

# 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.*

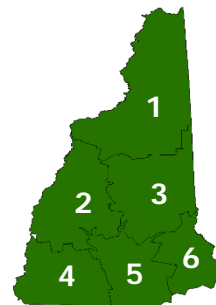
---

## ***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

	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

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



### 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>

DMS aid in sending messages to motorists to inform them of traffic events that may be impacting their route ahead.

<sup>1</sup> Additional DMS that TSMO uses during the winter season.

<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

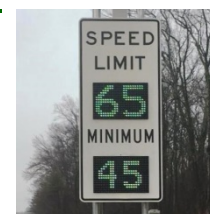
A RWIS collects and displays data from a network of pavement and atmospheric sensors to provide site-specific weather and pavement surface condition information.



### Variable Speed Limit Sign (VSL)

	2023 Total	2024 Total
VSL are speed limits that change based on road, traffic, and weather conditions.	21	21

VSL are speed limits that change based on road, traffic, and weather conditions.



### 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.	153	1,077

	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.	567	1,842

	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.	5,698	28,328

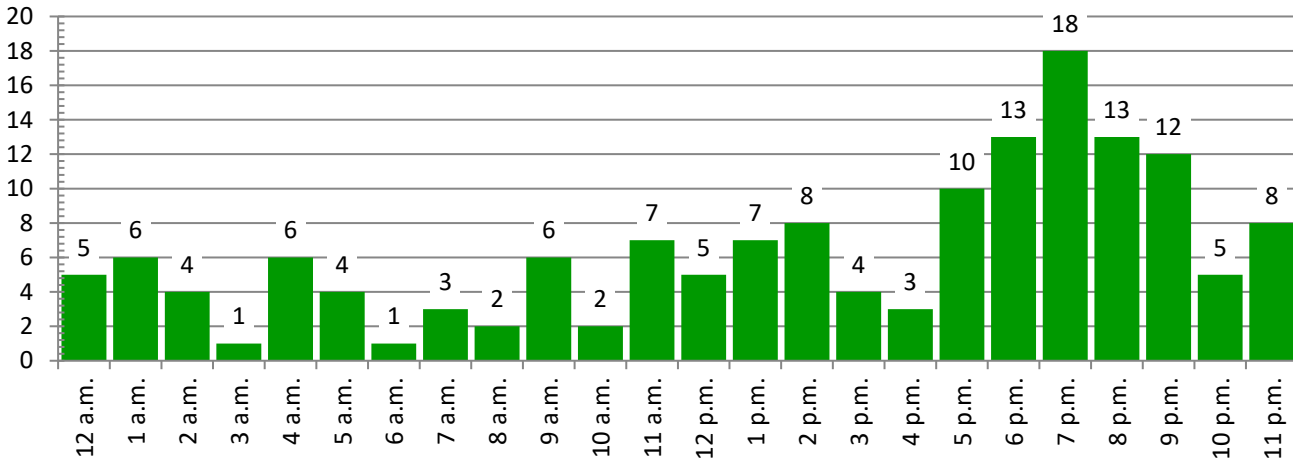
	Current Month	2024 Total
<b>Work Zones Communication</b>	<b>Total Construction Calls</b>	
Construction related activities or communication that is outside of planned incidents.	2,508	9,958

	Current Month	2024 Total
<b>DMS Messages</b>	<b>Total Messages</b>	
All changes to DMS are logged and reviewed.	35,892	134,657

	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.	815	7,522

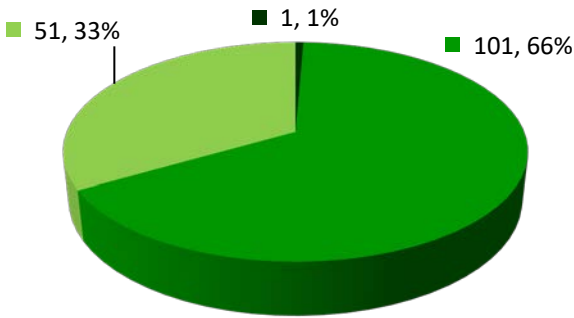
	Current Month	2024 Total
<b>Storm Desk Activations</b>	<b>Total Storm Desk Activations</b>	
The TSMO Storm Desk is activated during storm events. The Storm Desk is utilized as a single point of contact to stakeholders.	0	5

# 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.

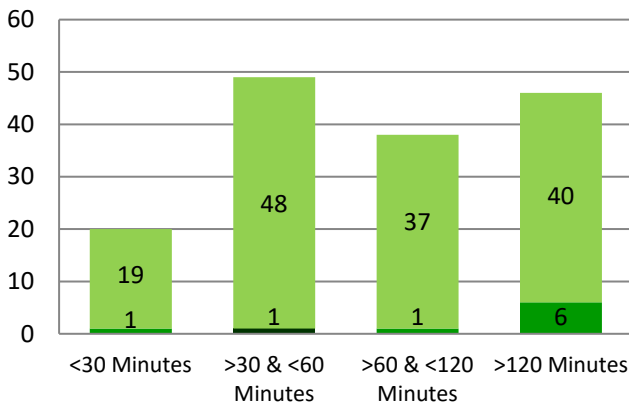
**Partial Closure:** Only a part of the roadway was closed.

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

■ No Closure ■ Partial Closure ■ Full Closure

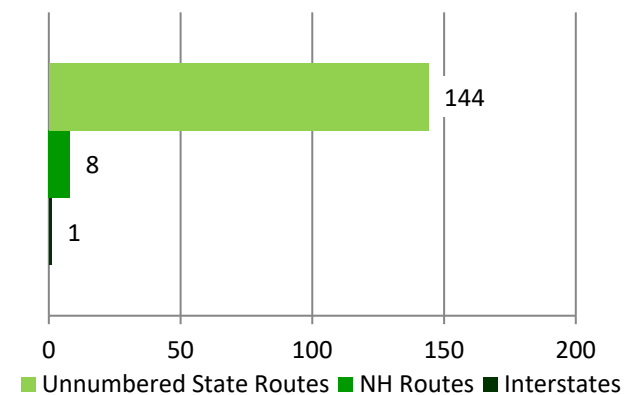
## Current Month - Incident Duration

This graph shows the duration history of incidents.

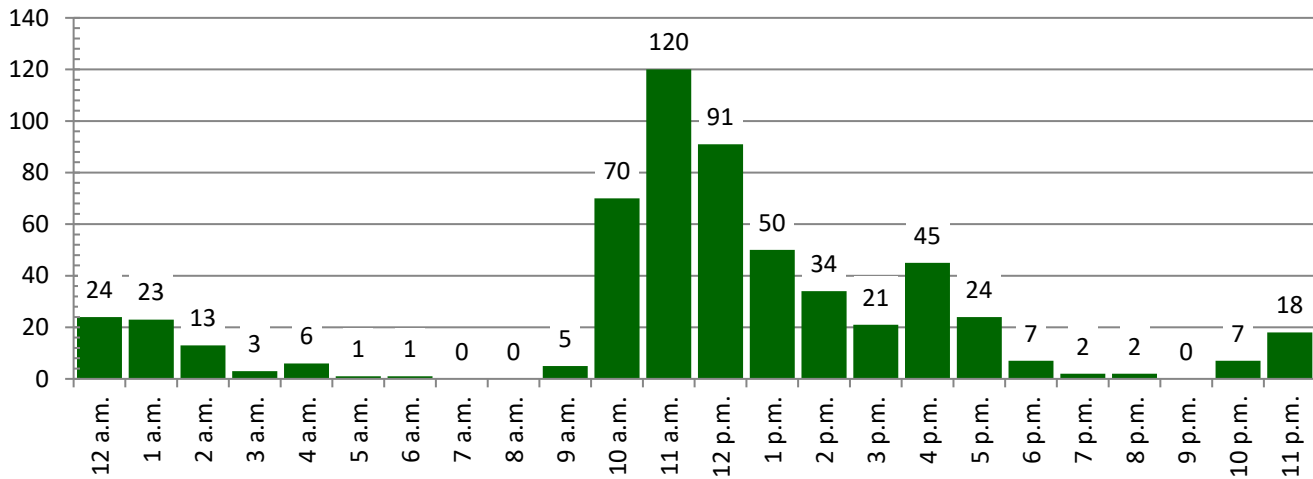


## Current Month - Incident by Road

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

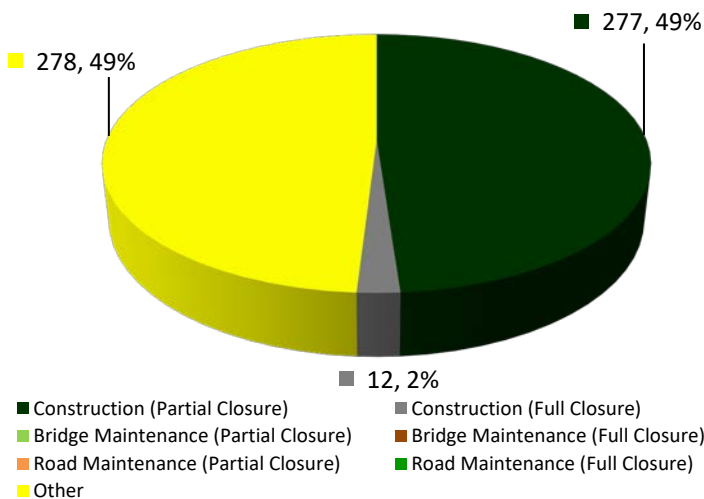


# Planned Events



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

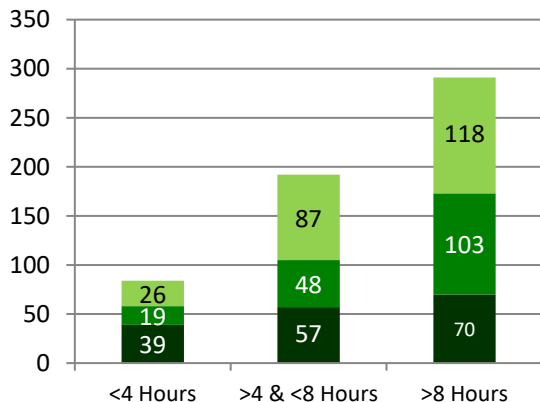


This graph shows the type of incident totals for the month.

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.

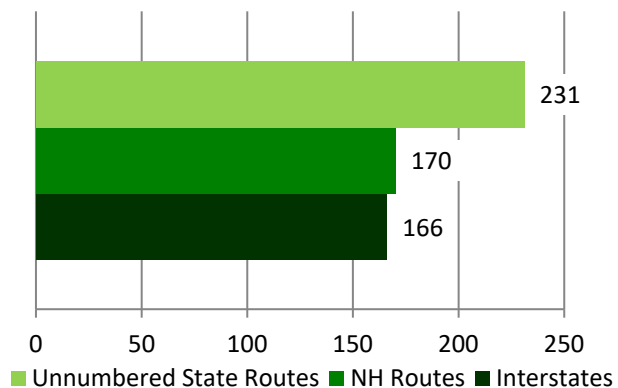
## Current Month - Incident Duration

This graph shows the duration history of incidents.



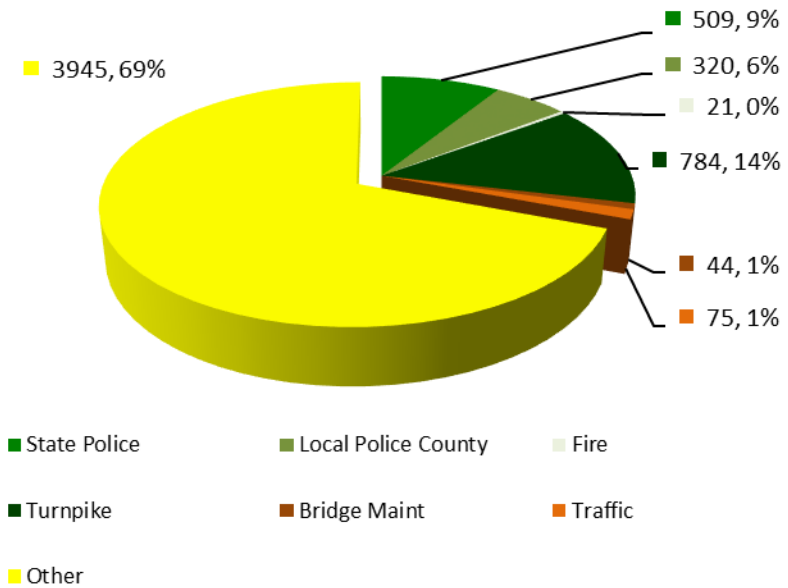
## Current Month - Incident by Road

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



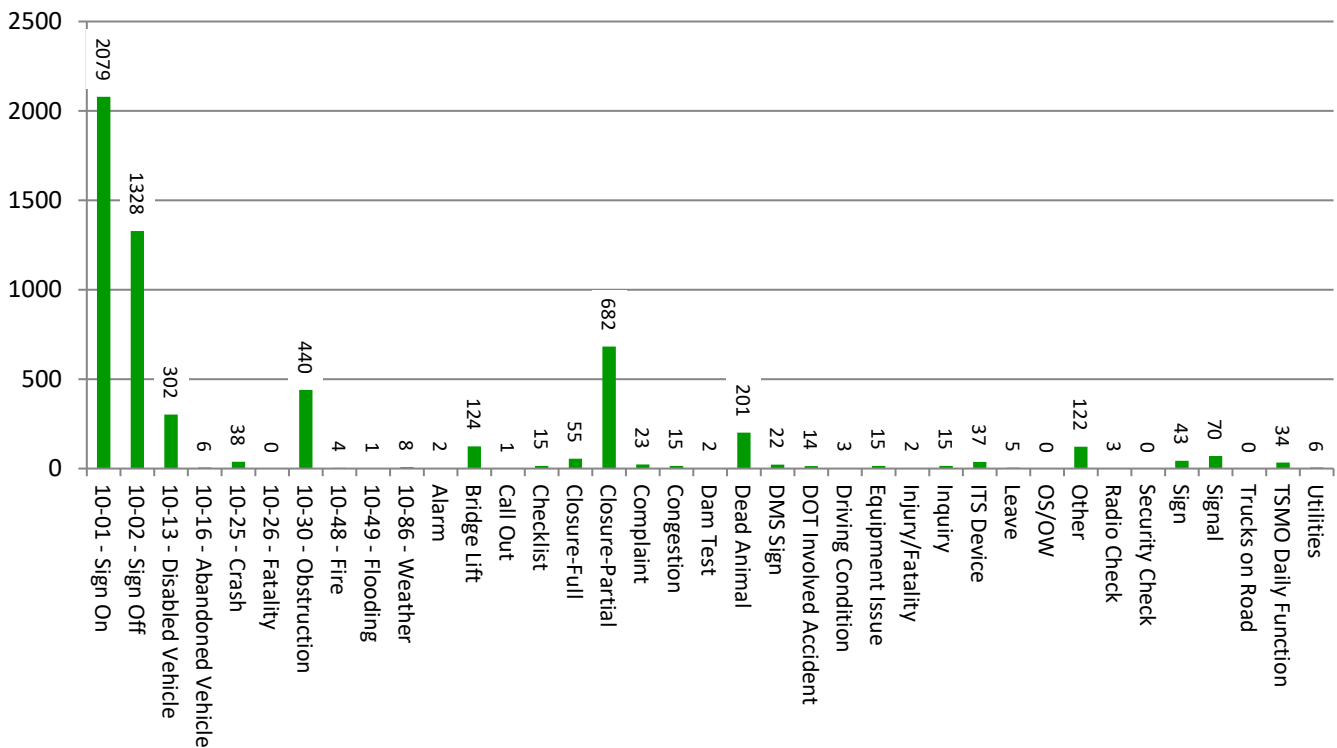
## Current Month - Calls by Type

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



## Log Entries by Type

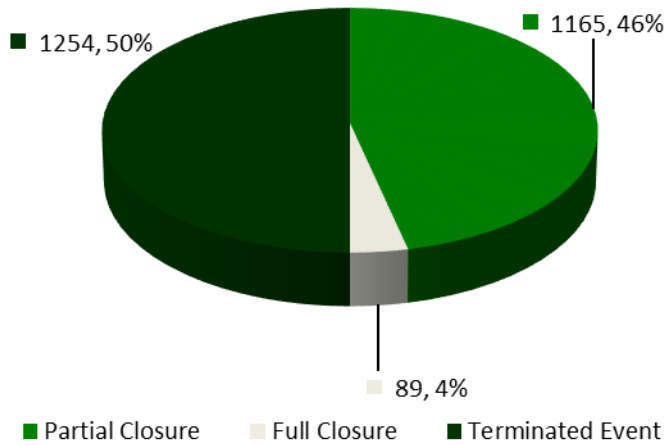
This graph shows the amount of log entries by type that TMC Operators have input into the Compass ATMS for the current month.



# Work Zone Communication

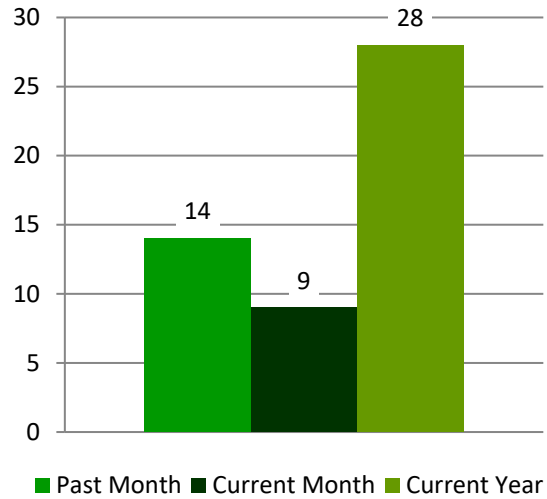
## Current Month – Construction Calls

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

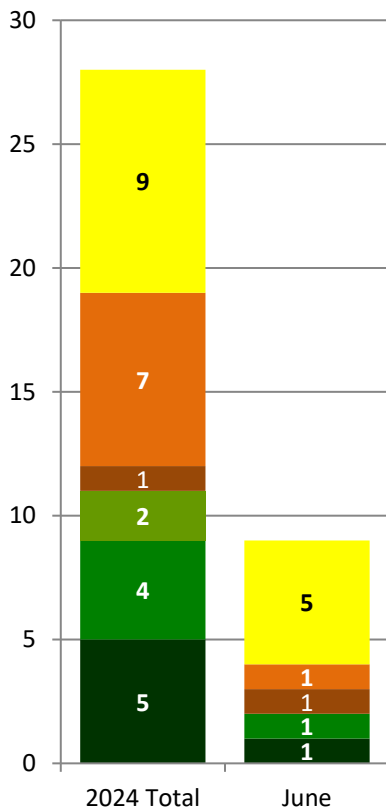


## Incidents Occurring in Work Zones

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

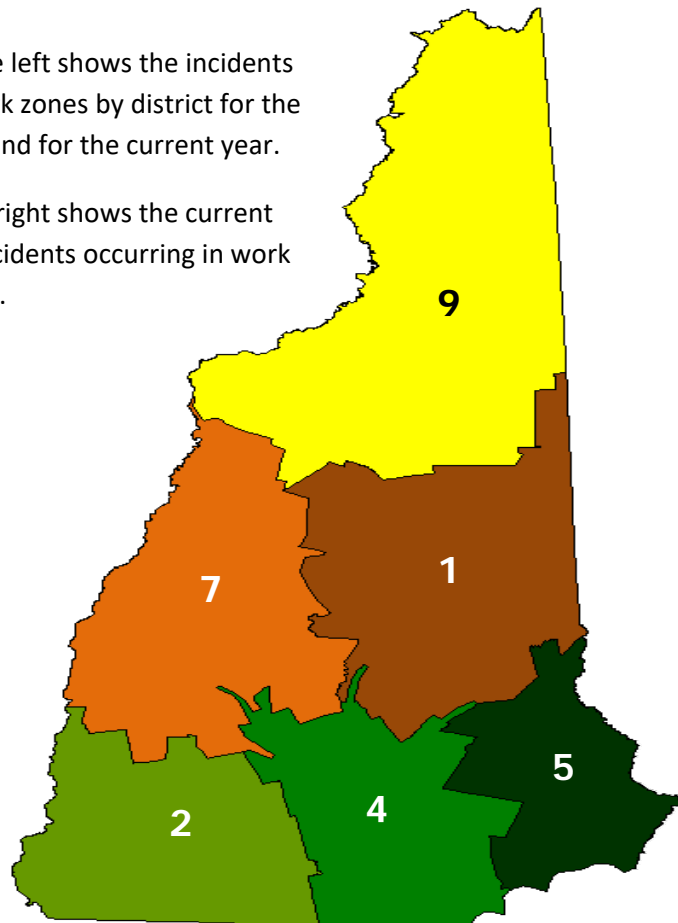


## Incidents Occurring in Work Zones by Location



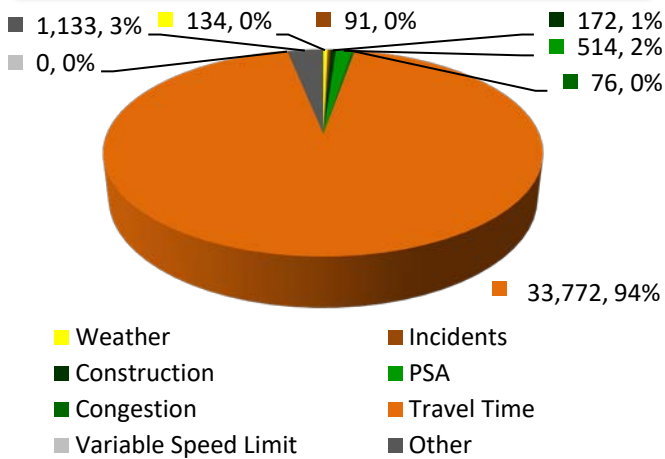
The graph to the left shows the incidents occurring in work zones by district for the current month and for the current year.

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

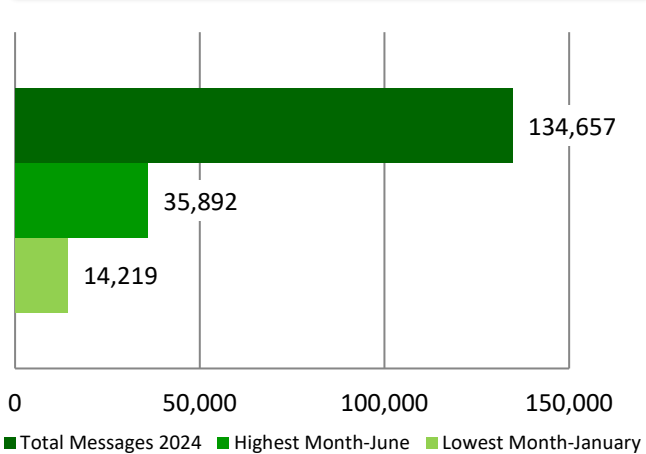


# DMS Messages

### Current Month - Messages by Type



### Total Messages - 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

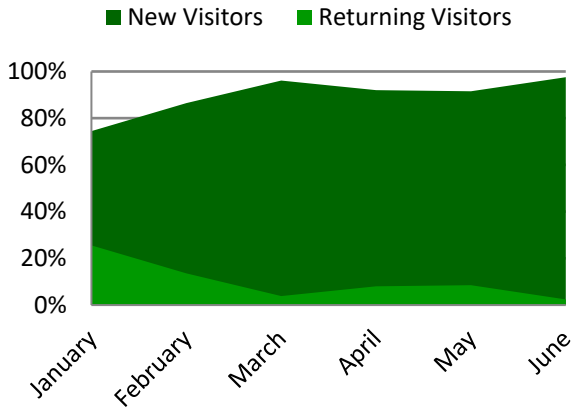
ST S 3.4 FSDT	7554	93N 82.6 FSV3	20	89 S 32.5 PSV2 - SWZ - M05	3
89S 3.4 FSV5	6522	93N 76.4 FSV3	19	101 W 62.5 FSV5	2
ST N 1.0 FSAT	3852	93S 48.0 FSV5	19	101 W 88 PSV6	2
93S 27.8 FSDT	3821	89N 18.4 FSS5	18	293 S 5.1 PSVT - SWZ - M05	2
ST S 7.8 FSAT	3662	95 S 6.6 PSVT	18	393 W 1.9 PSV5	2
293N 8.8 FSPT	2773	WA W 0.5 FSST	18	89 N 23.7 PSV2 - SWZ - M02	2
93N 23.4 FSD5	2238	4 W 98.9 FSS6	16	89 S 31.0 PSV2 - SWZ - M09	2
95S 15.4 FSDT	675	93 N 19.6 PSST - SWZ - M-02	16	91 N VT 69.1 PSV VT - SWZ - M06	2
93S 23.4 FSD5	574	89S 57.7 FSS2	15	91 S VT 70.6 PSV VT - SWZ - M04	2
93 N 7.5 FSD5	545	93S 32.5 FSVT	15	93 SM 10.7 VSL SE 5	2
95N 0.4 FSVT	450	95N 4.8 PSVT	15	95 N 0.5 FSD MTA	2
89S 10.8 FSV5	382	4E 92.4 FSS6	14	RW W 0.7 PSVT - SWZ - M-04	2
95N 3.0 FSDT	300	89N 35.5 FSV2	13	ST N 4.3 PSVT - SWZ - M01	2
ST S 24.4 FSVT	283	FEE N 14.0 PSVT - SWZ - M-02	13	ST N 5.0 PSVT - SWZ - M02	2
93 N 0.5 FSDT	252	FEE N 9.0 PSVT - SWZ - M-03	13	ST S 6.6 PSVT - SWZ - M03	2
95S 7.6 FSDT	230	89 S 58.7 PSV2 - SWV - M07	12	89 N 57.3 FSS 2	1
89N 1.8 FSV5	206	95S 7.2 PSVT	12	93 N 12.4 VSL SE 5	1
93S 7.2 FSD5	158	FEE S 17.5 FSVT - SWZ - M-01	11	93 NM 12.4 VSL SE 5	1
ST S 18.25 PSVT - SWZ - M07	93	ST N 7.0 SKVT	11	93 S 10.7 VSL SE 5	1
ST N 16.7 PSVT - SWZ - M05	79	89S 55.0 PSV2	10	95 N 16.1 BOS DA T	1
293S 4.8 FSDT	59	95 SM 7.2 PSVT	10	95MN 12.8 PSVT	1
93S 39.0 FSV5	59	101 E 53.4 PSVT - SWZ - M07	8	ST S 19.25 PSVT - SWZ - M08	1
FEE N 1.2 FSVT	56	101 W 62.4 PSST - SWZ - M04	8	ST S 6.9 PSVT - SWZ - M04	1
101 E 52.8 FSV5	46	95S 3.4 FSPT	7		
93S 85.4 FSV3	45	101 W 54.3 PSVT - SWZ - M06	6		
93S 117.6 FSA1	44	ST S 11.6 FSAT	6		
93N 36.2 FSVT	43	101 E 74.8 FSV6	5		
93N 99.6 FSA3	43	89 S VT 0.9 PSV VT - SWZ - M05	5		
293S 1.4 FSD5	41	ST N 16.2 PSVT - SWZ - M06	5		
FEE S 3.8 FSDT	40	101 W 60.7 PSST - SWZ - M05	4		
93N 32.9 FSST	39	89 N 26.4 PSV2 - SWZ - M03	4		
FEE S 8.6 FSPT	38	89 N 57.2 PSV2 - SWZ - M02	4		
4E 98 FSA6	36	89 N 59.8 PSV2 - SWZ - M03	4		
93S 36.5 FSST	32	93 N 22.7 PSST - SWZ - M01	4		
93S 68.8 FSV3	32	93S 122.2 FSV1	4		
95N 14.8 FSDT	31	93S 43.3 PSV5	4		
89 N 56.8 PSV2 - SWZ - M01	28	89 N 23.2 PSV2 - SWZ - M01	3		
93 N 17.4 PSST - SWZ - M03	24	89 N 28.4 PSV2 - SWZ - M08	3		
93N 57.6 FSS3	24	89 N 30.2 PSV2 - SWZ - M04	3		
89N 54.9 FSS2	22	89 S 28.0 PSV2 - SWZ - M07	3		
ST N 4.4 FSST	21	89 S 31.9 PSV2 - SWZ - M06	3		



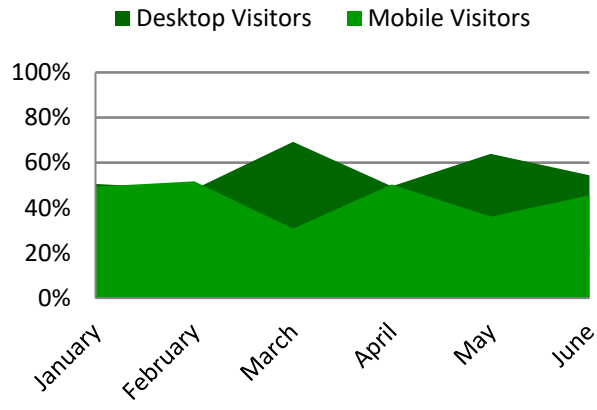
# Public Outreach

## 815 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.



26,453 Total NewEngland511 Accounts

### www.NewEngland511.org Notifications

