

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

NH Department of Transportation's Mission

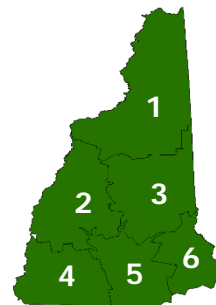
Transportation excellence enhancing the quality of life in New Hampshire.

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

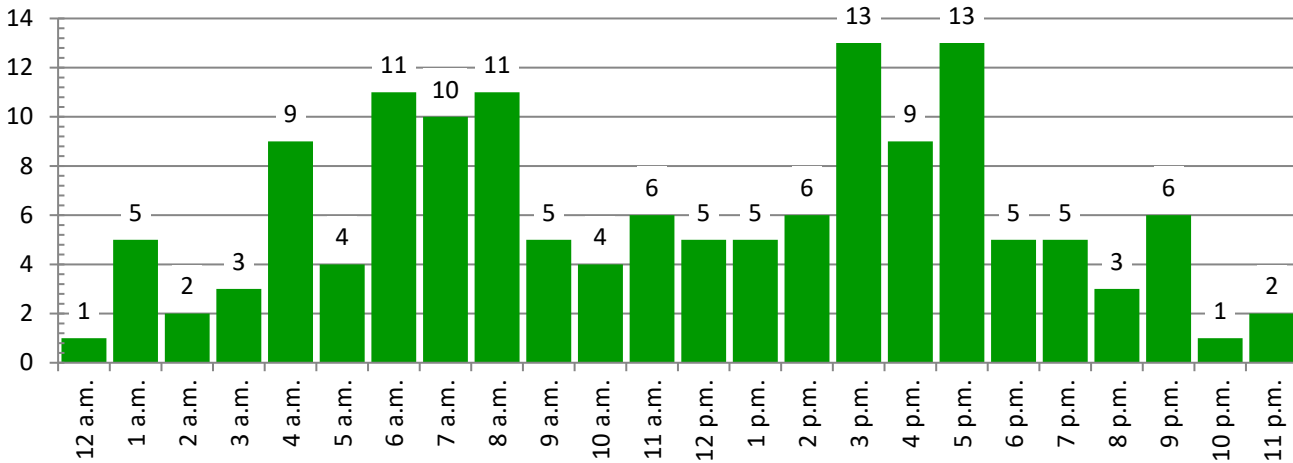
MVDS are sensors that collect speed and volume data.



Summary

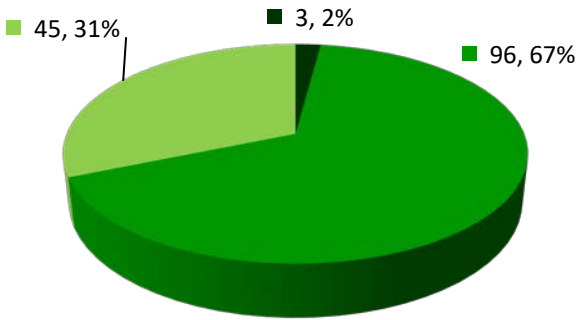
	Current Month	2023 Total
Unplanned Incidents		
	Total Unplanned Incidents	
Operators log information about each unplanned incident including date/time, location, traffic impact, and duration.	144	1,559
Planned Incidents		
	Total Planned Incidents	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	327	3,908
Communication		
	Total Calls	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	4,888	51,499
Work Zones Communication		
	Total Construction Calls	
Construction related activities or communication that is outside of planned incidents.	1,612	19,930
DMS Messages		
	Total Messages	
All changes to DMS are logged and reviewed.	19,104	288,110
Public Outreach		
	Total NHTMC.com Webpage Users	
Operators use New England 511 and nhtmc.com to inform motorists about traffic events and other road related information.	587	12,986
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	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.

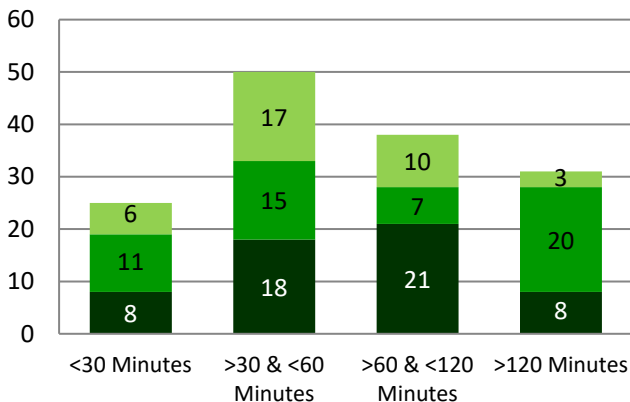
Partial Closure: Only a part of the roadway was closed.

Full Closure: All lanes were closed during the incident.

■ No Closure ■ Partial Closure ■ Full Closure

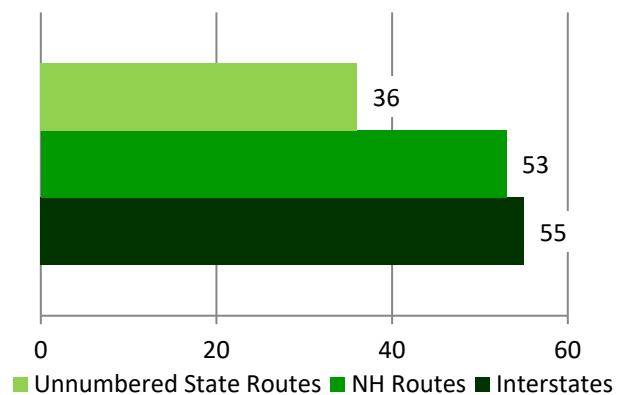
Current Month - Incident Duration

This graph shows the duration history of incidents.

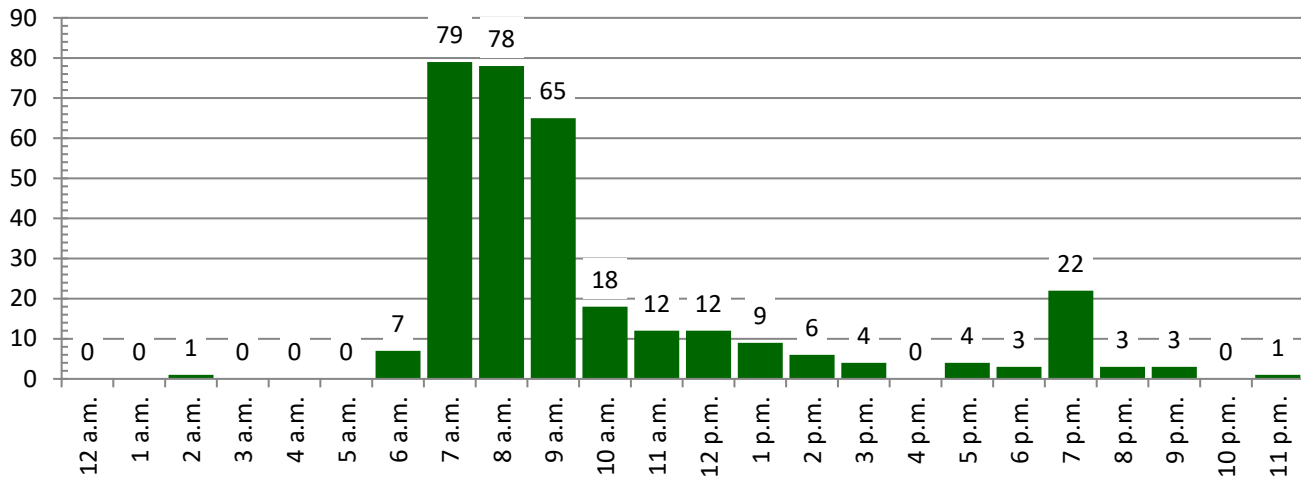


Current Month - Incident by Road

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

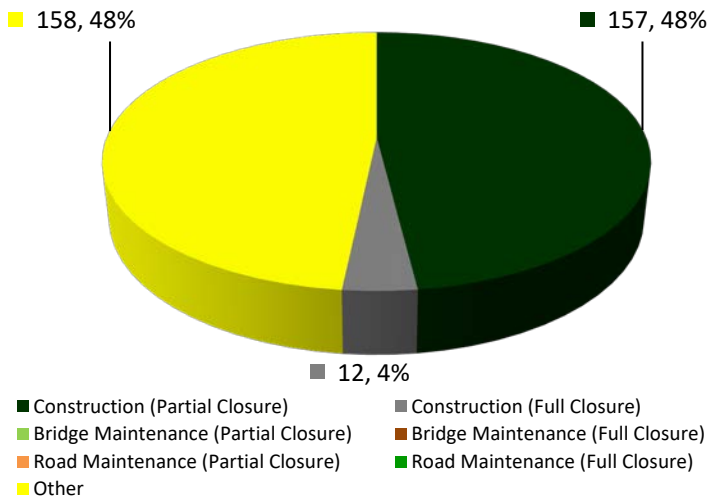


Planned Events



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

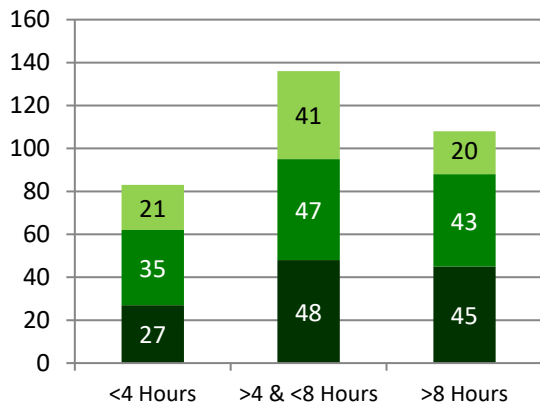


This graph shows the type of incident totals for the month.

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.

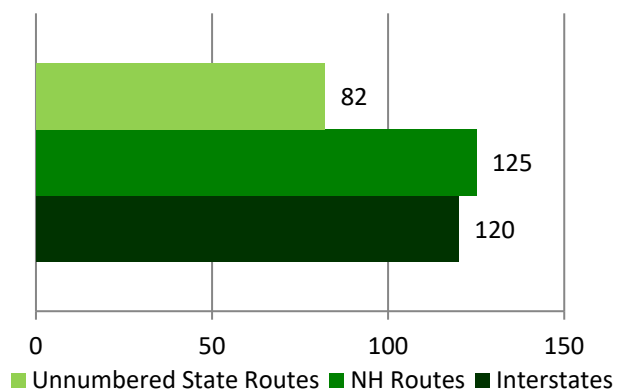
Current Month - Incident Duration

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Current Month - Incident by Road

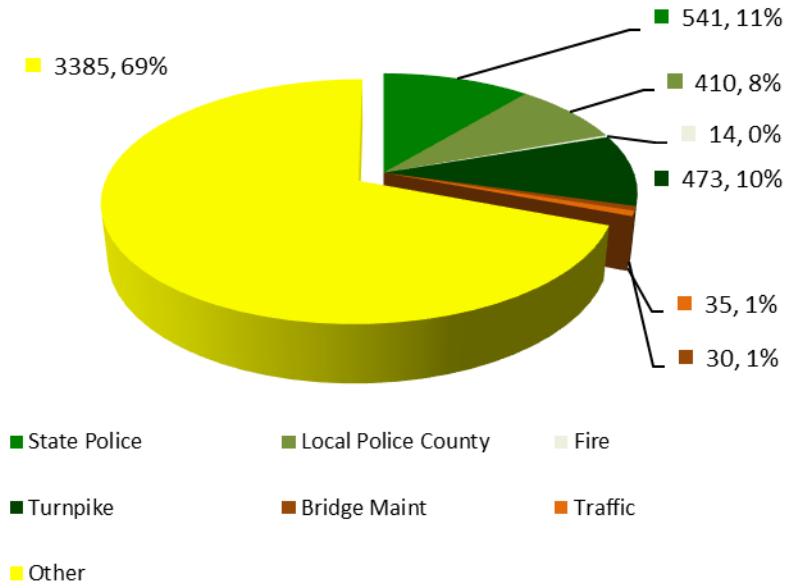
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Communication

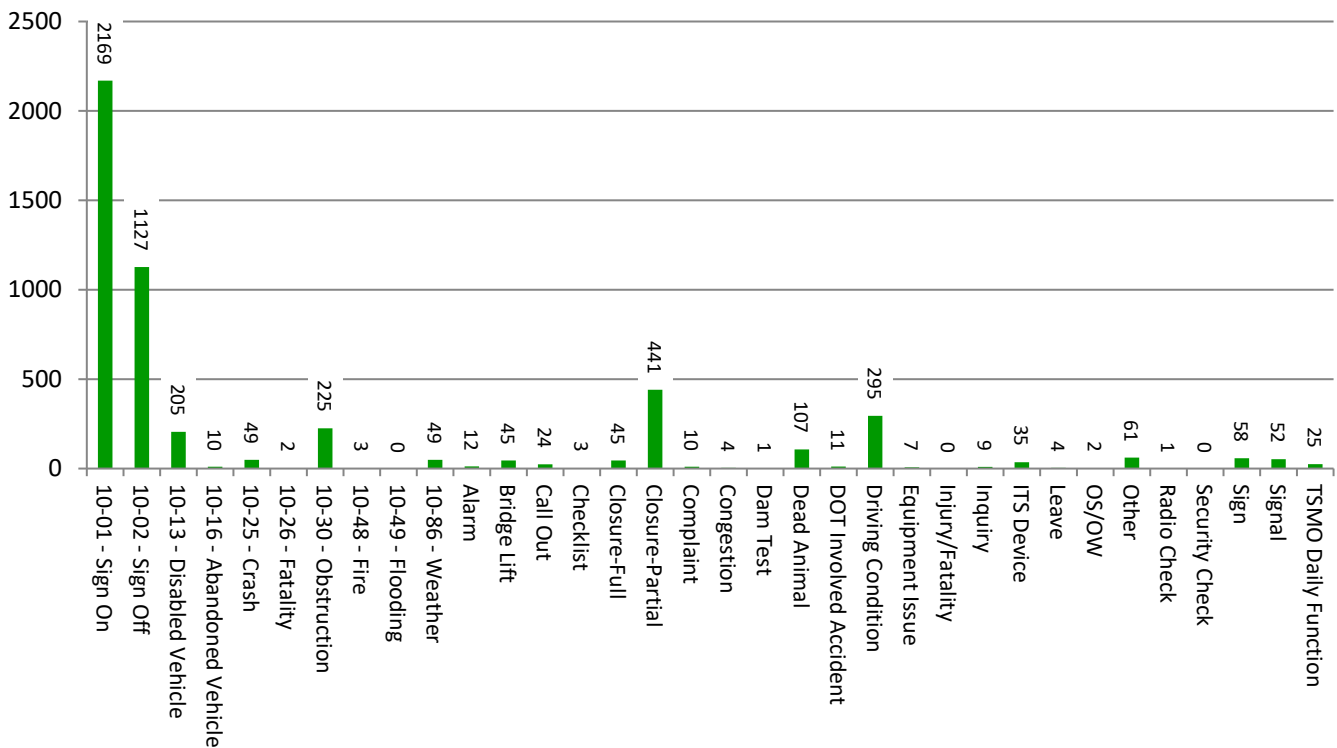
Current Month - Calls by Type

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



Log Entries by Type

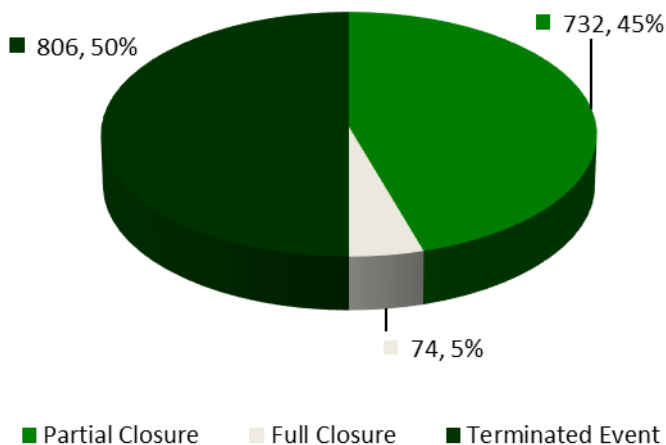
This graph shows the amount of log entries by type that TMC Operators have input into the Compass ATMS for the current month.



Work Zone Communication

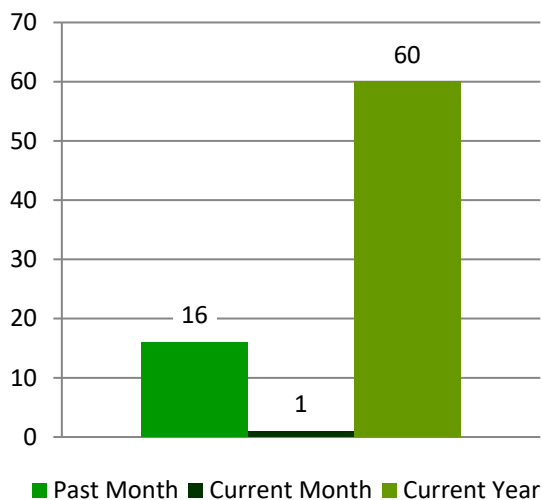
Current Month – Construction Calls

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

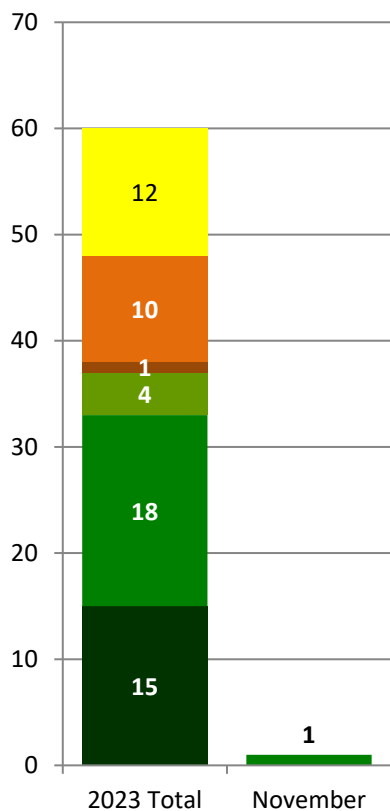


Incidents Occurring in Work Zones

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

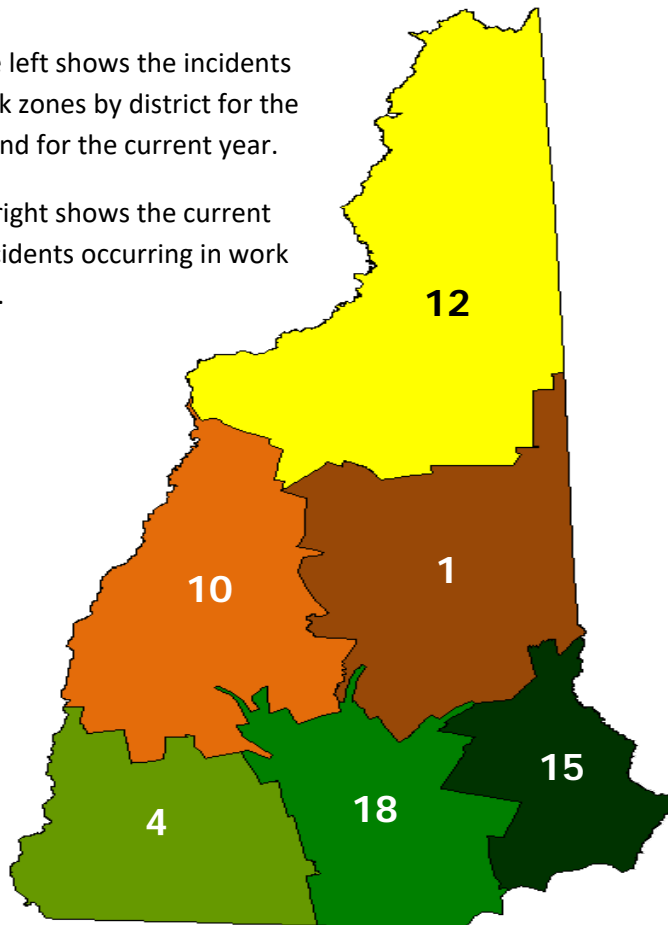


Incidents Occurring in Work Zones by Location



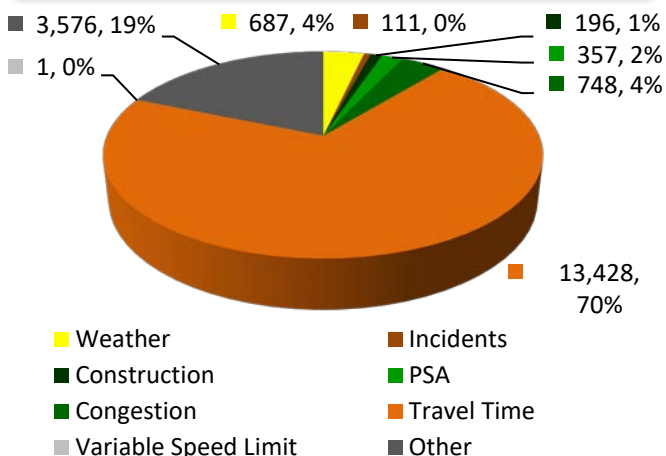
The graph to the left shows the incidents occurring in work zones by district for the current month and for the current year.

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

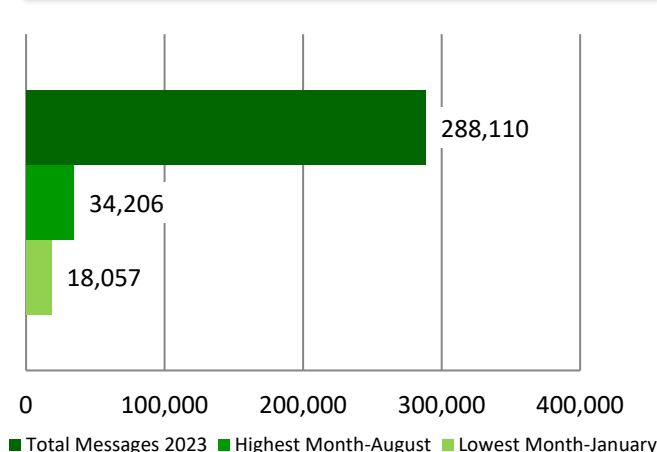


DMS Messages

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.

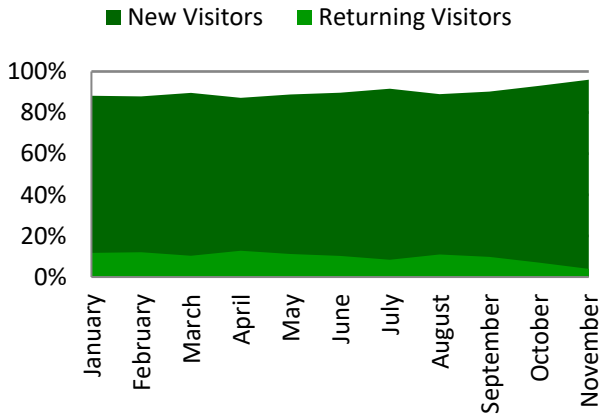
Current Month - Total Messages Posted by Board

101 E 52.8 FSV5	49	89S 55.0 PSV2	45	FEE S 8.6 FSPT	10
101E 102 PSP5	5	89S 57.7 FSS2	41	RW W 0.7 PSVT - SWZ - M-04	39
101E 114.8 FSV6	226	91 N VT 69.1 PSV VT - SWZ - M06	92	ST N 1.0 FSAT	11
101W 102.6 FSV5	19	91 S VT 70.6 PSV VT - SWZ - M04	92	ST N 16.2 PSVT - SWZ - M06	89
101W 115 PSP5	4	93 N 0.5 FSDT	193	ST N 16.7 PSVT - SWZ - M05	15
101W 128 PSV6	26	93 N 12.4 VSL SE 5	1	ST N 19.2 PSVT	8
16N 35.0 PSV3	6	93 N 7.5 FSD5	292	ST N 4.3 PSVT - SWZ - M01	1,122
16S 75.4 FSV3	6	93N 23.4 FSD5	571	ST N 4.4 FSST	40
293N 8.8 FSPT	663	93N 32.9 FSST	28	ST N 5.0 PSVT - SWZ - M02	33
293S 1.4 FSD5	68	93N 36.2 FSVT	38	ST N 7.0 SKVT	9
293S 4.8 FSDT	71	93N 43.8 PSP5	7	ST S 18.25 PSVT - SWZ - M07	122
393 W 1.9 PSV5	18	93N 76.4 FSV3	18	ST S 19.25 PSVT - SWZ - M08	8
4 W 98.9 FSS6	32	93N 82.6 FSV3	12	ST S 24.4 FSVT	218
4E 92.4 FSS6	18	93N 99.6 FSA3	46	ST S 3.4 FSDT	4,590
4E 98 FSA6	49	93S 117.6 FSA1	18	ST S 34.4 PSVT	8
89 N 23.2 PSV2 - SWZ - M01	339	93S 122.2 FSV1	14	ST S 6.6 PSVT - SWZ - M03	42
89 N 23.7 PSV2 - SWZ - M02	337	93S 23.4 FSD5	350	ST S 6.9 PSVT - SWZ - M04	137
89 N 26.4 PSV2 - SWZ - M03	2	93S 27.8 FSDT	1,151	ST S 7.8 FSAT	2,776
89 N 28.4 PSV2 - SWZ - M08	2	93S 36.5 FSST	26	WA W 0.5 FSST	19
89 N 30.2 PSV2 - SWZ - M04	53	93S 39.0 FSV5	51		
89 N 56.8 PSV2 - SWZ - M01	47	93S 43.3 PSV5	17		
89 N 57.2 PSV2 - SWZ - M02	39	93S 48.0 FSV5	17		
89 N 57.3 FSS 2	13	93S 57.6 PSP5	5		
89 N 59.8 PSV2 - SWZ - M03	25	93S 68.8 FSV3	36		
89 S 28.0 PSV2 - SWZ - M07	36	93S 7.2 FSD5	184		
89 S 31.0 PSV2 - SWZ - M09	48	93S 85.4 FSV3	39		
89 S 31.9 PSV2 - SWZ - M06	243	95MN 12.8 PSVT	25		
89 S 32.5 PSV2 - SWZ - M05	243	95N 0.4 FSVT	23		
89 S 58.7 PSV2 - SWV - M07	24	95N 14.8 FSDT	50		
89 S VT 0.9 PSV VT - SWZ - M05	74	95N 3.0 FSDT	141		
89N 1.8 FSV5	172	95N 4.8 PSVT	5		
89N 18.4 FSS5	44	95S 15.4 FSDT	159		
89N 31.4 PSV2	8	95S 3.4 FSPT	19		
89N 35.5 FSV2	29	95S 7.2 PSVT	3		
89N 43.8 PSV2	19	95S 7.6 FSDT	127		
89N 49.0 PSV2	33	FEE N 1.2 FSVT	51		
89N 54.9 FSS2	27	FEE N 14.0 PSVT - SWZ - M-02	51		
89S 10.8 FSV5	198	FEE N 5.2 PSVT	19		
89S 3.4 FSV5	2,296	FEE N 9.0 PSVT - SWZ - M-03	11		
89S 31.4 PSP5	21	FEE S 17.5 FSVT - SWZ - M-01	45		
89S 42.6 PSV2	23	FEE S 3.8 FSDT	40		

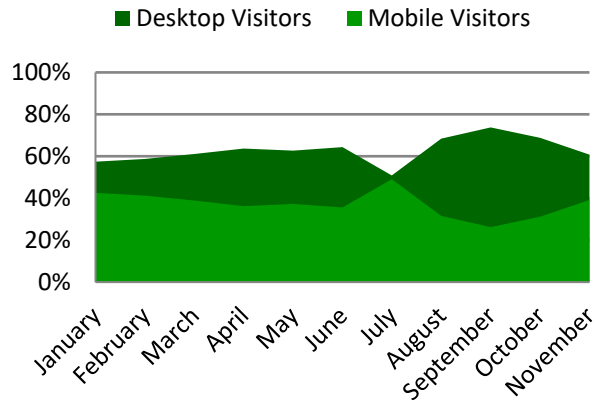
Public Outreach

587 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.



18,732 Total NewEngland511 Accounts

www.NewEngland511.org Notifications

