

Minnesota Interstate Traffic Volume

An in-depth analysis of traffic patterns on our interstate highways



Traffic congestion continues to grow



... with no end in sight

Analyzing the data in 3 distinct charts



Monthly Volumes

Viewing the monthly traffic patterns allows us to find any potential trends by month.



Weather

Weather can have an impact on many things, including traffic.



Holiday Travel

Our roads may see more travelers (including out of state) than expected.

Monthly traffic volumes

August - Highest volume, possible end of summer seasonal traffic

February - Lowest volume, best possible month for construction changes

April - Significant decrease in 2018

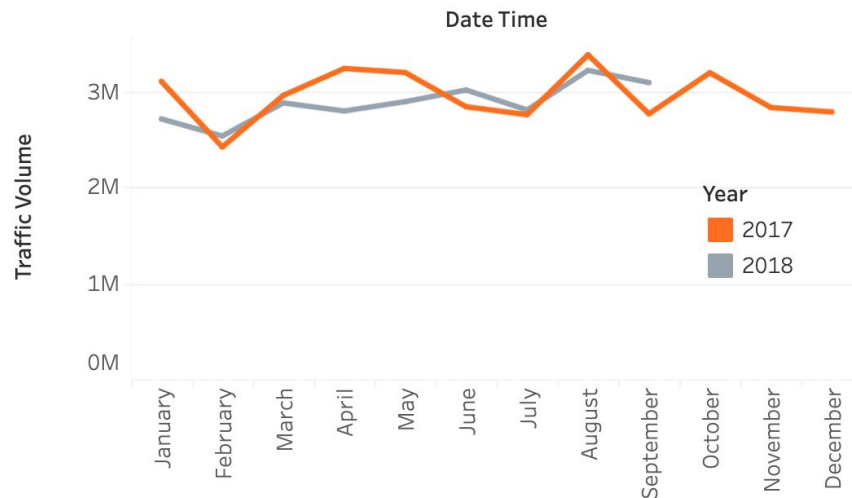
Fairly consistent/predictable patterns

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Timescale

Last 7 years ▼

Traffic Volumes: Month per Year



What role does weather play?

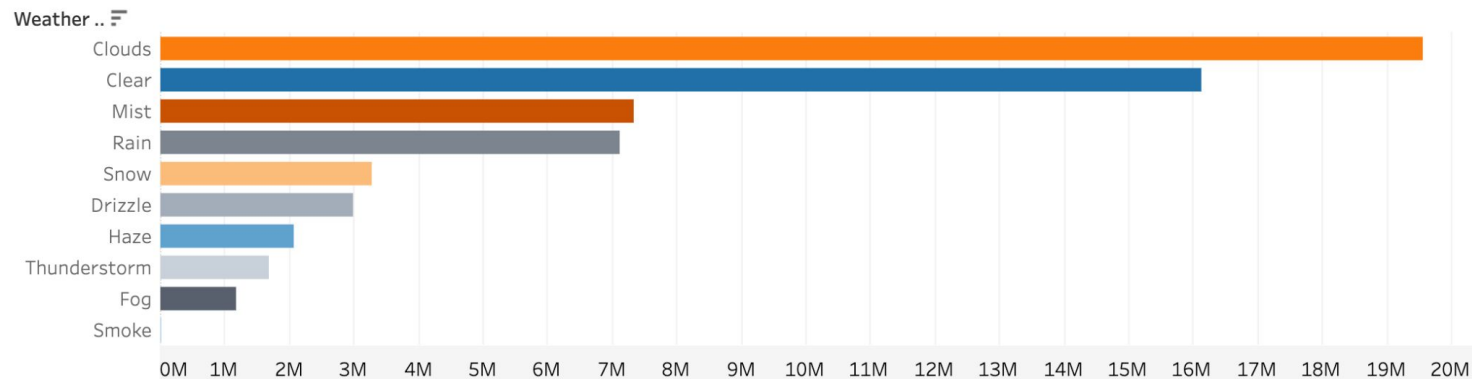
Clear/cloudy conditions result in the highest traffic volume.

Low-visibility conditions result in the lowest traffic volume.

Precipitation has a significant impact on traffic volume, though a surprising number of motorists continue to drive in rain.

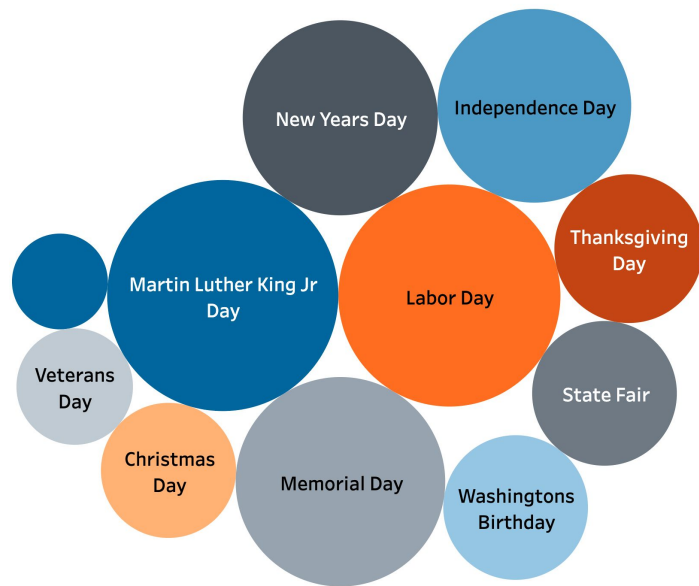
What can we do to alleviate traffic issues on rainy days?

Traffic Volumes: Weather Type



Holiday Travel

Highest Traffic on National Holidays in the United States



August - State fair starting in August

January - High traffic on New Years and Martin Luther King Jr. Day contribute to most of January's total.

Most holidays have little impact on total traffic volume.

Hourly Traffic

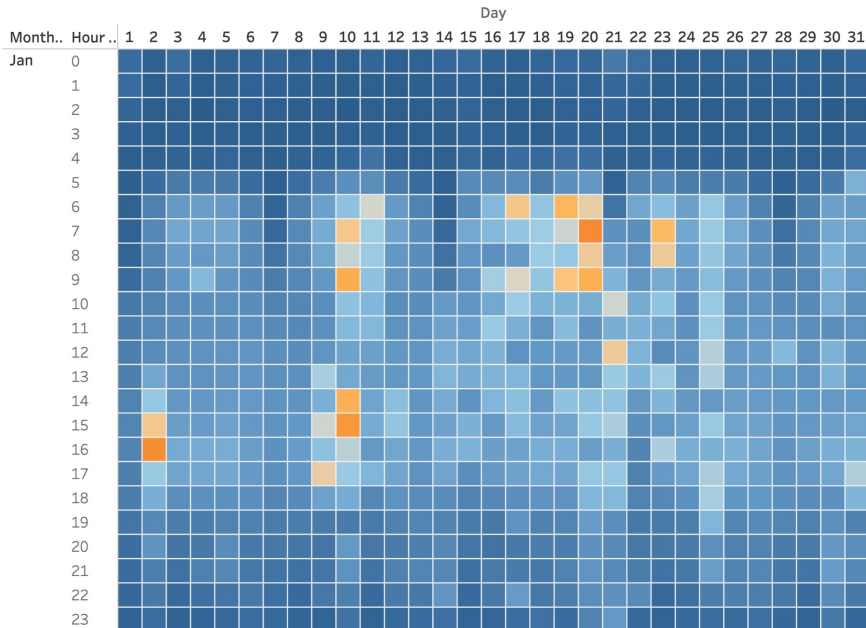
Patterns are reflected during the busiest travel times: rush hours to and from work.

A day with a holiday does not have a significantly higher or lower traffic volume throughout the day.

Holidays do not impact hourly traffic volume.

Traffic Volumes: Hours of the Day

Day of the month with hourly traffic breakdown



Thank you!