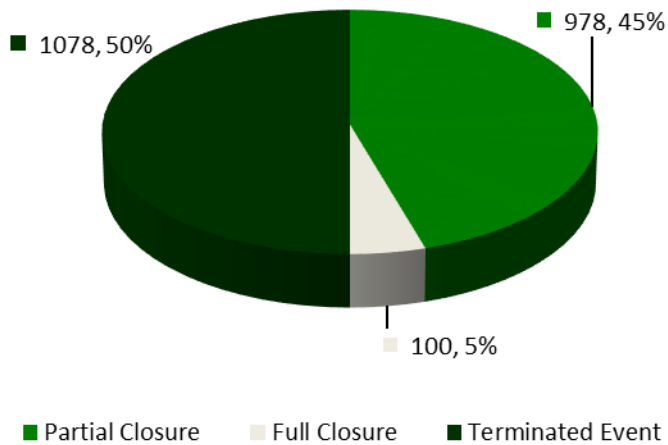
This graph shows the amount of log entries by type that TMC Operators have input into the Compass ATMS for the current month.



Work Zone Communication

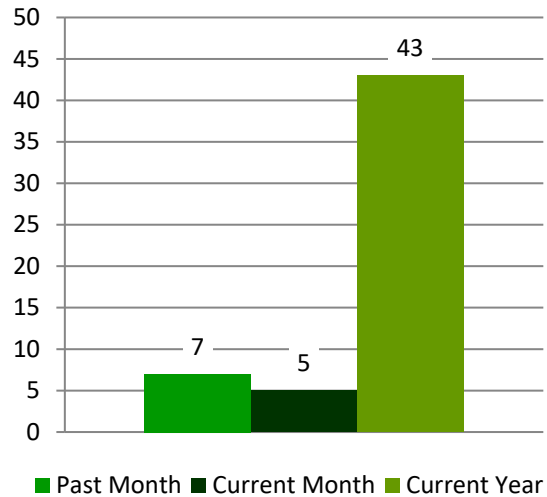
Current Month – Construction Calls

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

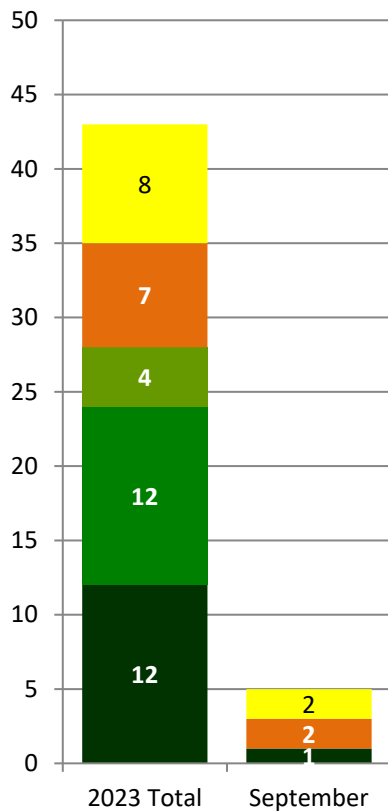


Incidents Occurring in Work Zones

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

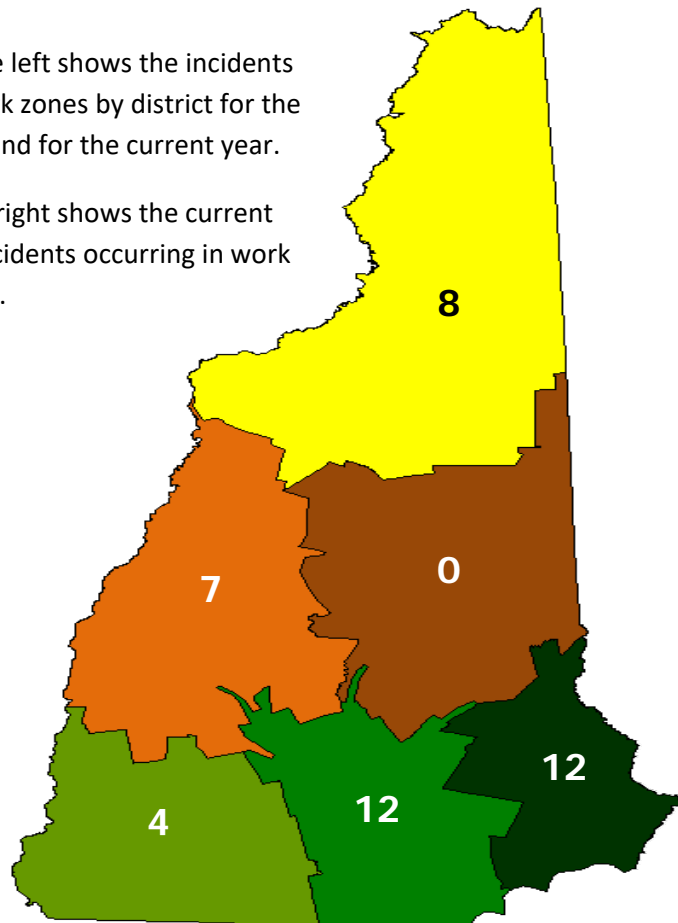


Incidents Occurring in Work Zones by Location



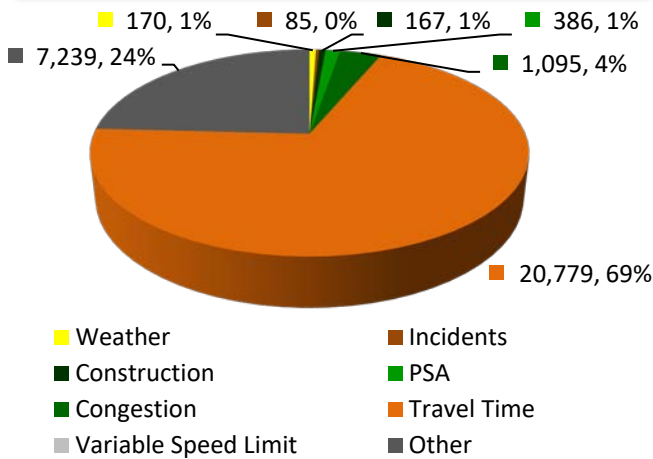
The graph to the left shows the incidents occurring in work zones by district for the current month and for the current year.

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

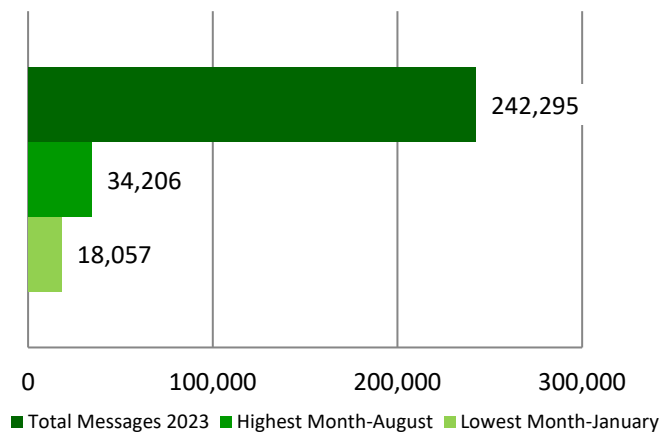


DMS Messages

Current Month - Messages by Type



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.

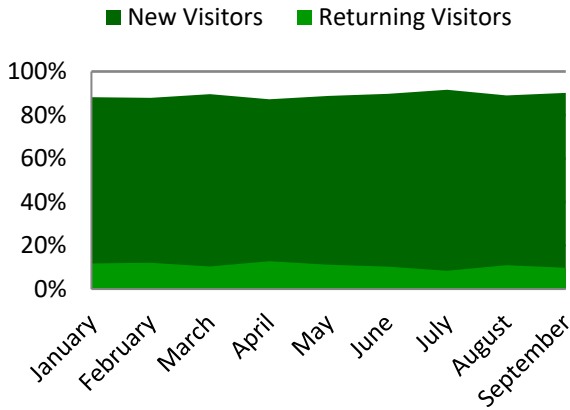
Current Month - Total Messages Posted by Board

101 E 52.8 FSV5	32	93 N 7.5 FSD5	409	ST N 1.0 FSAT	21
101 E 53 PSWC - SWZ - M04	11	93 S 30.4 PSVT	14	ST N 16.2 PSVT - SWZ - M06	76
101 W 54.3 PSWC - SWZ - M03	248	93N 23.4 FSD5	1,491	ST N 16.7 PSVT - SWZ - M05	63
101E 114.8 FSV6	362	93N 26.9 PSVT	20	ST N 4.3 PSVT - SWZ - M01	1,522
101W 102.6 FSV5	4	93N 32.9 FSST	31	ST N 4.4 FSST	39
101W 128 PSV6	10	93N 36.2 FSVT	51	ST N 5.0 PSVT - SWZ - M02	754
293 S 4.7 PSWC - SWZ - M02	84	93N 57.6 FSS3	9	ST N 7.0 SKVT	9
293 S 5.2 PSWC - SWZ - M01	81	93N 76.4 FSV3	5	ST S 18.25 PSVT - SWZ - M07	158
293N 8.8 FSPT	1,641	93N 82.6 FSV3	9	ST S 19.25 PSVT - SWZ - M08	9
293S 1.4 FSD5	34	93N 99.6 FSA3	37	ST S 24.4 FSVT	351
293S 4.8 FSDT	32	93S 117.6 FSA1	20	ST S 3.4 FSDT	2,830
393 W 1.9 PSV5	17	93S 122.2 FSV1	7	ST S 6.6 PSVT - SWZ - M03	1,291
4 W 98.9 FSS6	26	93S 23.4 FSD5	719	ST S 6.9 PSVT - SWZ - M04	204
4E 92.4 FSS6	19	93S 27.8 FSDT	3,263	ST S 7.8 FSAT	3,006
4E 98 FSA6	36	93S 32.4 FSVT	14	WA W 0.5 FSST	20
89 N 23.2 PSV2 - SWZ - M01	664	93S 36.5 FSST	8		
89 N 23.7 PSV2 - SWZ - M02	727	93S 39.0 FSV5	43		
89 N 26.4 PSV2 - SWZ - M03	178	93S 43.3 PSV5	21		
89 N 28.4 PSV2 - SWZ - M08	1	93S 48.0 FSV5	22		
89 N 30.2 PSV2 - SWZ - M04	235	93S 68.8 FSV3	42		
89 N 56.8 PSV2 - SWZ - M01	121	93S 7.2 FSD5	134		
89 N 57.2 PSV2 - SWZ - M02	25	93S 85.4 FSV3	34		
89 N 57.3 FSS 2	6	95MN 12.8 PSVT	26		
89 N 59.8 PSV2 - SWZ - M03	21	95N 0.4 FSVT	28		
89 S 28.0 PSV2 - SWZ - M07	8	95N 14.8 FSDT	67		
89 S 31.0 PSV2 - SWZ - M09	13	95N 3.0 FSDT	387		
89 S 31.9 PSV2 - SWZ - M06	53	95N 4.8 PSVT	29		
89 S 32.5 PSV2 - SWZ - M05	53	95S 15.4 FSDT	325		
89 S 58.7 PSV2 - SWV - M07	10	95S 3.4 FSPT	6		
89 S VT 0.9 PSV VT - SWZ - M05	36	95S 7.2 PSVT	19		
89N 1.8 FSV5	217	95S 7.6 FSDT	209		
89N 18.4 FSS5	27	FEE N 1.2 FSVT	45		
89N 35.5 FSV2	3	FEE N 14.0 PSVT - SWZ - M-02	62		
89N 54.9 FSS2	22	FEE N 17.5 PSWC - SWZ - M06	251		
89S 10.8 FSV5	387	FEE N 17.8 FSVT	8		
89S 3.4 FSV5	5,460	FEE N 18.0 PSWC - SWZ - M05	214		
89S 55.0 PSV2	3	FEE N 9.0 PSVT - SWZ - M-03	10		
89S 57.7 FSS2	10	FEE S 17.5 FSVT- SWZ - M-01	34		
91 N VT 69.1 PSV VT - SWZ - M06	2	FEE S 3.8 FSDT	36		
91 S VT 70.6 PSV VT - SWZ - M04	138	FEE S 8.6 FSPT	10		
93 N 0.5 FSDT	300	RW W 0.7 PSVT - SWZ - M-04	36		

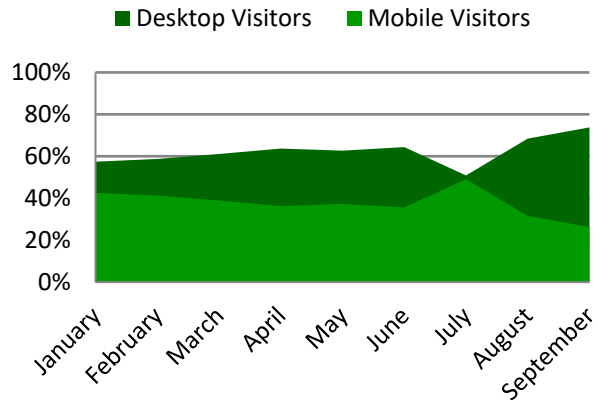
Public Outreach

946 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.



15,947 Total NewEngland511 Accounts

www.NewEngland511.org Notifications

