

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

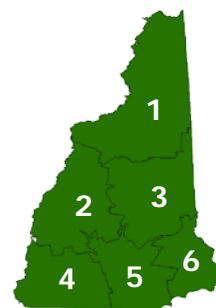
NH Department of Transportation's Mission

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

	2018 Total	2019 Total
CCTV cameras are used to pinpoint and monitor traffic events so that information can be disseminated quickly and accurately.	97	99

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



Dynamic Message Signs (DMS)

	2018 Total	2019 Total
DMS aid in sending messages to motorists to inform them of traffic events that may be impacting their route ahead.	56	57
¹ Additional DMS that TSMO uses during the winter season.	16 ¹	15 ¹
² TSMO is responsible for an additional ~20 DMS for the department.	20 ²	20 ²

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

¹ Additional DMS that TSMO uses during the winter season.

² TSMO is responsible for an additional ~20 DMS for the department.



Road Weather Information System (RWIS)

	2018 Total	2019 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.	24	24

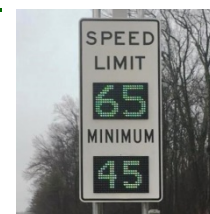
A RWIS collects and displays data from a network of pavement and atmospheric sensors to provide site-specific weather and pavement surface condition information.



Variable Speed Limit Sign (VSL)

	2018 Total	2019 Total
VSL are speed limits that change based on road, traffic, and weather conditions.	20	20

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



Motor Vehicle Detection System (MVDS)

	2018 Total	2019 Total
MVDS are sensors that collect speed and volume data.	7	7

MVDS are sensors that collect speed and volume data.



Summary

	Current Month	2019 Total
Unplanned Incidents	Total Incidents	
Operators log information about each unplanned incident including date/time, location, traffic impact, and duration.	143	526

	Current Month	2019 Total
Planned Incidents	Total Planned Incidents	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	84	178

	Current Month	2019 Total
Communication	Total Calls	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	3,205	10,148

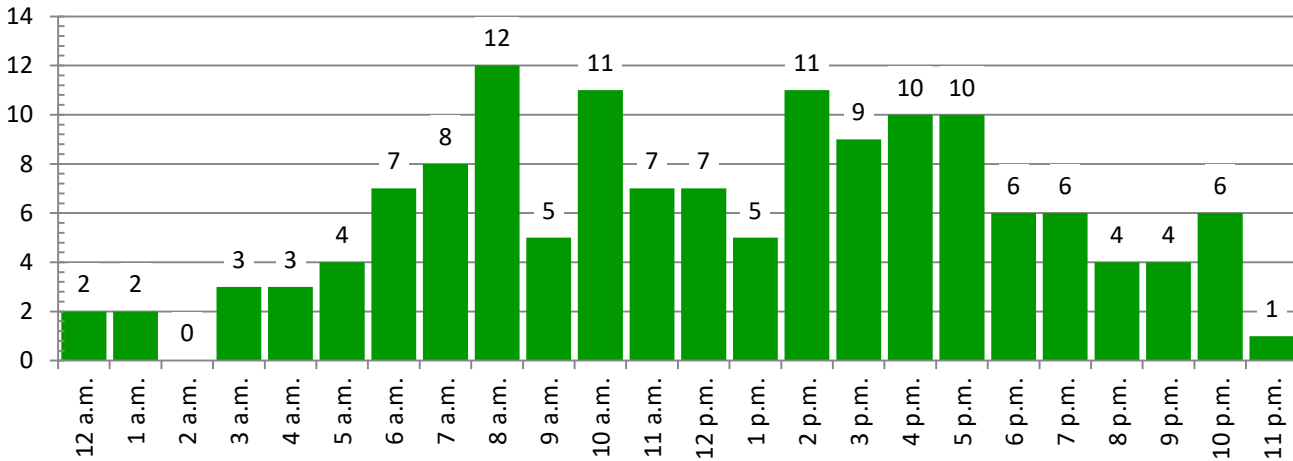
	Current Month	2019 Total
Work Zones Communication	Total Construction Calls	
Construction related activities or communication that's outside of planned incidents.	748	2,246

	Current Month	2019 Total
DMS Messages	Total Messages	
All changes to DMS are logged and reviewed.	16,479	50,101

	Current Month	2019 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.	1,576	4,898

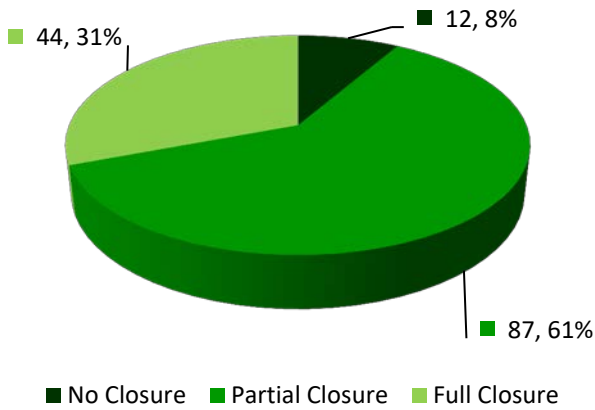
	Current Month	2019 Total
Storm Desk Activations	Total Storm Desk Activations	
The TSMO Storm Desk is activated during storm events. The Storm Desk is utilized as a single point of contact to stakeholders.	0	3

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



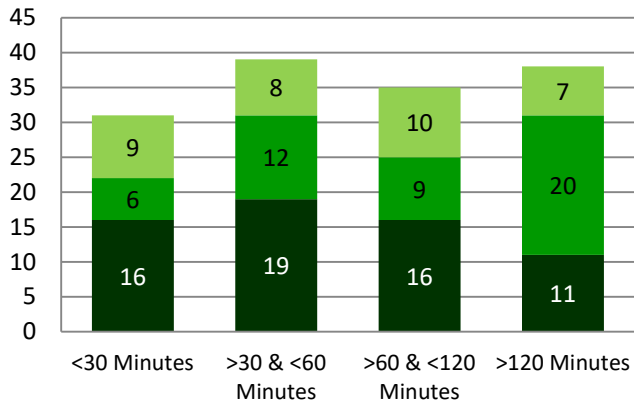
This graph shows the type of incident totals for the month.

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.

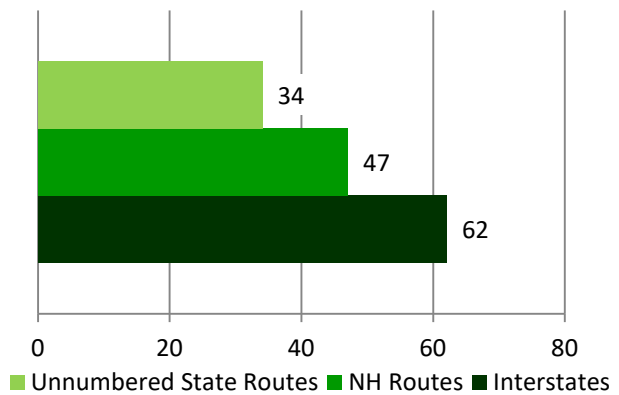
Current Month - Incident Duration

This graph shows the duration history of incidents.

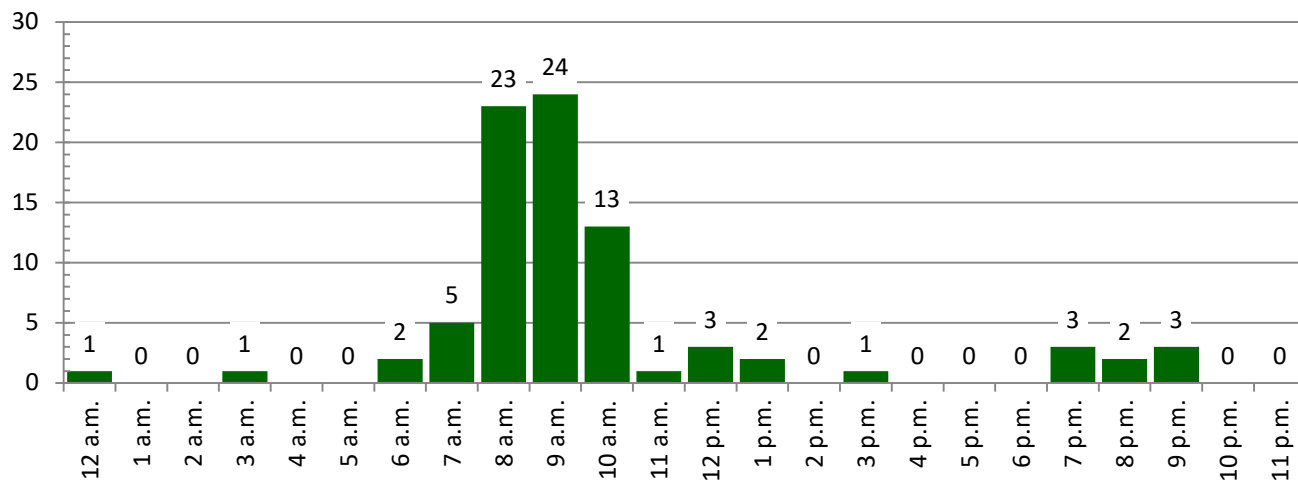


Current Month - Incident by Road

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

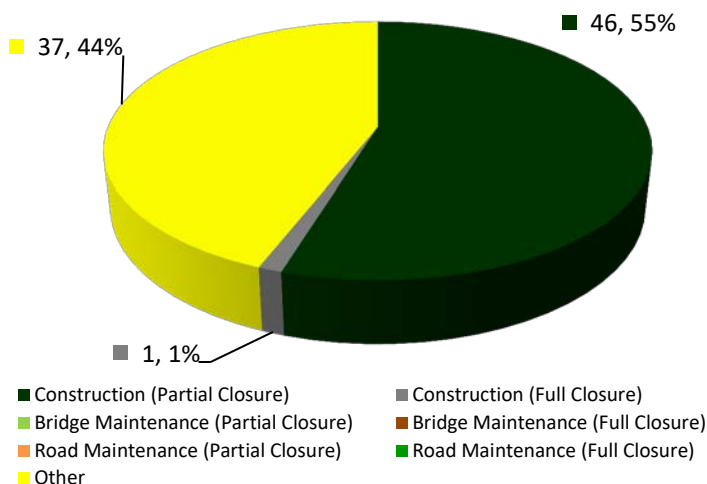


Planned Events



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

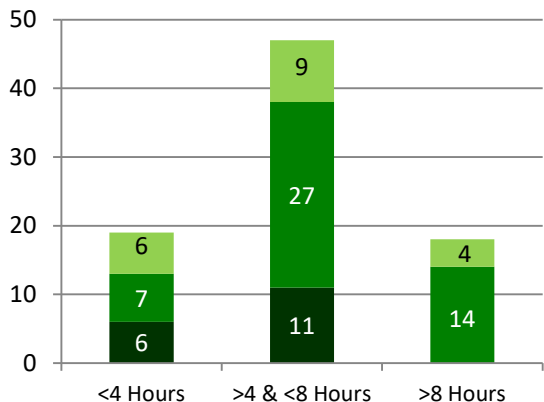


This graph shows the type of incident totals for the month.

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.

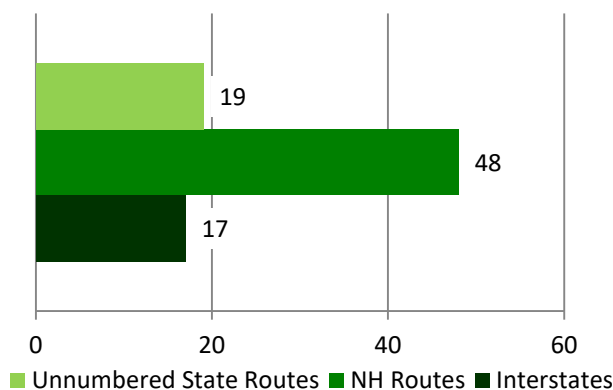
Current Month - Incident Duration

This graph shows the duration history of incidents.



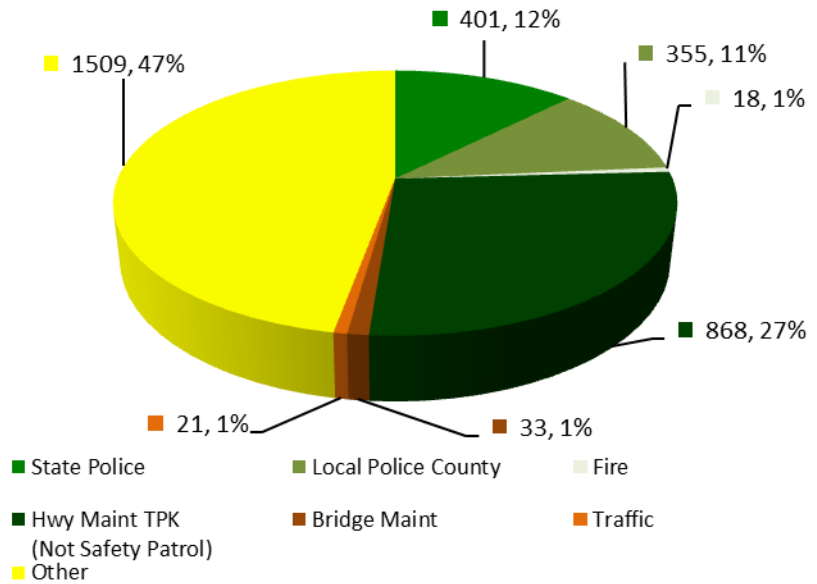
Current Month - Incident by Road

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



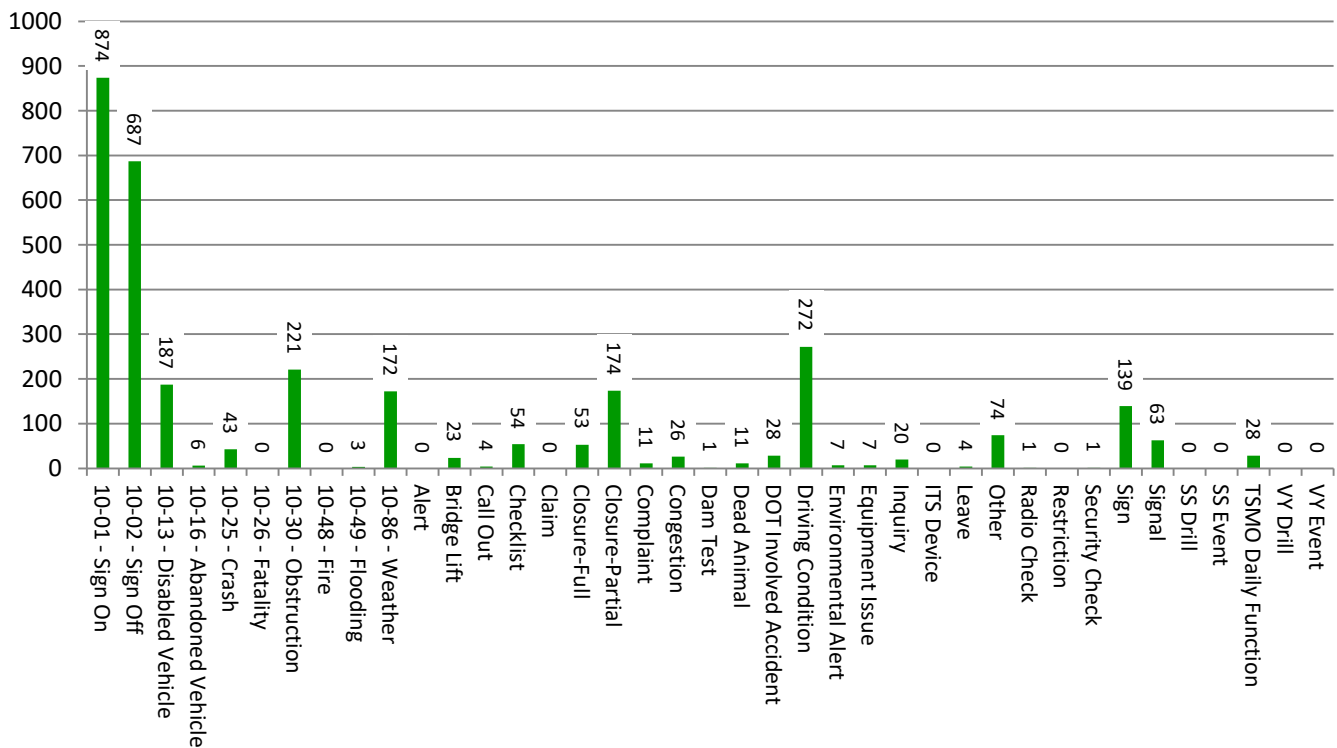
Current Month - Calls by Type

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



Log Entries by Type

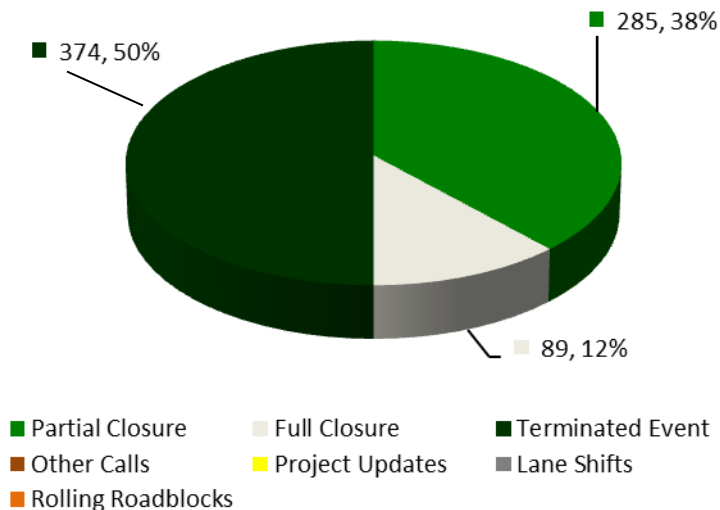
This graph shows the amount of log entries by type that TMC Operators have entered into the Compass ATMS for the current month.



Work Zone Communication

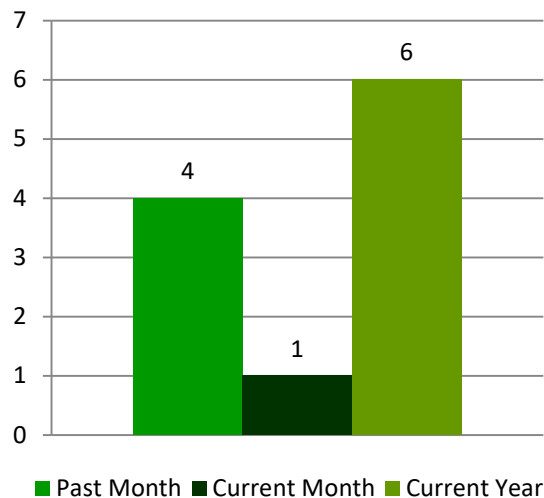
Current Month – Construction Calls

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

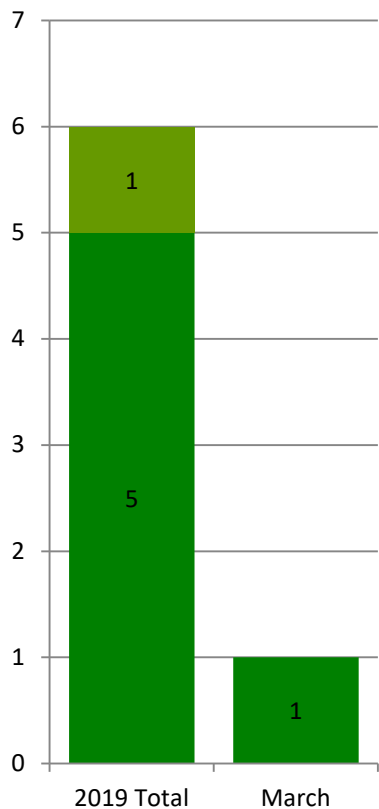


Incidents Occurring in Work Zones

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

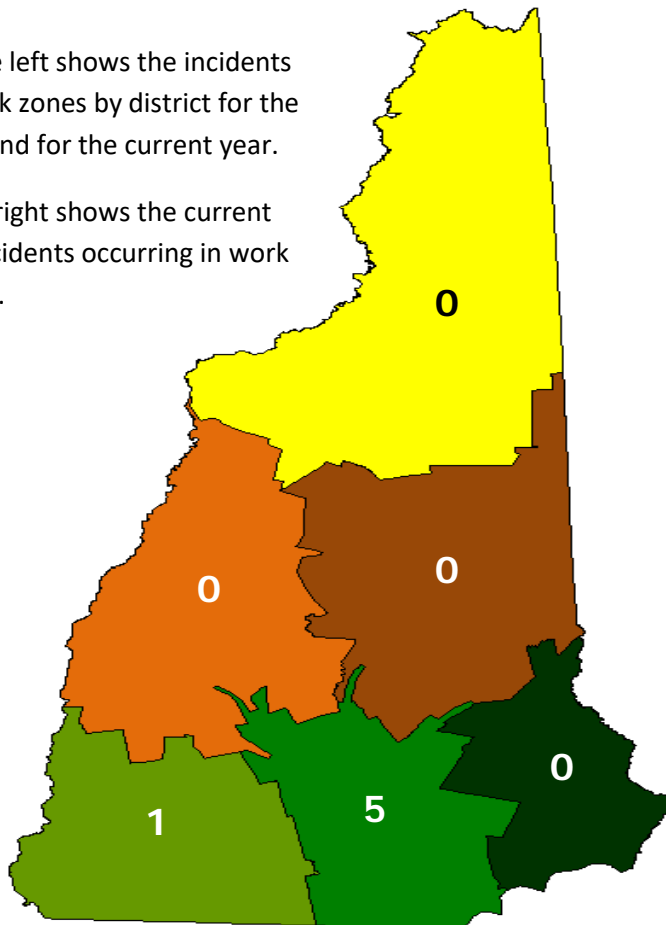


Incidents Occurring in Work Zones by Location



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

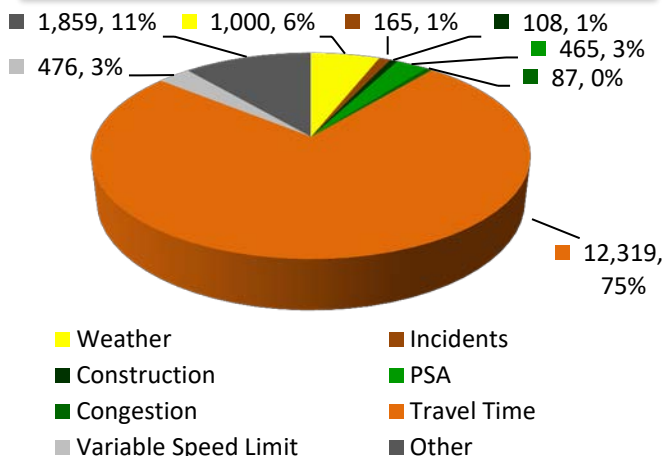
The map to the right shows the current year total for incidents occurring in work zones by district.



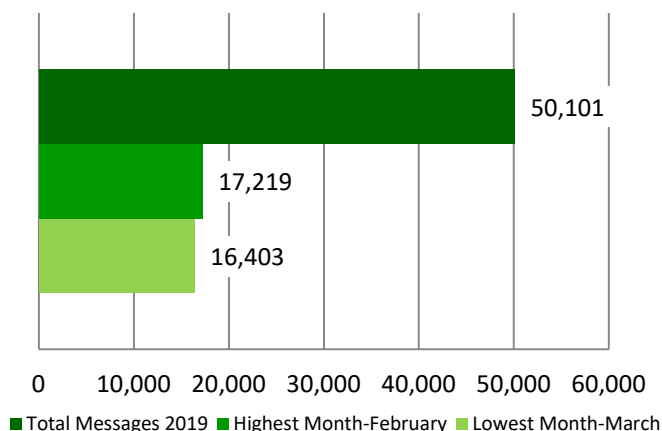
- District 6
- District 5
- District 4
- District 3
- District 2
- District 1

DMS Messages

Current Month - Messages by Type



Total Messages - 2019



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.

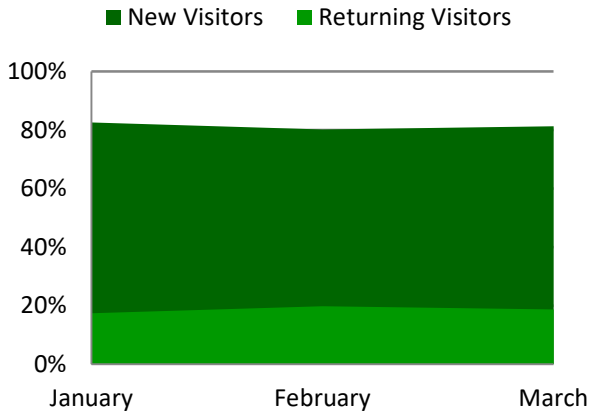
Current Month - Total Messages Posted by Board

101 E 52.2 PCMS - SWZ M05	19	93 SM 19.8 VSL D 5	25	95N 14.8 FSDT	43
101 W 100.5 VSL D 5	25	93 SM 2.2 VSL D 5	25	95N 3.0 FSDT	130
101 WM 100.5 VSL D 5	25	93 SM 5.2 VSL D5	25	95S 15.4 FSDT	135
101E 102 PSP5	16	93N 0.0 PCMS - SWZ M01	646	95S 3.4 FSPT	19
101E 114.8 FSV6	153	93N 0.3 FSD5	574	95S 7.6 FSDT	129
101E 130 FSA6	200	93N 1.35 PCMS - SWZ M07	610	FEE N 1.2 FSVT	618
101E 53.4 FSV5	111	93N 10.95 PCMS - SWZ M04	437	FEE N 16.2 PCMS - SWZ M03	84
101W 102.6 FSV5	47	93N 14.8 PCMS - SWZ M05	359	FEE N 18 PCMS - SWZ M02	6
101W 115 PSP5	18	93N 16.0 VSL D5	25	FEE N 18.8 FSVT	127
101W 128 PSV6	33	93N 16.0 VSL D5 Median	25	FEE N 5.2 PSVT	59
293 N 0.9 PCMS - SWZ M04	43	93N 2.6 PCMS - SWZ M03	602	FEE S 17.8 PSVT	51
293 S 1.4 VSL D 5	26	93N 23.4 FSD5	299	FEE S 8.6 FSPT	29
293 S 3.8 PCMS - SWZ M01	1	93N 32.4 FSVT	56	ST N 1.0 FSAT	786
293N 8.8 FSPT	333	93N 36.2 FSVT	56	ST N 19.2 PSVT	36
293S 1.4 FSD5	85	93N 43.8 PSP5	17	ST S 11.6 FSA6	176
293S 2.2 PCMS - SWZ M06	176	93N 57.6 FSS3	29	ST S 24.4 FSVT	299
293S 4.8 FSVT	53	93N 7.2 FSD5	622	ST S 3.4 FSDT	1,657
393 W 1.9 PSV5	18	93N 76.4 FSV3	27	ST S 34.4 PSVT	36
4E 92.4 FSS6	20	93N 99.6 FSA3	14	ST S 7.8 FSAT	883
4E 98 FSA6	19	93S 117.6 FSA1	19	WA W 0.5 FSST	17
89N 1.8 FSV5	158	93S 122.2 FSV1	13		
89N 18.4 FSV5	303	93S 13.8 PCMS - SWZ M11	232		
89N 28.8 PSP2	19	93S 14.4 VSL D5	25		
89N 35.5 FSV2	45	93S 14.4 VSL D5 Median	23		
89N 43.8 PSV2	28	93S 15.85 PCMS - SWZ M12	310		
89N 54.9 FSS2	16	93S 2.6 PCMS - SWZ M08	168		
89S 10.8 FSV5	218	93S 20.1 PCMS - SWZ M13	334		
89S 3.4 FSV5	389	93S 23.4 FSD5	386		
89S 31.4 PSP5	50	93S 27.8 FSDT	1,097		
89S 42.6 PSV2	24	93S 32.4 FSVT	56		
89S 55.0 PSV2	23	93S 36.0 PSVT	70		
89S 57.7 FSS2	141	93S 39.0 FSV5	81		
93 N 0.3 VSL D 5	25	93S 43.3 PSV5	18		
93 N 2.35 VSL D 5	25	93S 48.0 FSV5	49		
93 N 3.8 VSL D5	25	93S 5.2 PCMS - SWZ M09	184		
93 N 6.6 VSL D5	25	93S 57.6 PSP5	19		
93 NM 2.35 VSL D 5	25	93S 68.8 FSV3	38		
93 NM 3.8 VSL D5	26	93S 7.2 FSD5	198		
93 NM 6.6 VSL D5	25	93S 85.4 FSV3	46		
93 S 2.2 VSL D 5	26	95N 0.4 FSVT	208		
93 S 5.2 VSL D5	25	95N 13.0 FSVT	50		

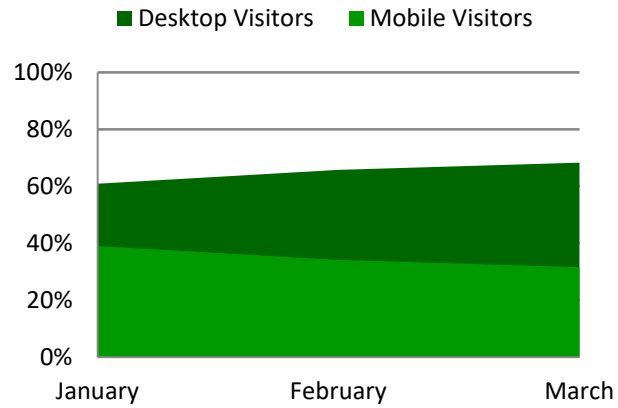
Public Outreach

1,576 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.



37,945 Total Twitter Followers

