

TMC Monthly Operational Summary



Bureau of Transportation Systems Management & Operations (TSMO)

NH Department of Transportation's Mission

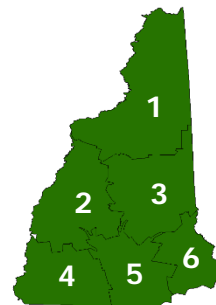
Transportation excellence enhancing the quality of life in New Hampshire.

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

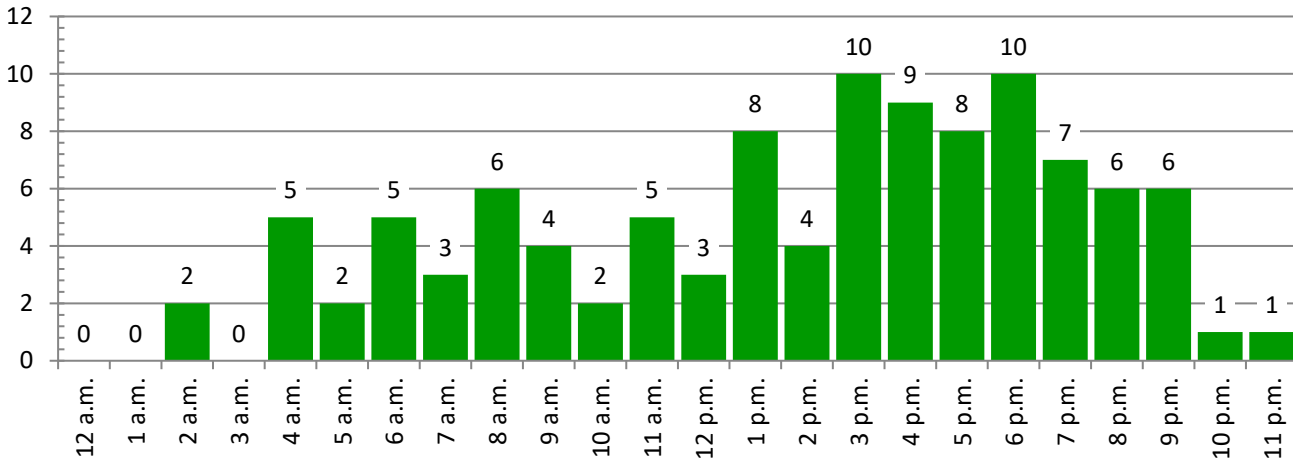
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Summary

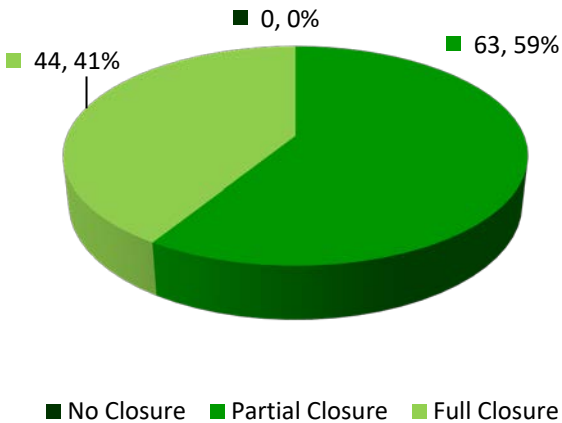
	Current Month	2023 Total
Unplanned Incidents		
	Total Unplanned Incidents	
Operators log information about each unplanned incident including date/time, location, traffic impact, and duration.	107	1,415
Planned Incidents		
	Total Planned Incidents	
Operators log information about each planned incident including date/time, location, traffic impact, and duration.	435	3,581
Communication		
	Total Calls	
Operators log all incoming and outgoing control room communications, engaging various incident responders and stakeholders.	4,642	46,611
Work Zones Communication		
	Total Construction Calls	
Construction related activities or communication that is outside of planned incidents.	2,146	18,318
DMS Messages		
	Total Messages	
All changes to DMS are logged and reviewed.	26,711	269,006
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.	946	12,399
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:

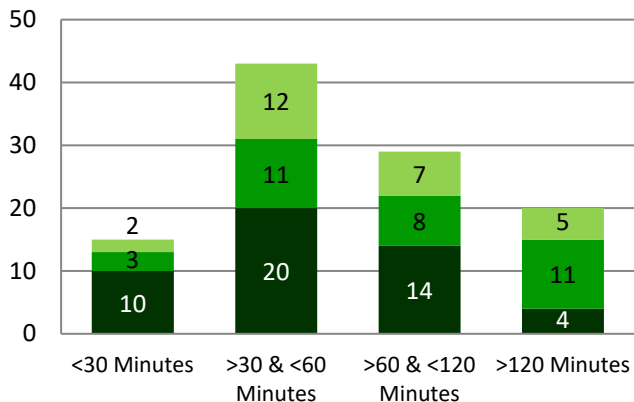
No Closure: No lane closures occurred during the incident.

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

Full Closure: All lanes were closed during the incident.

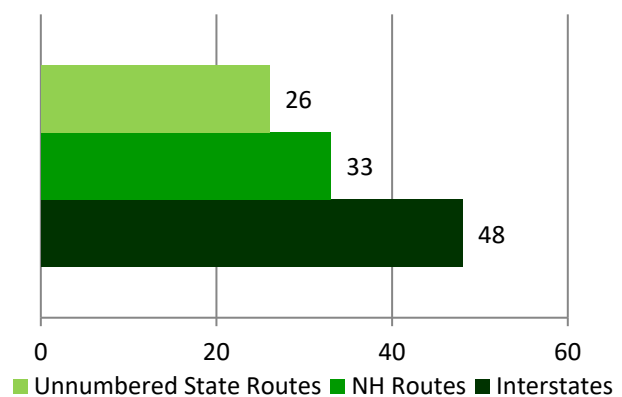
Current Month - Incident Duration

This graph shows the duration history of incidents.

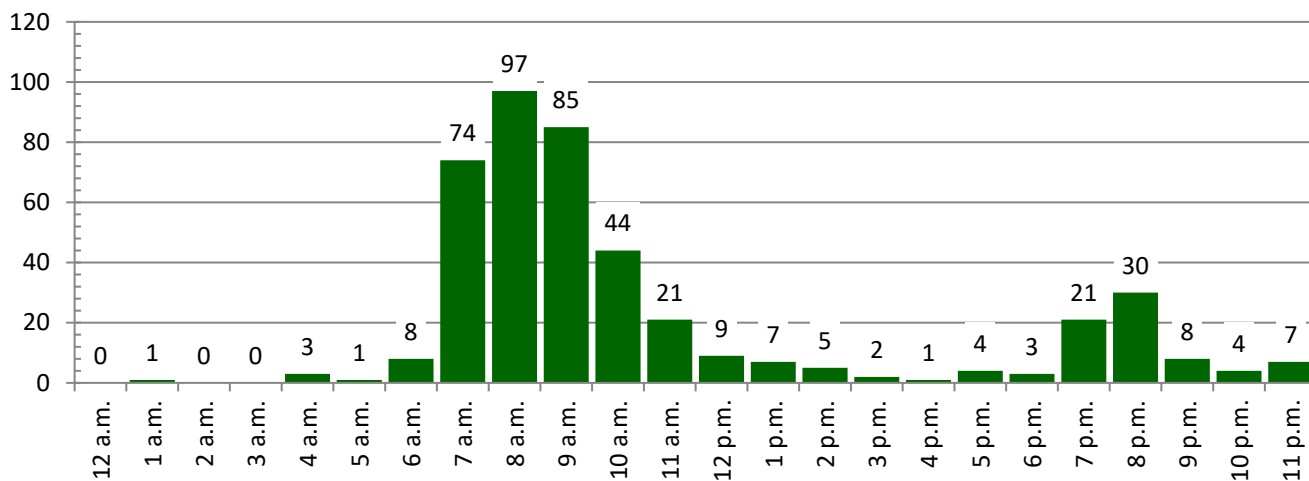


Current Month - Incident by Road

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

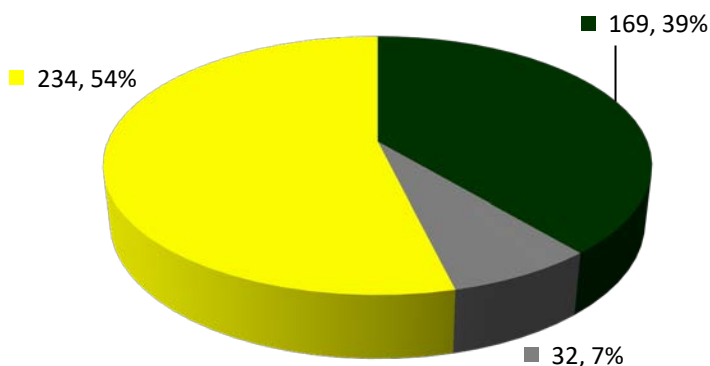


Planned Events



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



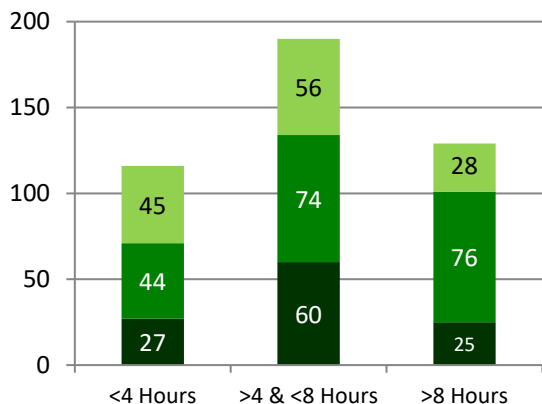
This graph shows the type of incident totals for the month.

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

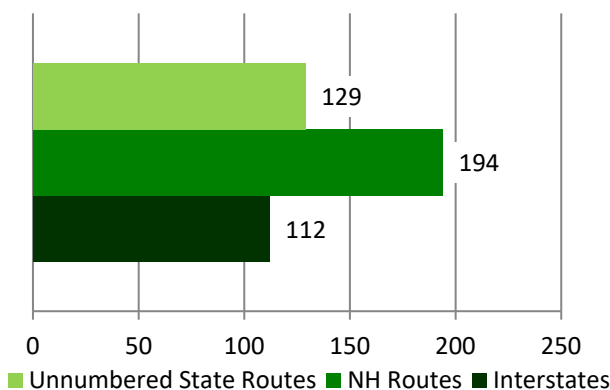
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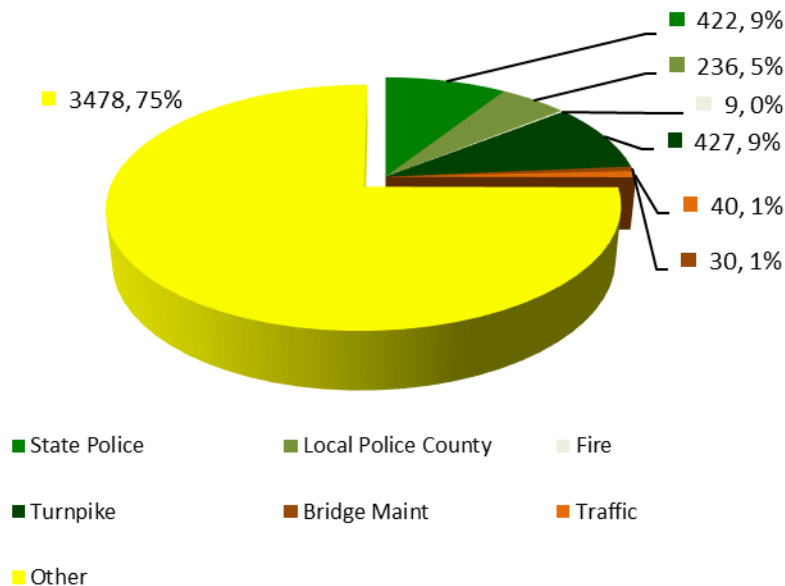
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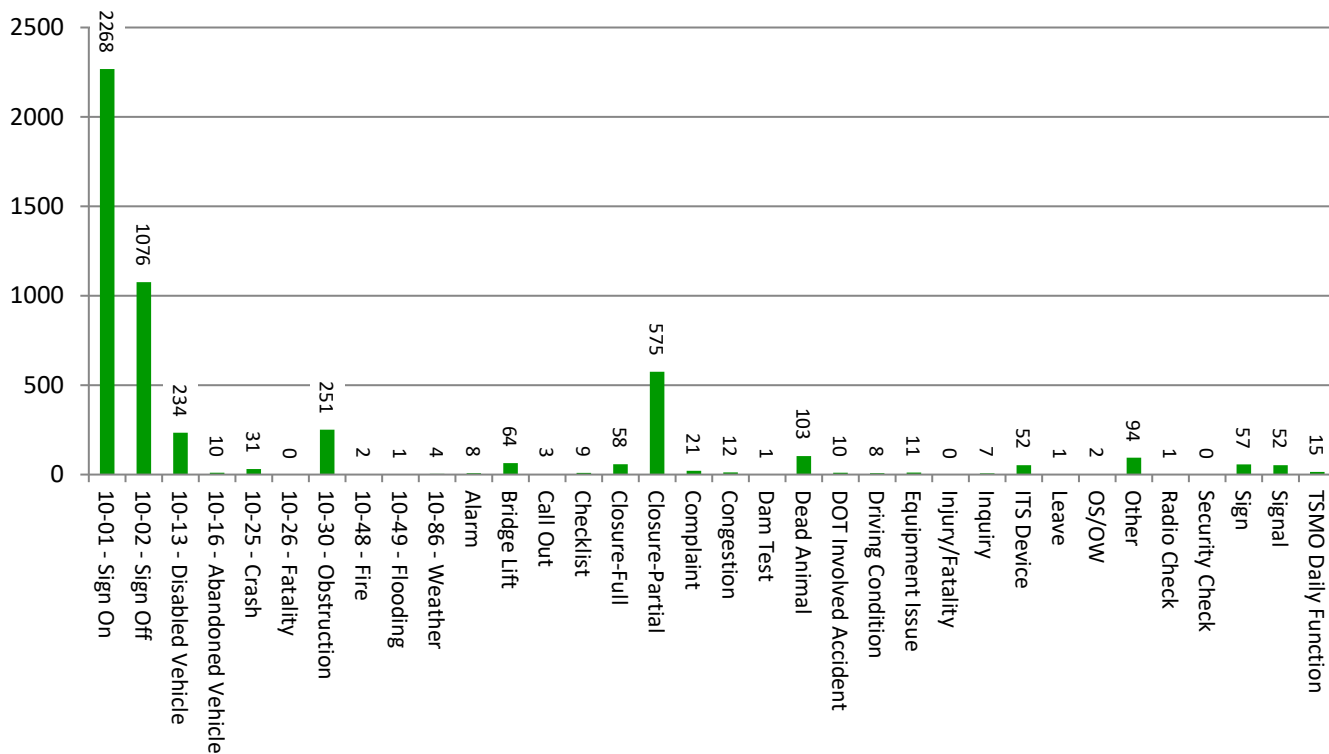
Current Month - Calls by Type

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



Log Entries by Type

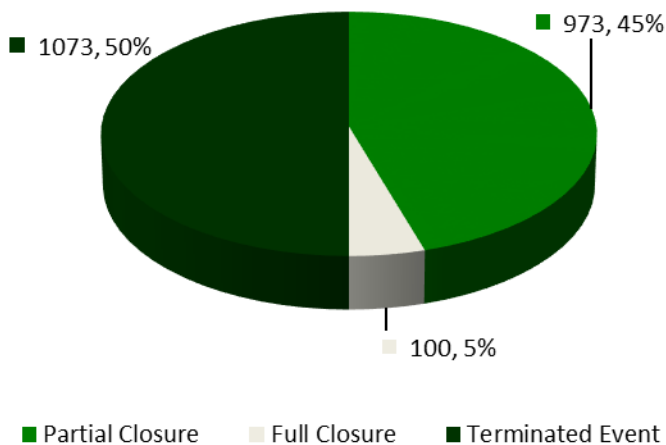
This graph shows the amount of log entries by type that TMC Operators have input into the Compass ATMS for the current month.



Work Zone Communication

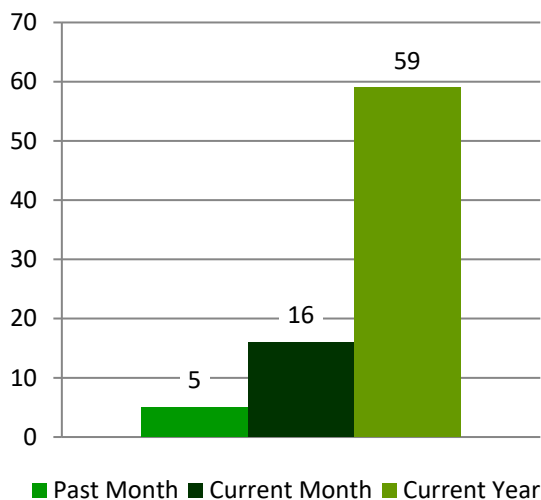
Current Month – Construction Calls

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

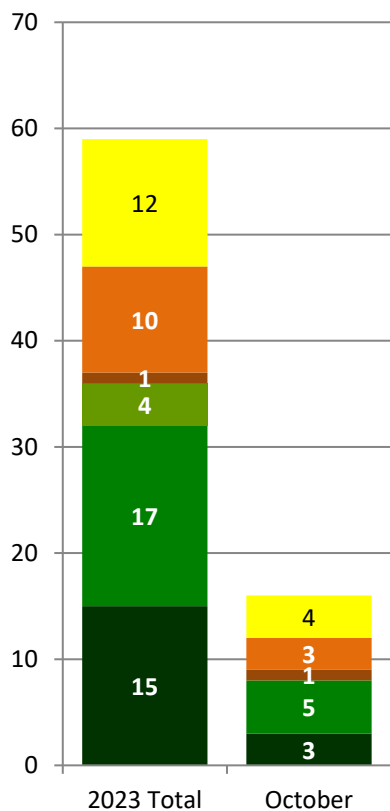


Incidents Occurring in Work Zones

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

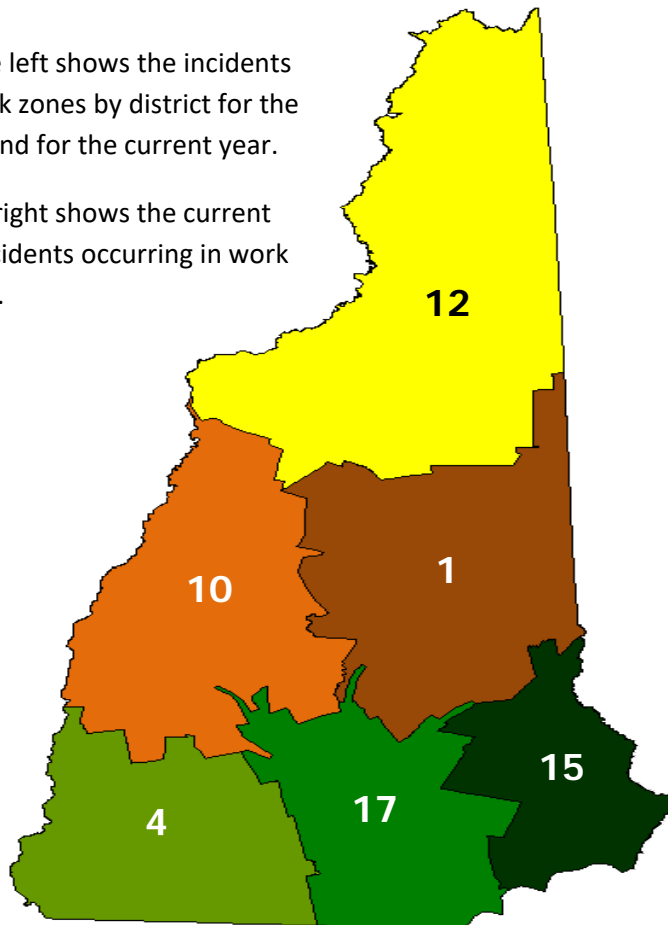


Incidents Occurring in Work Zones by Location



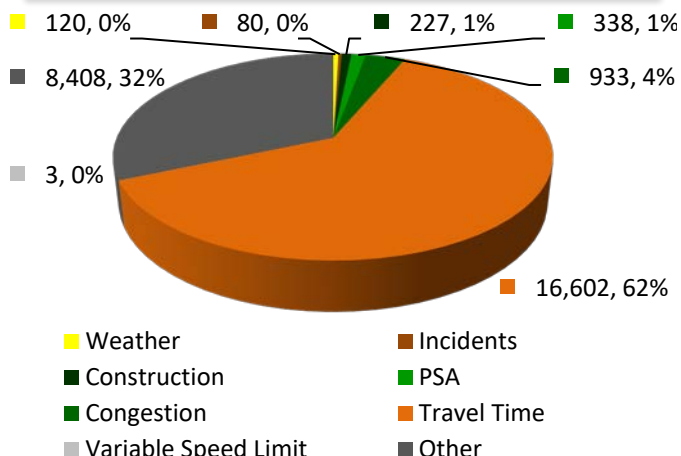
The graph to the left shows the incidents occurring in work zones by district for the current month and for the current year.

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

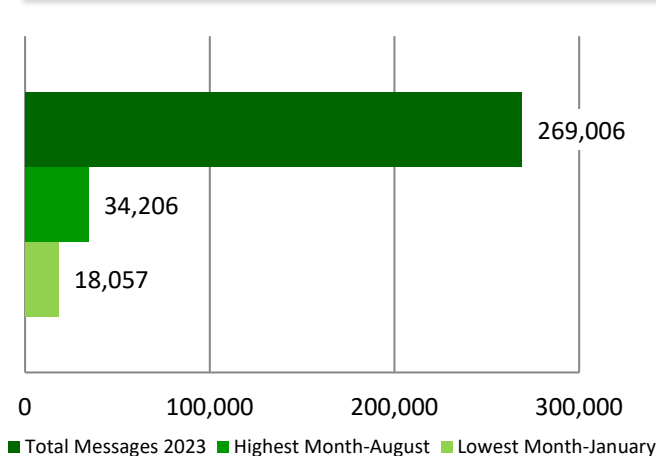


DMS Messages

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.

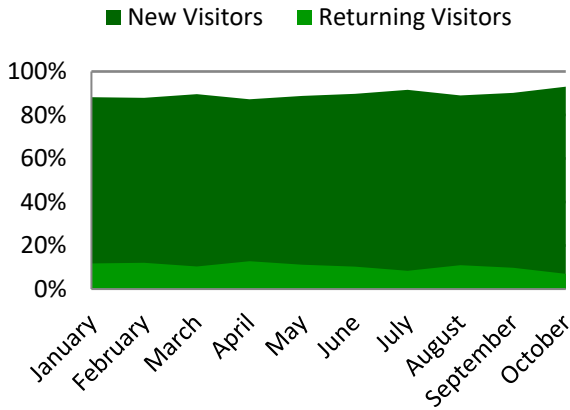
Current Month - Total Messages Posted by Board

101 E 52.8 FSV5	28	93 NM 3.8 VSL D5	3	ST N 16.2 PSVT - SWZ - M06	14
101 E 53 PSWC - SWZ - M04	11	93 S 30.4 PSVT	9	ST N 16.7 PSVT - SWZ - M05	13
101 W 54.3 PSWC - SWZ - M03	357	93N 23.4 FSD5	1,358	ST N 4.3 PSVT - SWZ - M01	1,455
101E 114.8 FSV6	288	93N 26.9 PSVT	9	ST N 4.4 FSST	48
101W 102.6 FSV5	15	93N 32.9 FSST	27	ST N 5.0 PSVT - SWZ - M02	426
101W 128 PSV6	16	93N 36.2 FSVT	55	ST N 7.0 SKVT	3
293 S 4.7 PSWC - SWZ - M02	1,242	93N 76.4 FSV3	5	ST S 18.25 PSVT - SWZ - M07	113
293 S 5.2 PSWC - SWZ - M01	1,220	93N 82.6 FSV3	3	ST S 19.25 PSVT - SWZ - M08	6
293N 8.8 FSPT	1,572	93N 99.6 FSA3	17	ST S 24.4 FSVT	253
293S 1.4 FSD5	28	93S 117.6 FSA1	5	ST S 3.4 FSDT	1,243
293S 4.8 FSDT	32	93S 122.2 FSV1	3	ST S 6.6 PSVT - SWZ - M03	1,154
393 W 1.9 PSV5	14	93S 23.4 FSD5	461	ST S 6.9 PSVT - SWZ - M04	188
4 W 98.9 FSS6	20	93S 27.8 FSDT	2,536	ST S 7.8 FSAT	2,773
4E 92.4 FSS6	10	93S 32.4 FSVT	19	WA W 0.5 FSST	13
4E 98 FSA6	24	93S 36.5 FSST	21		
89 N 23.2 PSV2 - SWZ - M01	450	93S 39.0 FSV5	37		
89 N 23.7 PSV2 - SWZ - M02	456	93S 43.3 PSV5	16		
89 N 26.4 PSV2 - SWZ - M03	46	93S 48.0 FSV5	6		
89 N 28.4 PSV2 - SWZ - M08	44	93S 68.8 FSV3	28		
89 N 30.2 PSV2 - SWZ - M04	26	93S 7.2 FSD5	133		
89 N 56.8 PSV2 - SWZ - M01	100	93S 85.4 FSV3	29		
89 N 57.2 PSV2 - SWZ - M02	12	95MN 12.8 PSVT	15		
89 N 57.3 FSS 2	4	95N 0.4 FSVT	21		
89 N 59.8 PSV2 - SWZ - M03	8	95N 14.8 FSDT	43		
89 S 28.0 PSV2 - SWZ - M07	13	95N 3.0 FSDT	193		
89 S 31.0 PSV2 - SWZ - M09	77	95N 4.8 PSVT	35		
89 S 31.9 PSV2 - SWZ - M06	237	95S 15.4 FSDT	475		
89 S 32.5 PSV2 - SWZ - M05	230	95S 3.4 FSPT	9		
89 S 58.7 PSV2 - SWV - M07	7	95S 7.2 PSVT	8		
89 S VT 0.9 PSV VT - SWZ - M05	34	95S 7.6 FSDT	196		
89N 1.8 FSV5	186	FEE N 1.2 FSVT	33		
89N 18.4 FSS5	24	FEE N 14.0 PSVT - SWZ - M-02	42		
89N 35.5 FSV2	7	FEE N 17.5 PSWC - SWZ - M06	161		
89N 54.9 FSS2	15	FEE N 17.8 FSVT	16		
89S 10.8 FSV5	420	FEE N 18.0 PSWC - SWZ - M05	123		
89S 3.4 FSV5	4,761	FEE N 9.0 PSVT - SWZ - M-03	26		
89S 55.0 PSV2	8	FEE S 17.5 FSVT- SWZ - M-01	59		
91 N VT 69.1 PSV VT - SWZ - M06	3	FEE S 3.8 FSDT	34		
91 S VT 70.6 PSV VT - SWZ - M04	107	FEE S 8.6 FSPT	8		
93 N 0.5 FSDT	217	RW W 0.7 PSVT - SWZ - M-04	37		
93 N 7.5 FSD5	314	ST N 1.0 FSAT	12		

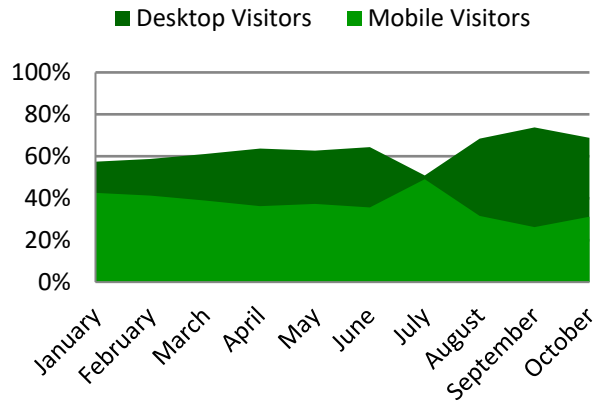
Public Outreach

946 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.



16,584 Total NewEngland511 Accounts

www.NewEngland511.org Notifications

