

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

NH Department of Transportation's Mission

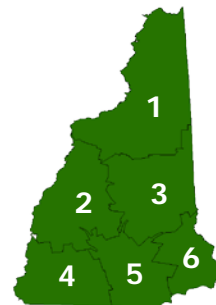
Transportation excellence enhancing the quality of life in New Hampshire.

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

2017 Total 2018 Total

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

91 97



Dynamic Message Signs (DMS)

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

52 56
16¹ 16¹
20² 20²



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)

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

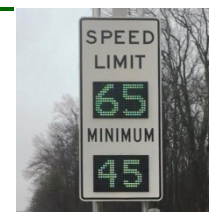
24 24



Variable Speed Limit Sign (VSL)

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

19 20



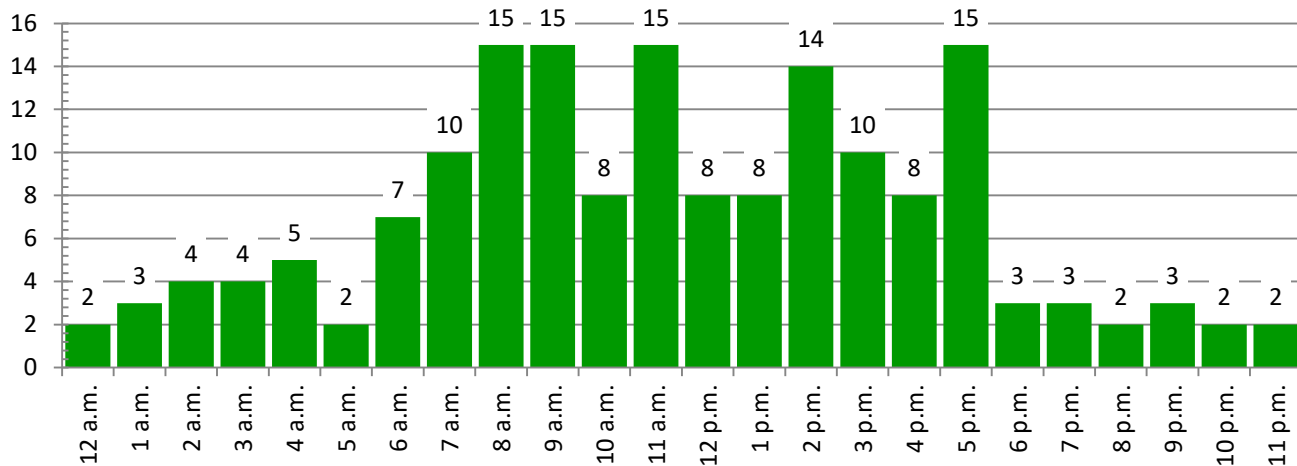
Motor Vehicle Detector Sensors (MVDS)

MVDS are sensors that collect speed and volume data.

5 7

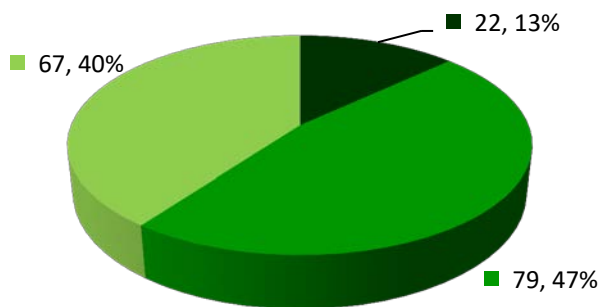


Unplanned Incidents



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.

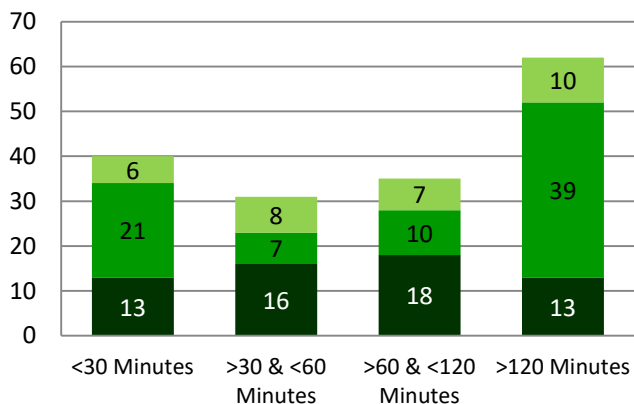
Partial Closure: Only a part of the roadway was closed.

Full Closure: All lanes were closed during the incident.

■ No Closure ■ Partial Closure ■ Full Closure

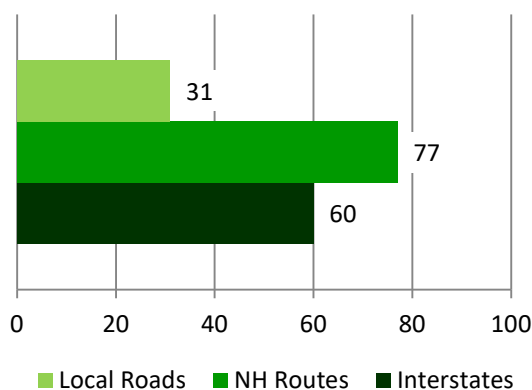
Current Month - Incident Duration

This graph shows the duration history of incidents.

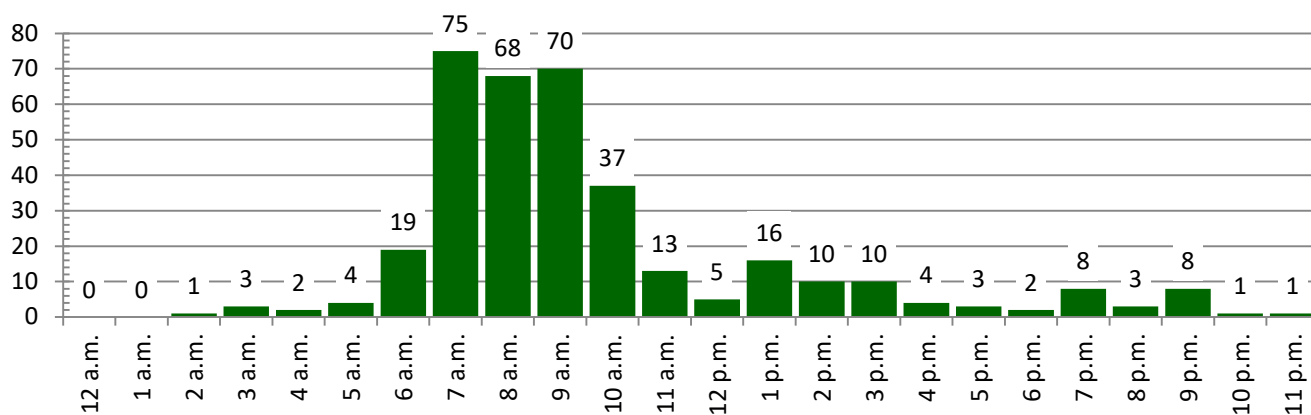


Current Month - Incident by Road

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

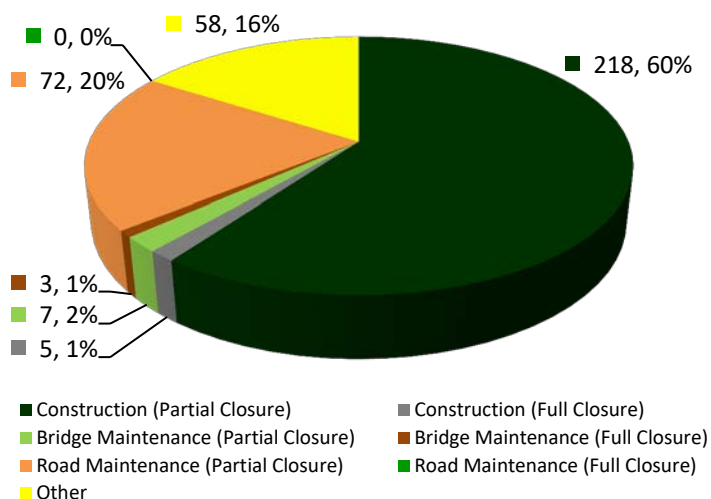


Planned Events



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

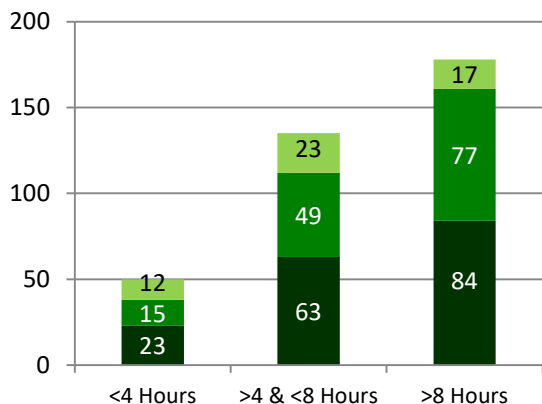


This graph shows the type of incident totals for the month.

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.

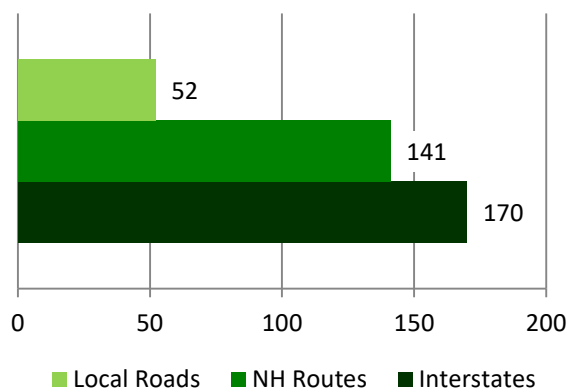
Current Month - Incident Duration

This graph shows the duration history of incidents.



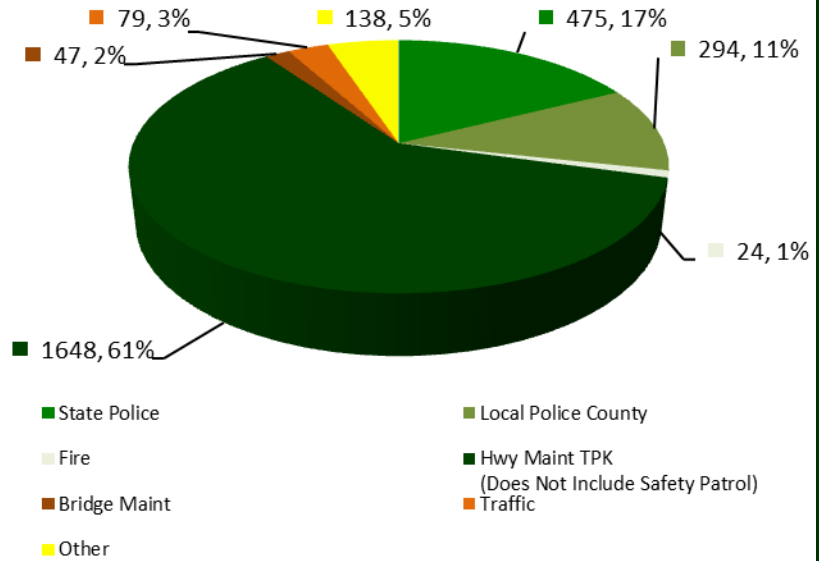
Current Month - Incident by Road

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



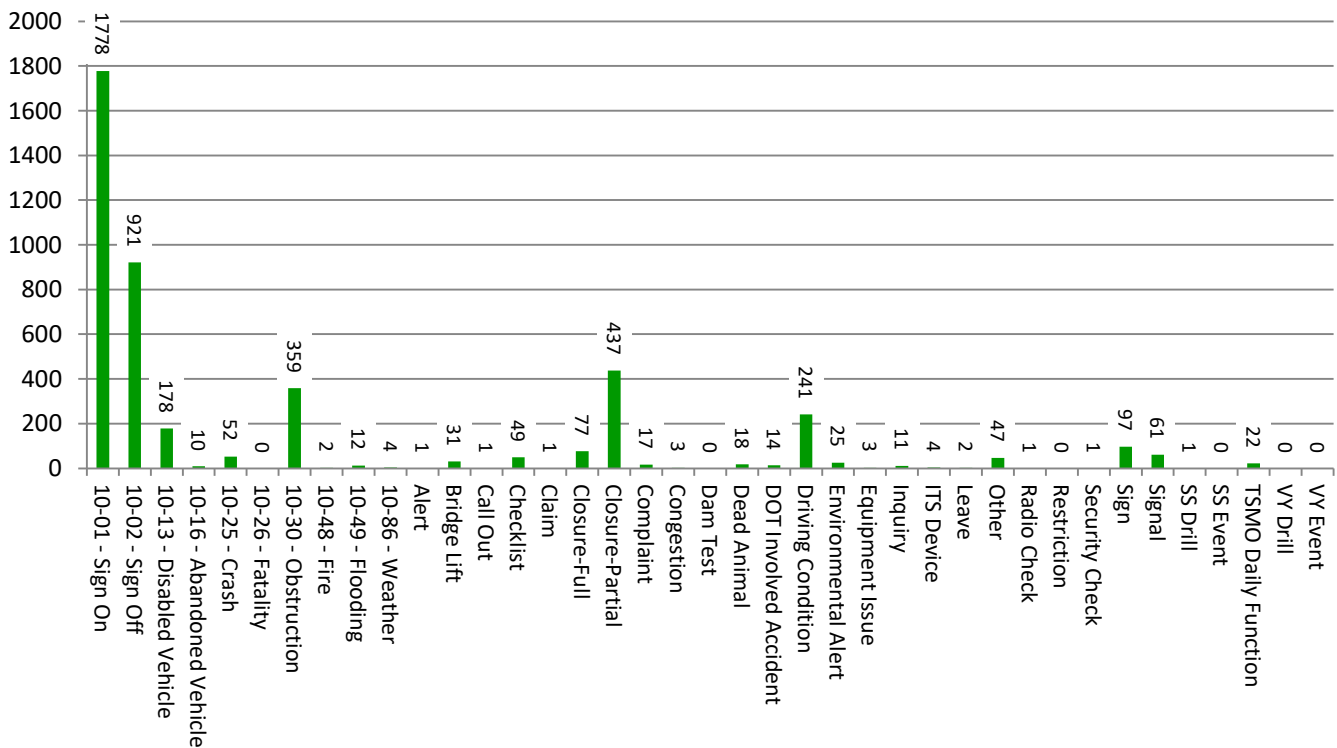
Current Month - Calls by Type

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



Log Entries by Type

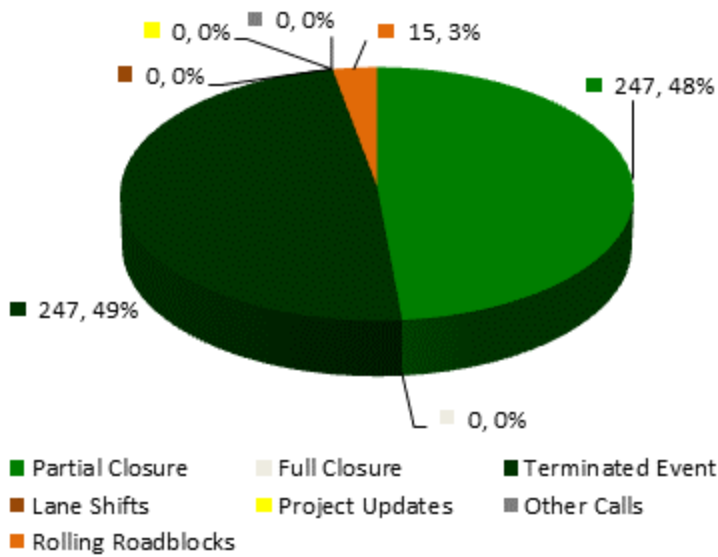
This graph shows the amount of log entries by type that TMC Operators have entered into the Compass ATMS for the current month.



Work Zone Communication

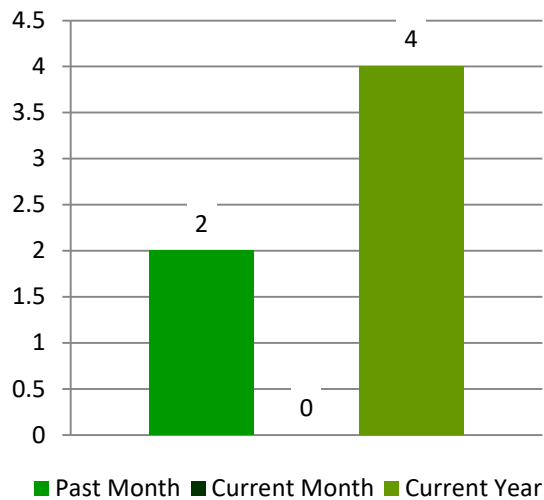
Current Month – Construction Calls

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

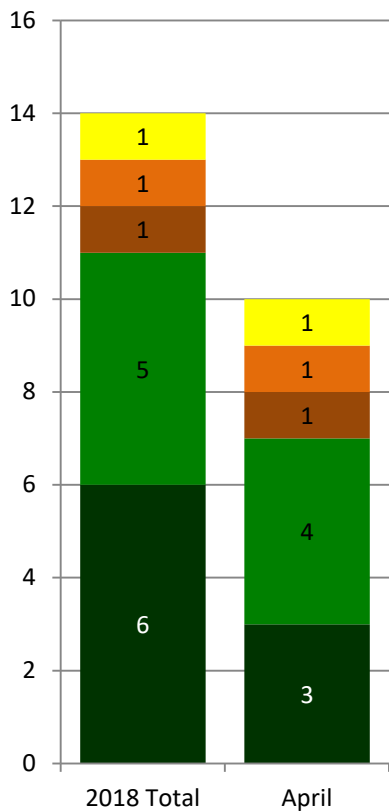


Incidents Occurring in Work Zones

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

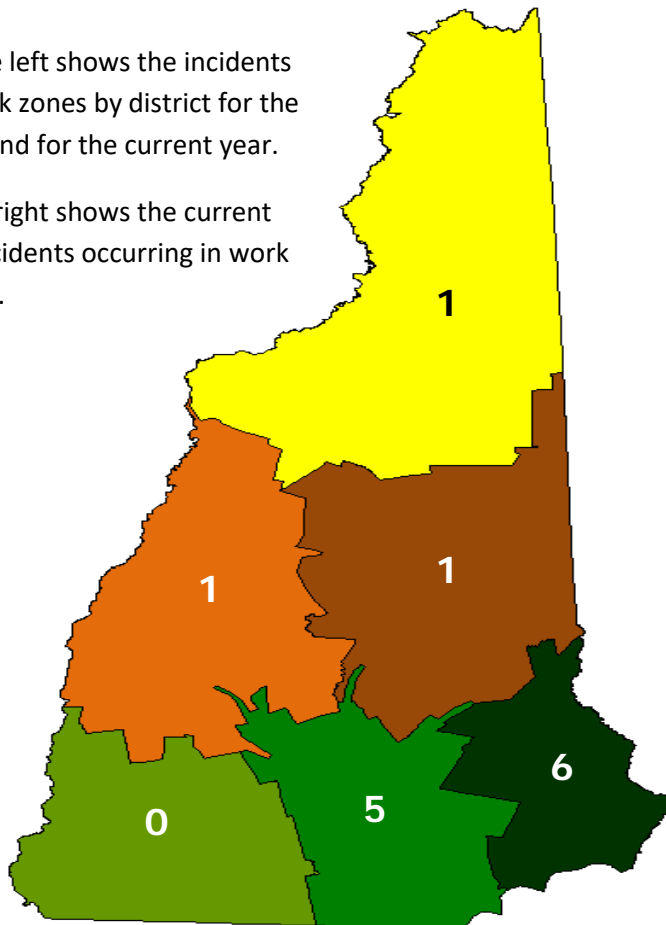


Incidents Occurring in Work Zones by Location



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

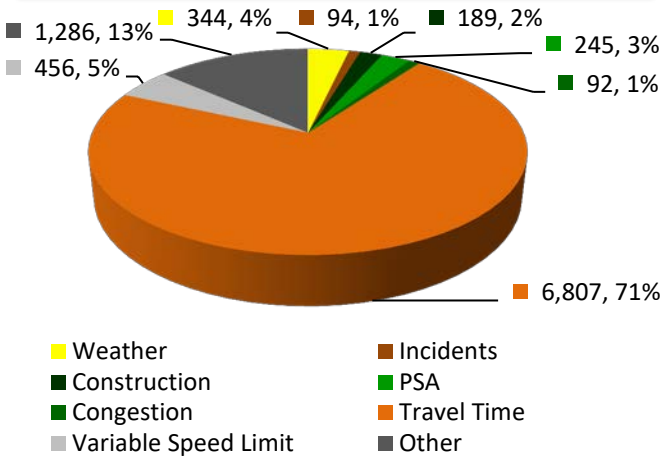
The map to the right shows the current year total for incidents occurring in work zones by district.



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

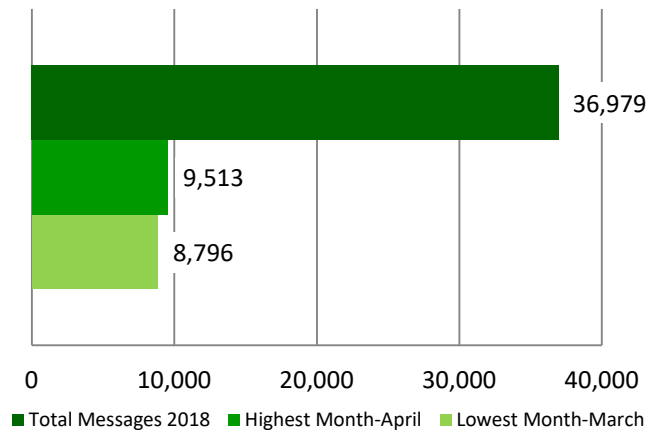
DMS Messages

Current Month - Messages by Type



This graph shows the type of message that were relayed to the public by being displayed on the DMS.

Total Messages - 2017



This graph shows the total messages that were posted to DMS for the year so far.

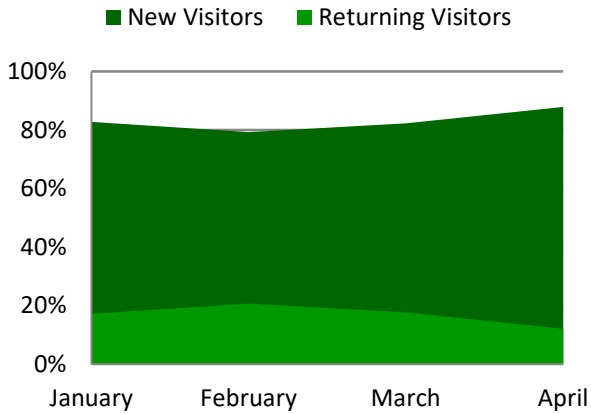
Current Month - Total Messages Posted by Board

101 W 100.5 VSL D 5	26	93 NM 2.35 VSL D 5	24	93S 68.8 FSV3	33
101 WM 100.5 VSL D 5	27	93 NM 3.8 VSL D5	21	93S 7.2 FSD5	189
101E 102 PSP5	20	93 NM 6.6 VSL D5	24	93S 85.4 FSV3	24
101E 114.8 FSV6	133	93 S 19.8 VSL D 5	25	93S 99.2 FSA3	17
101E 130 FSA6	142	93 S 2.2 VSL D 5	24	95N 0.4 FSVT	121
101E 53.4 FSV5	29	93 S 5.2 VSL D5	24	95N 13.0 FSVT	17
101W 102.6 FSV5	25	93 SM 19.8 VSL D 5	25	95N 14.8 FSDT	35
101W 115 PSP5	6	93 SM 2.2 VSL D 5	24	95N 3.0 FSDT	138
101W 128 PSV6	14	93 SM 5.2 VSL D5	24	95S 15.4 FSDT	159
293 S 1.4 VSL D 5	24	93N 0.3 FSD5	666	95S 3.4 FSPT	10
293N 8.8 FSPT	120	93N 16.0 VSL D5	23	95S 7.6 FSDT	145
293S 1.4 FSD5	61	93N 23.4 FSD5	215	FEE N 1.2 FSVT	632
393 W 1.9 PSV5	10	93N 32.4 FSVT	45	FEE N 16.2 PSVT	9
4E 98 FSA6	21	93N 36.2 FSVT	30	FEE N 18.8 FSVT	29
89N 1.8 FSV5	169	93N 43.8 PSP5	22	FEE N 5.2 PSVT	34
89N 18.4 FSV5	292	93N 57.6 FSV3	39	FEE S 17.8 PSVT	19
89N 28.8 PSV2	28	93N 7.2 FSD5	705	FEE S 8.6 FSPT	8
89N 35.5 FSV2	28	93N 82.6 FSV3	34	ST N 1.0 FSAT	499
89N 43.8 PSV2	31	93N 99.6 FSA3	14	ST N 19.2 PSVT	17
89N 55.0 PSV2	10	93S 117.6 FSA1	15	ST S 11.6 FSA6	255
89S 10.8 FSV5	275	93S 122.2 FSV1	20	ST S 24.4 FSVT	348
89S 3.4 FSV5	294	93S 14.4 VSL D5	24	ST S 3.4 FSDT	972
89S 31.4 PSP5	9	93S 14.4 VSL D5 Median	24	ST S 34.4 PSVT	16
89S 42.6 PSP2	16	93S 23.4 FSD5	353	ST S 7.8 FSAT	449
89S 55.0 PSV2	28	93S 27.8 FSDT	798		
89S 57.5 PSV2	35	93S 32.4 FSVT	35		
93 N 0.3 VSL D 5	24	93S 36.0 PSVT	36		
93 N 2.35 VSL D 5	24	93S 39.0 FSV5	27		
93 N 3.8 VSL D5	21	93S 43.3 PSV5	15		
93 N 6.6 VSL D5	24	93S 48.0 FSV5	17		

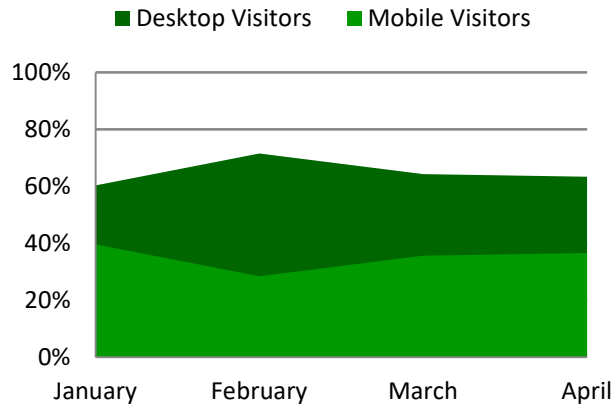
Public Outreach

Current Month - NHTMC Website

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.



34,474 Twitter Followers

