SWANZEY POLICE DEPARTMENT

34 Eaton Road

Swanzey, NH 03446

Selective Traffic Enforcement Analysis Report

STEAR 2024

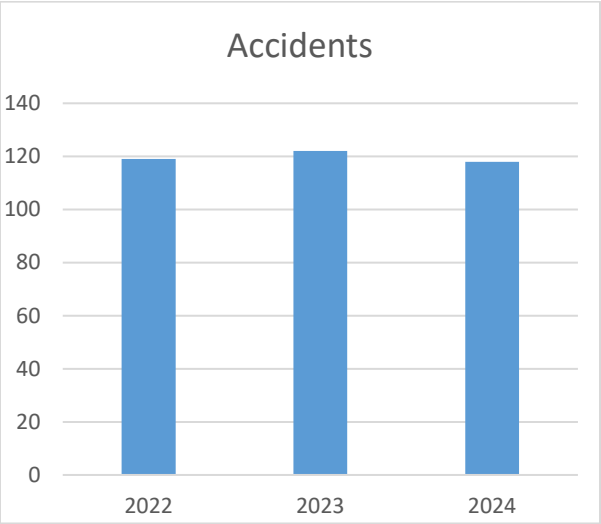
Motor Vehicles Accidents

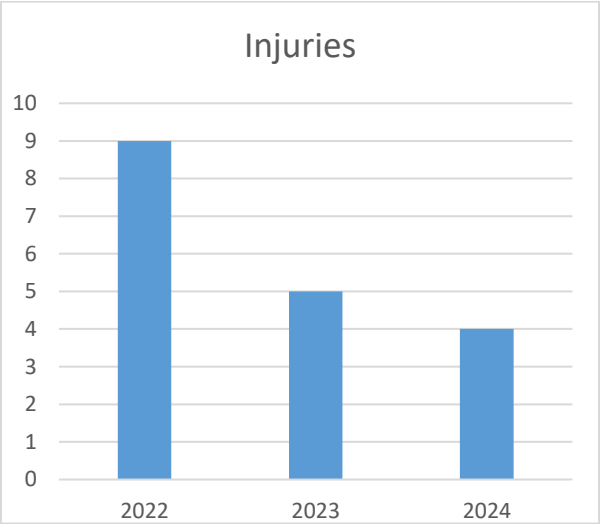
A review of the last three years of data on motor vehicle accidents show no significant information. The statistics included in this report covers data from the Swanzey Police Department and does not include data from any other law enforcement agency. There were no fatalities for the last three years. The data shows a slight increasing trend in accidents over the last three years.

There was slight decrease in motor vehicle accidents in 2024 in comparison to 2023 and 2022. There is a trending decrease in reported injuries related to motor vehicle accidents over the last three years. There was a 20% decrease in injuries in 2024 in comparison to 2023 and there is a 55% decrease in 2024 in comparison to 2022.

Total Accidents and Reported Injuries

	2022	2023	2024
Accidents	**119**	**122**	**118**
Reported Injuries	**9**	**5**	**4**
Fatalities	**0**	**0**	**0**





Streets with Most Accidents

A further analysis of where most of the accidents occurred in the year 2023 showed that West Swanzey Rd. (Route 10) had by far the most motor vehicle accidents with 44. Monadnock Hw. (Route 12) was the second highest in the year 2023 with 21 and Old Homestead Hw. (Route 32) was third with 13. Eaton Road had 9 accidents in 2023 and none of the rest of the roads in town had more than three each respectfully.

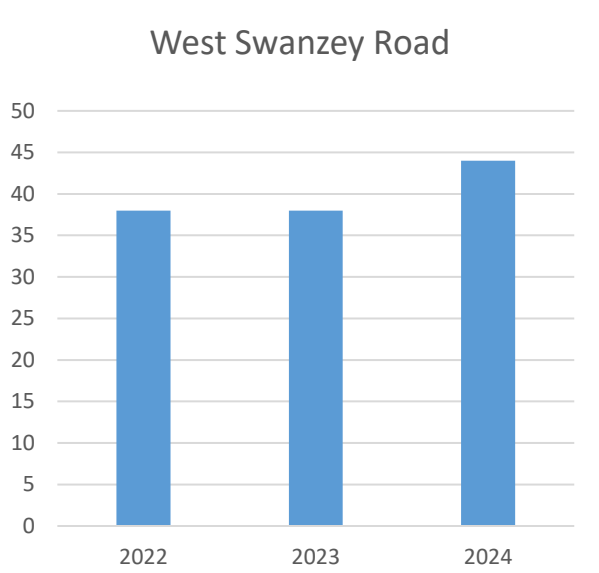
West Swanzey Rd. (Route 10) and Monadnock Hwy (Route 12) have the highest amount of traffic so it is consistent with expectations.

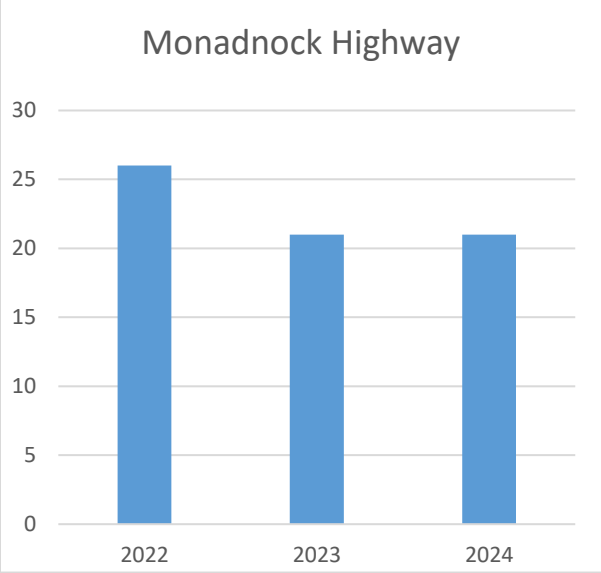
The amount of accidents on West Swanzey Road increased about 14% in 2024 in comparison to 2023. There was no change in the amount of accidents on Monadnock Highway in 2024 from 2023. There is about a 20% decrease in accidents on Monadnock Highway in 2024 in comparison to 2022.

The most significant statistic is the amount of accidents on Eaton Road compared to previous years. Sawyers Crossing Road and Matthews Road had significantly lower amounts of accidents compared to previous years.

Accidents

	2022	**2023**	**2024**
West Swanzey Road	38	38	44
Monadnock HW	26	21	21





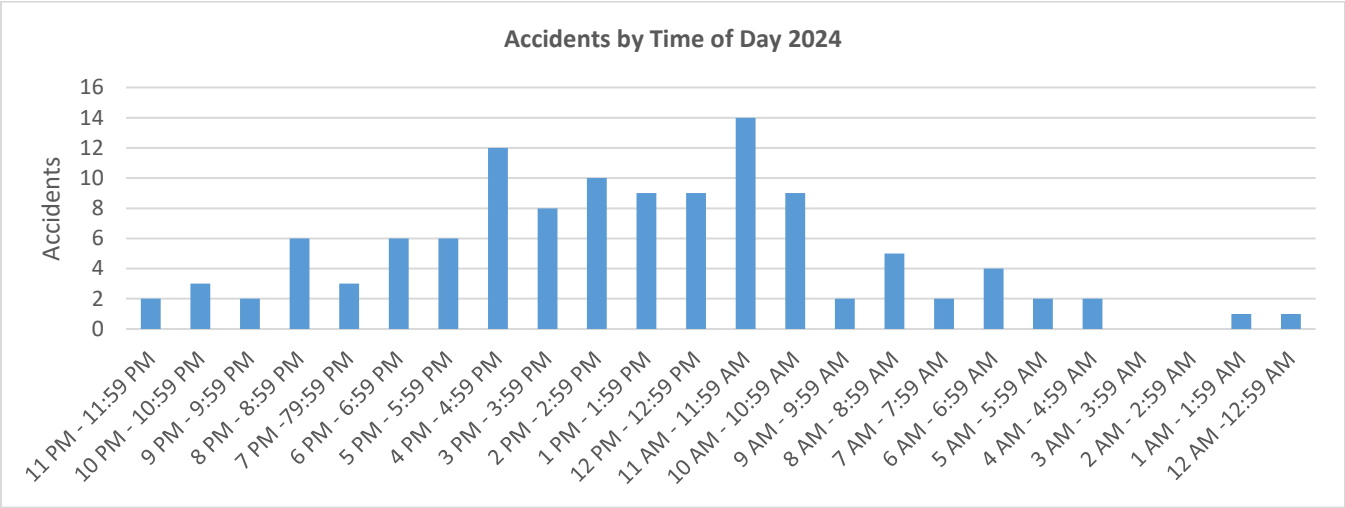
Accidents by Time of Day

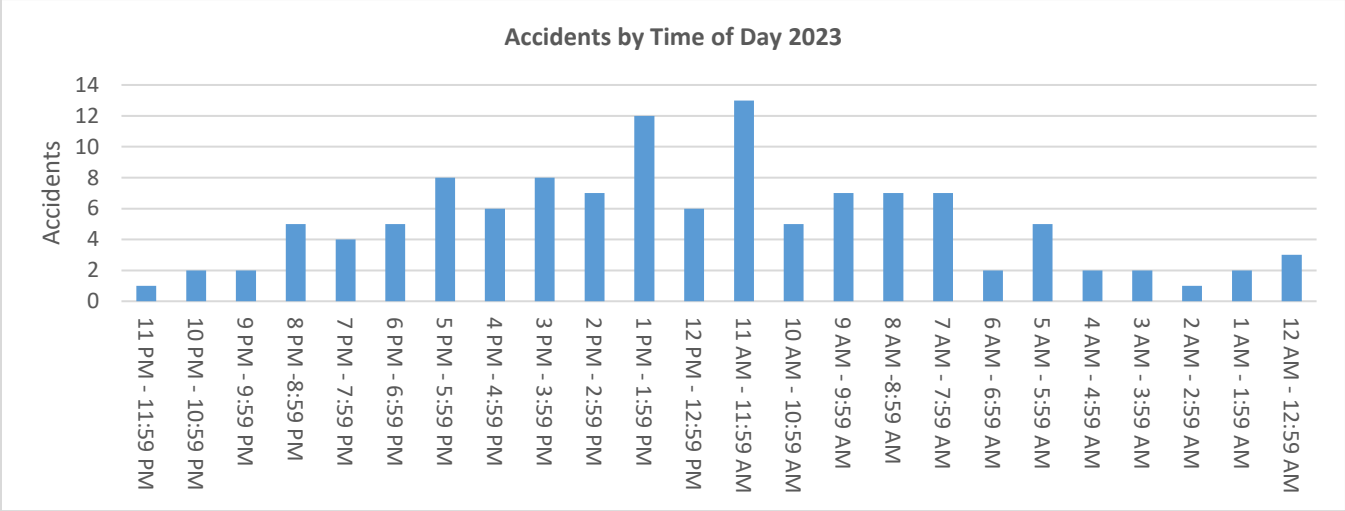
An analysis of accidents by time of day for the last three years shows that a majority of the accidents are occurring during the middle of the day.

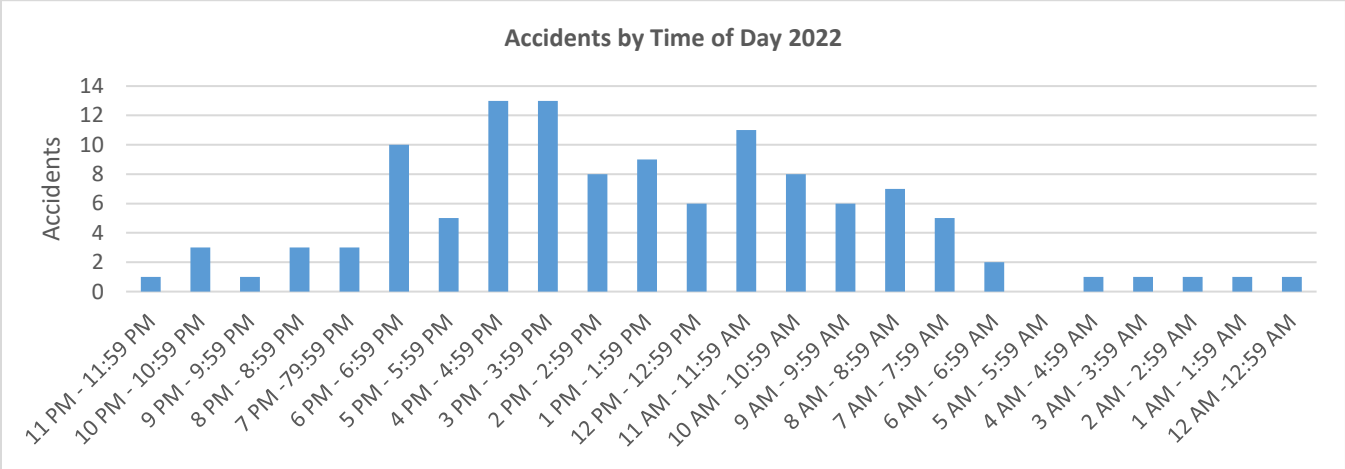
In 2022 there is a spike in accidents in the late afternoon. This can be associated with increase in traffic with people leaving work, picking up children at school and running errands after work.

In 2023 the spike in accidents is in the middle of the day between 11 am to 2 pm. This timeframe is associated with the typical lunchtime.

In 2024 the spike in accidents occurred mid-day from 10 am to 4 pm. There was an especially sharp spike between 11 am and noon.


Accidents by Time of Day 2024
Accidents
16
14
12
10
8
6
4
2
0
11 PM - 11:59 PM
10 PM - 10:59 PM
9 PM - 9:59 PM
8 PM - 8:59 PM
7 PM -79:59 PM
6 PM - 6:59 PM
5 PM - 5:59 PM
4 PM - 4:59 PM
3 PM - 3:59 PM
2 PM - 2:59 PM
1 PM - 1:59 PM
12 PM - 12:59 PM
11 AM - 11:59 AM
10 AM - 10:59 AM
9 AM - 9:59 AM
8 AM - 8:59 AM
7 AM - 7:59 AM
6 AM - 6:59 AM
5 AM - 5:59 AM
4 AM - 4:59 AM
3 AM - 3:59 AM
2 AM - 2:59 AM
1 AM - 1:59 AM
12 AM -12:59 AM


Accidents by Time of Day 2023
Accidents
14
12
10
8
6
4
2
0
11 PM - 11:59 PM
10 PM - 10:59 PM
9 PM - 9:59 PM
8 PM -8:59 PM
7 PM - 7:59 PM
6 PM - 6:59 PM
5 PM - 5:59 PM
4 PM - 4:59 PM
3 PM - 3:59 PM
2 PM - 2:59 PM
1 PM - 1:59 PM
12 PM - 12:59 PM
11 AM - 11:59 AM
10 AM - 10:59 AM
9 AM - 9:59 AM
8 AM -8:59 AM
7 AM - 7:59 AM
6 AM - 6:59 AM
5 AM - 5:59 AM
4 AM - 4:59 AM
3 AM - 3:59 AM
2 AM - 2:59 AM
1 AM - 1:59 AM
12 AM - 12:59 AM


Accidents by Time of Day 2022
Accidents
14
12
10
8
6
4
2
0
11 PM - 11:59 PM
10 PM - 10:59 PM
9 PM - 9:59 PM
8 PM - 8:59 PM
7 PM -79:59 PM
6 PM - 6:59 PM
5 PM - 5:59 PM
4 PM - 4:59 PM
3 PM - 3:59 PM
2 PM - 2:59 PM
1 PM - 1:59 PM
12 PM - 12:59 PM
11 AM - 11:59 AM
10 AM - 10:59 AM
9 AM - 9:59 AM
8 AM - 8:59 AM
7 AM - 7:59 AM
6 AM - 6:59 AM
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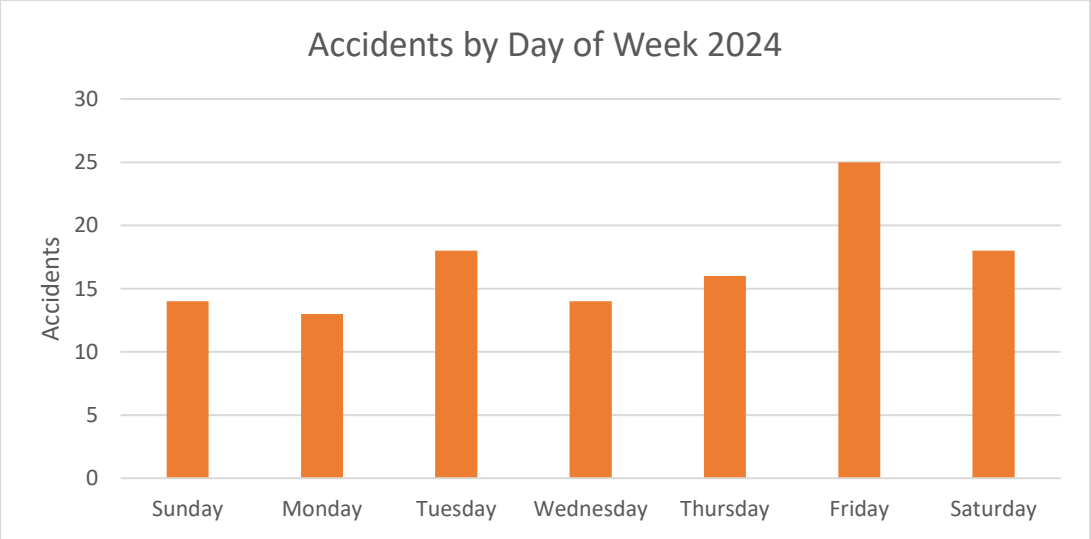
Accidents by Day of Week

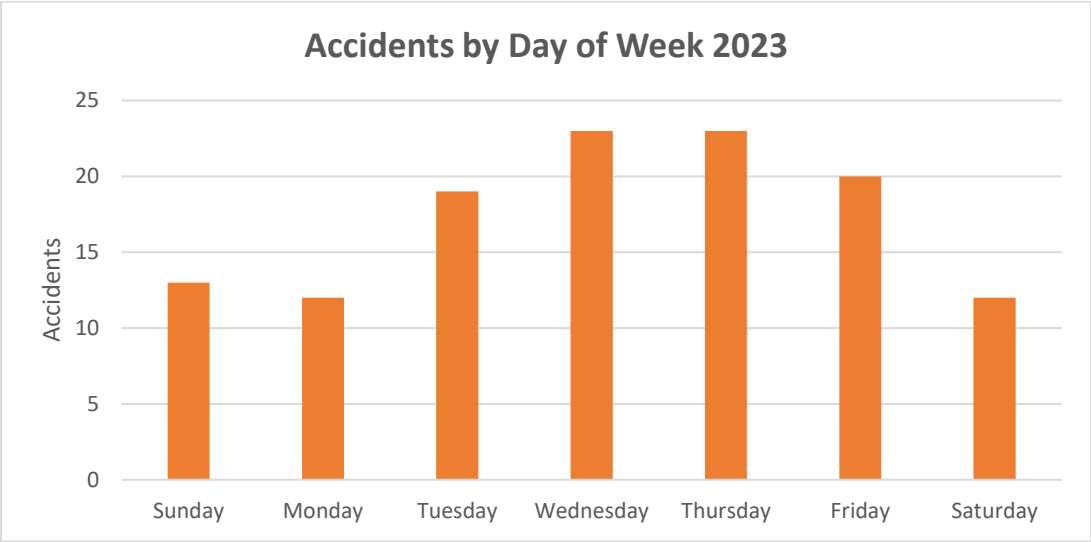
An analysis of accidents by day of week of the last three years. The data for the days of the week shows Friday has a higher amount of accidents versus the other days of the week.

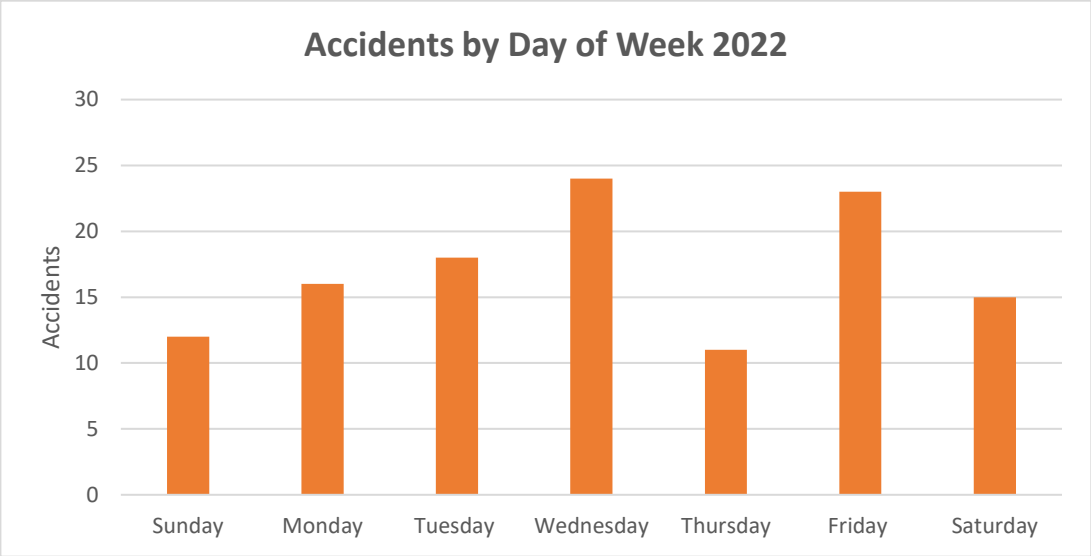
In 2024 there was a spike of accidents on Friday, then followed by Saturday and Tuesday. Monday, Sunday and Wednesday had the least reported accidents.

In 2023 the highest amount of reported accidents occurred in the middle of the week with a peak on Wednesdays and Thursdays. Sundays, Mondays and Saturday had the least reported accidents.

In 2022 Wednesdays and Fridays had the highest amount of accidents while Thursdays and Sundays had the lowest.







Summary

A review and comparison of the last three years show there has been a slight decrease in accidents and a more significant decrease in reported injuries from motor vehicle accidents.

The two main routes with the most accidents are West Swanzey Road, (Route 10) and Monadnock Highway (Route 12). The reported amount of accidents for West Swanzey Road has increased and the amount of accidents on Monadnock Highway has had no change in 2024.

A further analysis of the reported accidents indicates that Friday and Saturday between 10 am to 5 pm have the highest concentration of accidents.

Our focus of traffic enforcement should concentrate on West Swanzey Road, (Route 10) and Monadnock Highway (Route 12) during the day. Additional traffic enforcement focus should be on Old Homestead Highway and Eaton Road.

We are always responsive to citizens' complaints about traffic issues and utilize our limited resources to address citizens' concerns as best at possible.