

# TMC Monthly Operational Summary

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Bureau of Transportation Systems Management & Operations (TSMO)

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## ***NH Department of Transportation's Mission***

*Transportation excellence enhancing the quality of life in New Hampshire.*

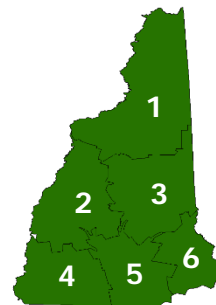
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## ***Transportation Management Center's Mission***

*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

	2023 Total	2024 Total
CCTV cameras are used to pinpoint and monitor traffic events so that information can be disseminated quickly and accurately.	146	146

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### Dynamic Message Signs (DMS)

	2023 Total	2024 Total
DMS aid in sending messages to motorists to inform them of traffic events that may be impacting their route ahead.	57	57
<sup>1</sup> Additional DMS that TSMO uses during the winter season.	16 <sup>1</sup>	16 <sup>1</sup>
<sup>2</sup> TSMO is responsible for an additional ~20 DMS for the department.	20 <sup>2</sup>	20 <sup>2</sup>

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<sup>2</sup> TSMO is responsible for an additional ~20 DMS for the department.



### Road Weather Information System (RWIS)

	2023 Total	2024 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

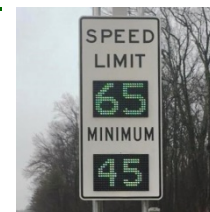
A RWIS collects and displays data from a network of pavement and atmospheric sensors to provide site-specific weather and pavement surface condition information.



### Variable Speed Limit Sign (VSL)

	2023 Total	2024 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)

	2023 Total	2024 Total
MVDS are sensors that collect speed and volume data.	39	39

MVDS are sensors that collect speed and volume data.



# Summary

	Current Month	2024 Total
<b>Unplanned Incidents</b>	<b>Total Unplanned Incidents</b>	
Operators log information about each unplanned incident including date/time, location, traffic impact, and duration.	233	620

	Current Month	2024 Total
<b>Planned Incidents</b>	<b>Total Planned Incidents</b>	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	104	301

	Current Month	2024 Total
<b>Communication</b>	<b>Total Calls</b>	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	4,540	12,731

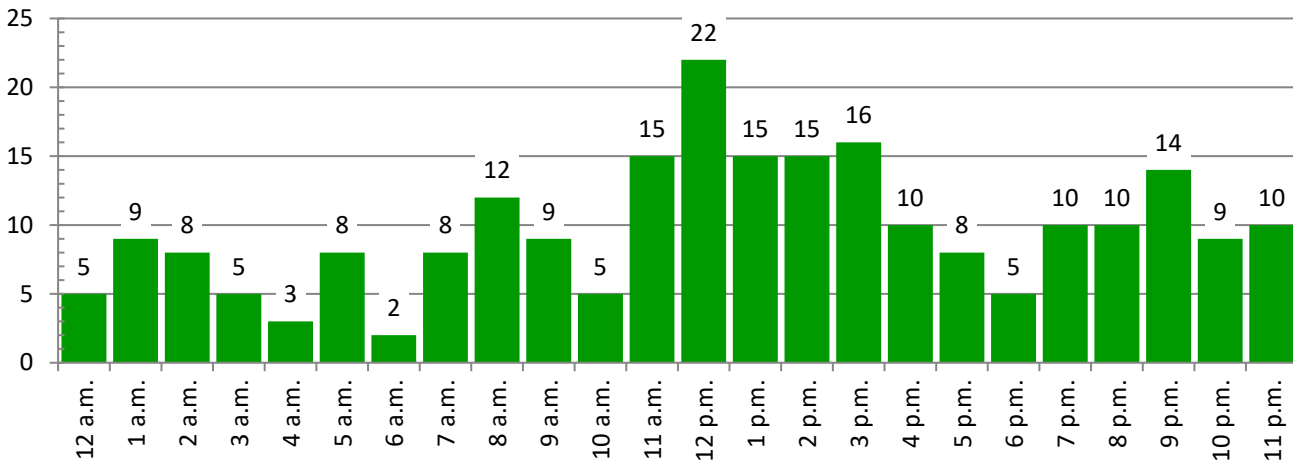
	Current Month	2024 Total
<b>Work Zones Communication</b>	<b>Total Construction Calls</b>	
Construction related activities or communication that is outside of planned incidents.	1,196	3,020

	Current Month	2024 Total
<b>DMS Messages</b>	<b>Total Messages</b>	
All changes to DMS are logged and reviewed.	15,485	48,728

	Current Month	2024 Total
<b>Public Outreach</b>	<b>Total NHTMC.com Webpage Users</b>	
Operators use New England 511 and nhtmc.com to inform motorists about traffic events and other road related information.	956	5,023

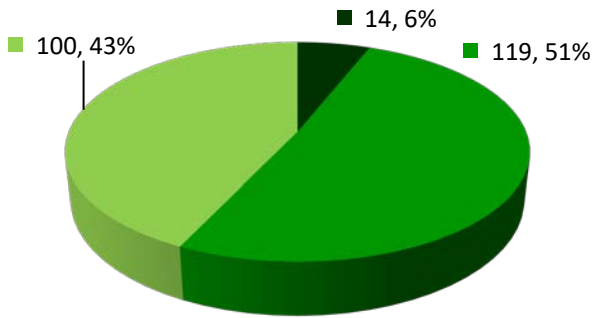
	Current Month	2024 Total
<b>Storm Desk Activations</b>	<b>Total Storm Desk Activations</b>	
The TSMO Storm Desk is activated during storm events. The Storm Desk is utilized as a single point of contact to stakeholders.	1	4

# 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.

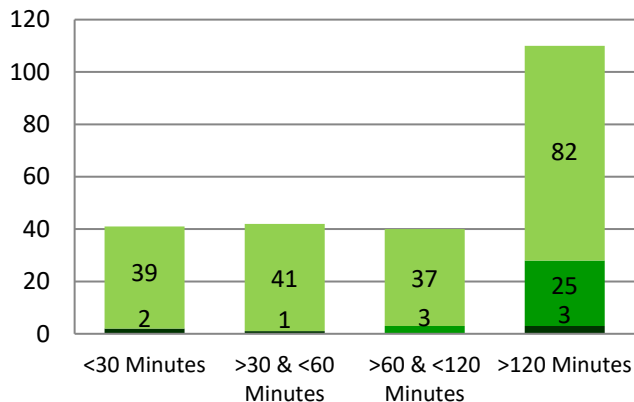
**Partial Closure:** Only a part of the roadway was closed.

**Full Closure:** All lanes were closed during the incident.

■ No Closure ■ Partial Closure ■ Full Closure

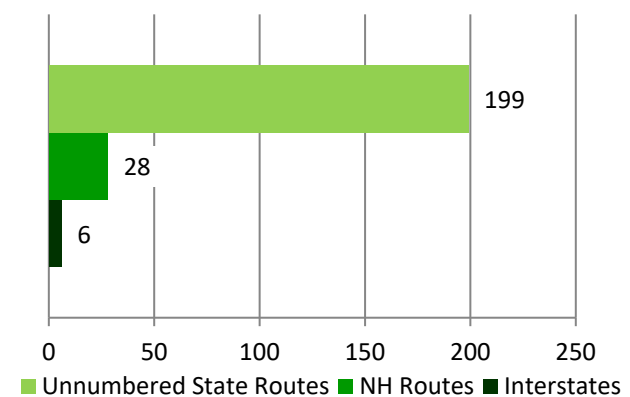
## Current Month - Incident Duration

This graph shows the duration history of incidents.

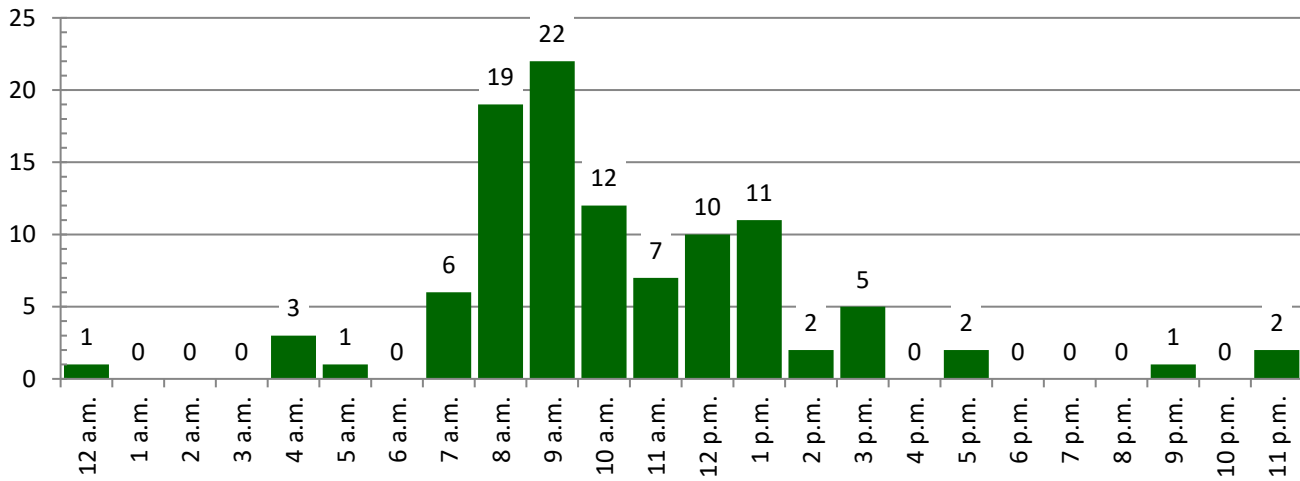


## Current Month - Incident by Road

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

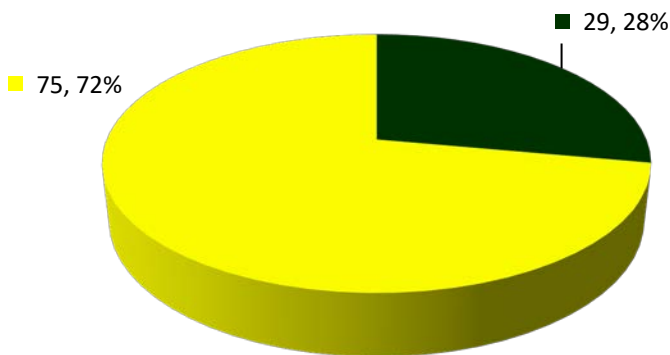


# Planned Events



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



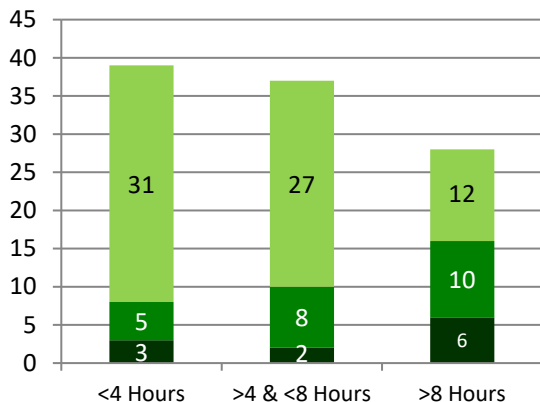
This graph shows the type of incident totals for the month.

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

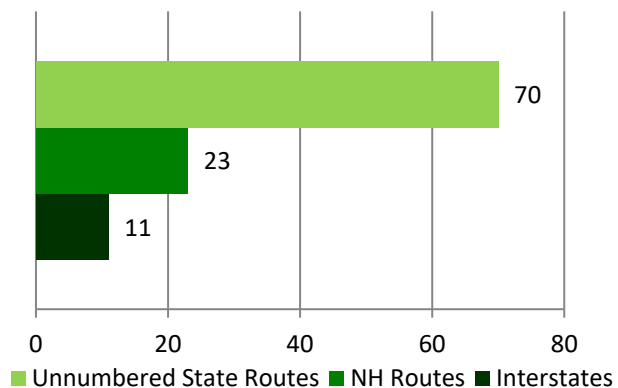
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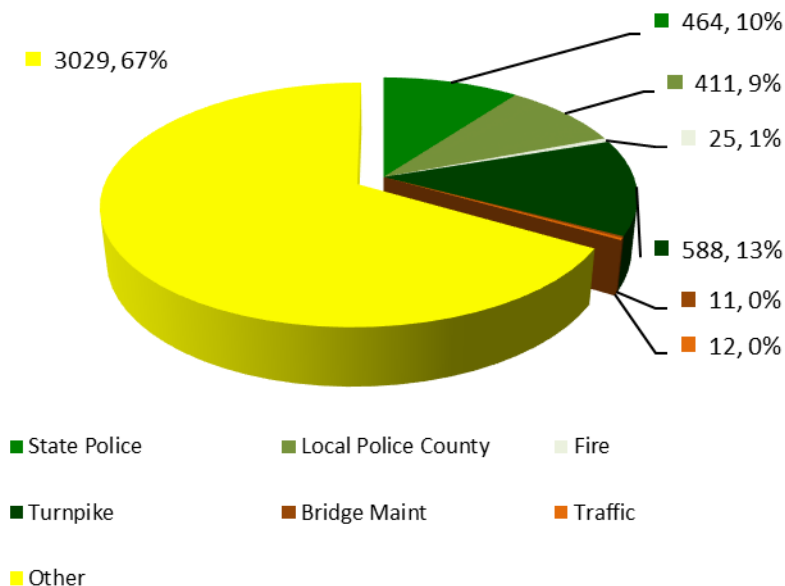
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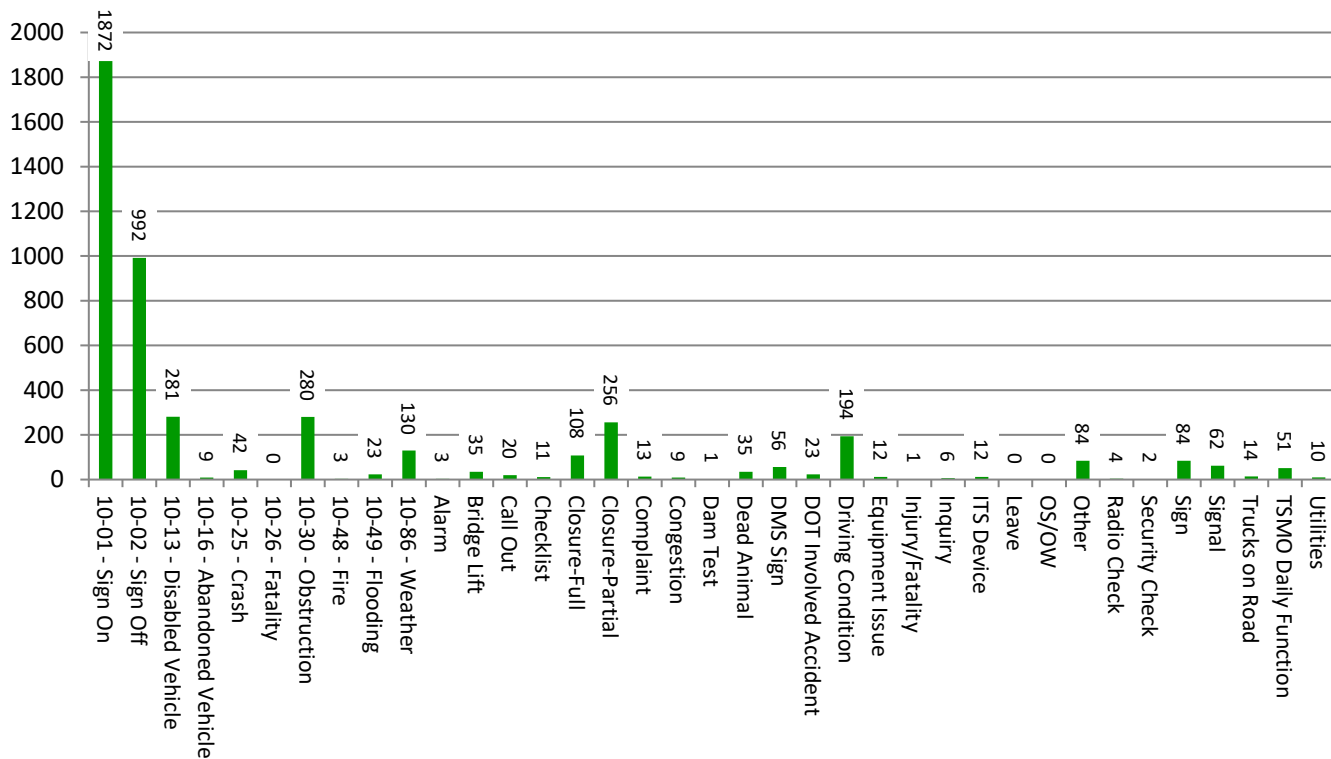
## Current Month - Calls by Type

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



## Log Entries by Type

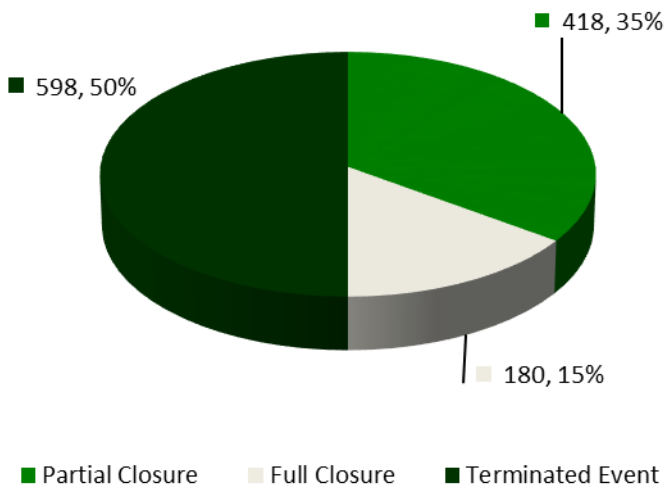
This graph shows the amount of log entries by type that TMC Operators have input into the Compass ATMS for the current month.



# Work Zone Communication

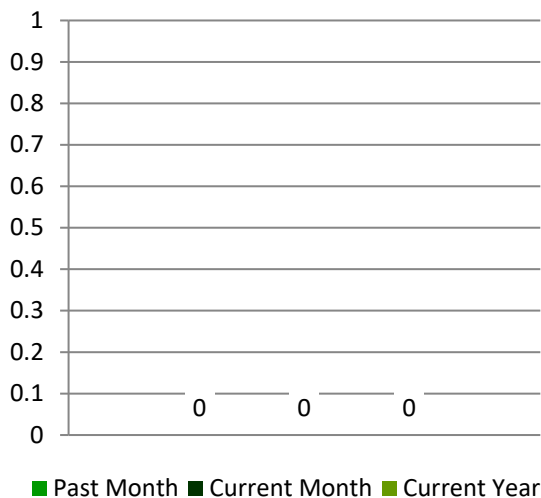
## Current Month – Construction Calls

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

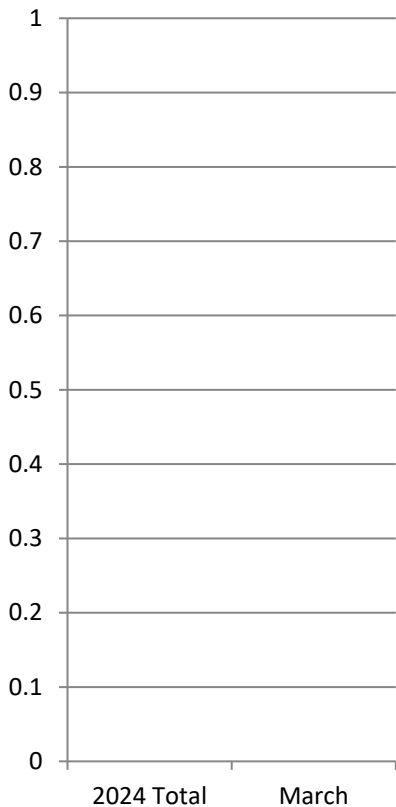


## Incidents Occurring in Work Zones

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

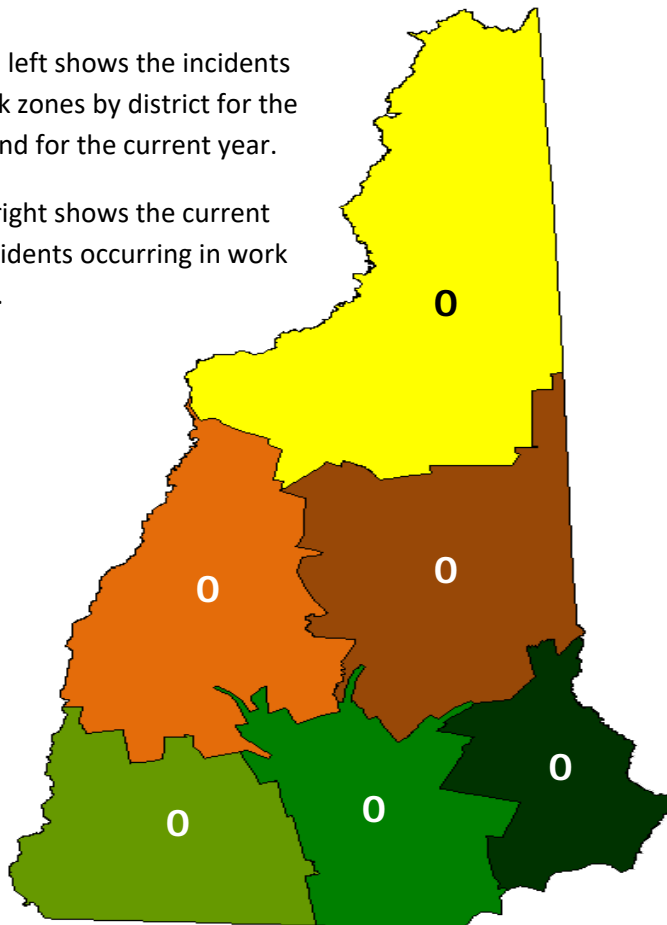


## Incidents Occurring in Work Zones by Location



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

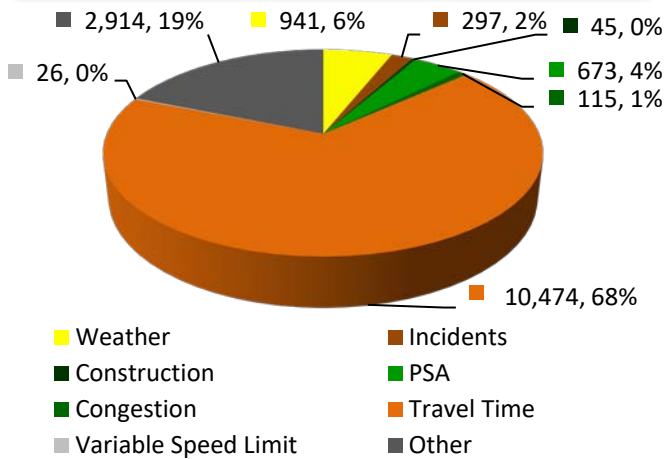
The map to the right shows the current year total for incidents occurring in work zones by district.



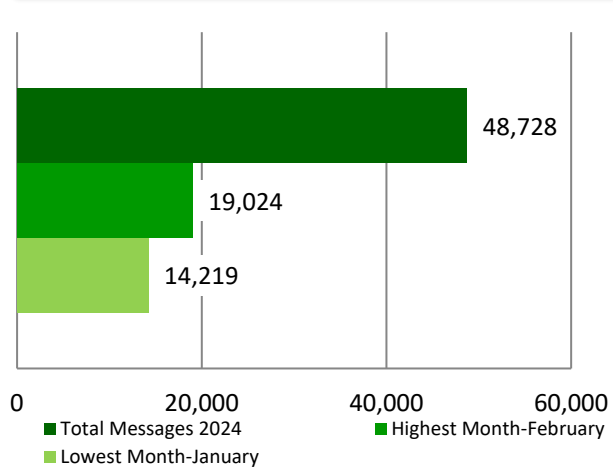
- District 6 ■ District 5 ■ District 4
- District 3 ■ District 2 ■ District 1

# DMS Messages

## Current Month - Messages by Type



## Total Messages - 2024



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

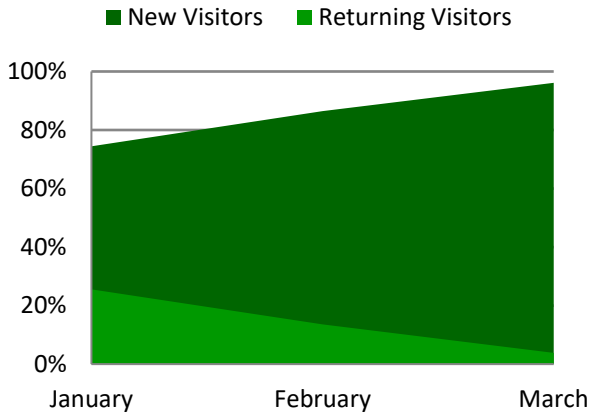
ST S 3.4 FSDT	3038	89N 18.4 FSS5	57	4E 92.4 FSS6	24
ST S 7.8 FSAT	1835	93S 68.8 FSV3	57	16S 75.4 FSV3	23
ST N 1.0 FSAT	1762	89S 42.6 PSV2	56	393 W 1.9 PSV5	23
89S 3.4 FSV5	1399	89N 49.0 PSV2	54	95N 4.8 PSVT	22
93S 27.8 FSDT	819	4E 98 FSA6	53	89 N 57.3 FSS 2	18
293N 8.8 FSPT	456	89 N 28.4 PSV2 - SWZ - M08	53	93 S 17.8 VSL SE 5	15
93N 23.4 FSD5	427	89N 43.8 PSV2	52	ST N 16.2 PSVT - SWZ - M06	14
93S 23.4 FSD5	296	93N 32.9 FSS2	52	ST S 11.6 FSAT	13
93 N 7.5 FSD5	253	FEE N 5.2 PSVT	50	93N 43.8 PSP5	11
ST N 4.3 PSVT - SWZ - M01	184	4 W 98.9 FSS6	49	93S 57.6 PSP5	11
93 N 0.5 FSDT	165	89S 55.0 PSV2	48	FEE N 9.0 PSVT - SWZ - M-03	11
89S 10.8 FSV5	160	93S 117.6 FSA1	47	101 W 54.3 PSVT - SWZ - M06	9
ST S 6.6 PSVT - SWZ - M03	154	89 S 31.0 PSV2 - SWZ - M09	44	293 S 5.1 PSVT - SWZ - M05	7
95N 0.4 FSVT	149	95MN 12.8 PSVT	44	93 NM 2.35 VSL D 5	7
95S 15.4 FSDT	148	WA W 0.5 FSST	43	ST S 19.25 PSVT - SWZ - M08	7
89N 1.8 FSV5	147	89 N 56.8 PSV2 - SWZ - M01	42	101 E 53.4 PSVT - SWZ - M07	6
95N 3.0 FSDT	129	89S 31.4 PSP5	42	95 N 0.5 FSD MTA	6
89 S 31.9 PSV2 - SWZ - M06	127	89 N 30.2 PSV2 - SWZ - M04	41	93 N 2.35 VSL D 5	3
93S 7.2 FSD5	126	ST S 6.9 PSVT - SWZ - M04	41	93N 16.0 VSL D5	3
95S 7.6 FSDT	123	93N 99.6 FSA3	39	93 N 12.4 VSL SE 5	2
ST S 24.4 FSVT	117	93S 85.4 FSV3	38	93 NM 12.4 VSL SE 5	2
89 N 23.7 PSV2 - SWZ - M02	116	95S 3.4 FSPT	38	93 S 10.7 VSL SE 5	2
89 N 23.2 PSV2 - SWZ - M01	110	ST S 34.4 PSVT	38	93 S 5.2 VSL D5	2
89 S 32.5 PSV2 - SWZ - M05	106	93N 76.4 FSV3	36	93 SM 10.7 VSL SE 5	2
293S 1.4 FSD5	92	16N 35.0 PSV3	35	93 SM 17.8 VSL SE 5	2
ST N 5.0 PSVT - SWZ - M02	91	ST N 19.2 PSVT	35	93 SM 5.2 VSL D5	2
89 N 26.4 PSV2 - SWZ - M03	90	89 N 57.2 PSV2 - SWZ - M02	32	89 S VT 0.9 PSV VT - SWZ - M05	1
89S 57.7 FSS2	90	93S 32.5 FSVT	32	91 N VT 69.1 PSV VT - SWZ - M06	1
293S 4.8 FSDT	84	93S 48.0 FSV5	32	91 S VT 70.6 PSV VT - SWZ - M04	1
ST N 16.7 PSVT - SWZ - M05	80	FEE S 17.5 FSVT - SWZ - M-01	32	93 N 3.8 VSL D5	1
93N 36.2 FSVT	77	FEE S 8.6 FSPT	32	93 N 6.6 VSL D5	1
ST S 18.25 PSVT - SWZ - M07	71	89 N 59.8 PSV2 - SWZ - M03	31	93 NM 3.8 VSL D5	1
101 E 52.8 FSV5	70	89 S 58.7 PSV2 - SWV - M07	31	93 NM 6.6 VSL D5	1
FEE N 1.2 FSVT	66	93N 82.6 FSV3	31	93 S 2.2 VSL D 5	1
95N 14.8 FSDT	65	93S 122.2 FSV1	31	93 SM 2.2 VSL D 5	1
FEE S 3.8 FSDT	65	ST N 7.0 SKVT	30	93N 16.0 VSL D5 Median	1
ST N 4.4 FSST	64	RW W 0.7 PSVT - SWZ - M-04	29	93S 14.4 VSL D5	1
89N 54.9 FSS2	62	89 S 28.0 PSV2 - SWZ - M07	26	93S 14.4 VSL D5 Median	1
93S 39.0 FSV5	62	FEE N 14.0 PSVT - SWZ - M-02	26		
89N 35.5 FSV2	61	93S 43.3 PSV5	25		
93S 36.5 FSST	61	FEE S 17.8 PSVT	25		



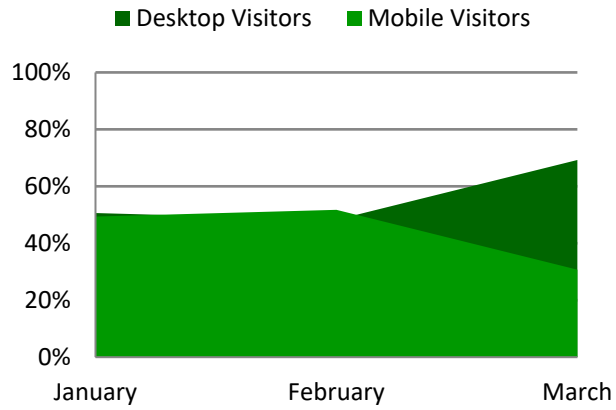
# Public Outreach

## 956 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.



23,251 Total NewEngland511 Accounts

### www.NewEngland511.org Notifications

