

Minnesota Interstate Traffic Volume

A Comprehensive Analysis of
Interstate Highway Traffic
Patterns



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Traffic congestion continues to escalate



... with no foreseeable
resolution in sight

Analyzing the data in 3 distinct charts



Monthly Volumes

Analyzing monthly traffic patterns for potential trends



Weather

Weather's impact on various aspects, including traffic



Holiday Travel

Unanticipated increases in travelers, including out-of-state visitors

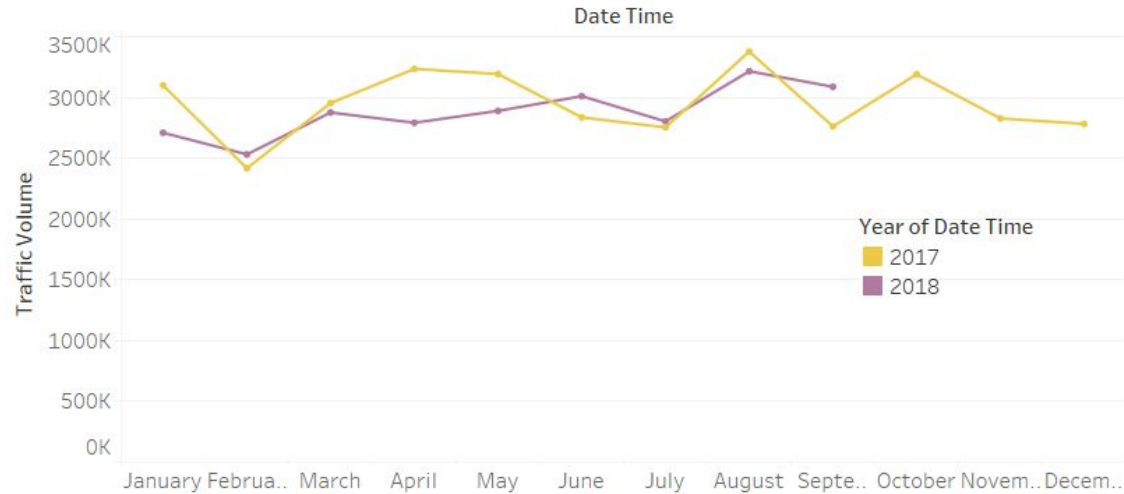
Monthly traffic volumes

August - Peak volume, potentially due to end-of-summer seasonal traffic

February - Lowest volume, optimal for construction changes

April - Significant drop in 2018, consistent patterns otherwise

Traffic Volumes: Month per Year



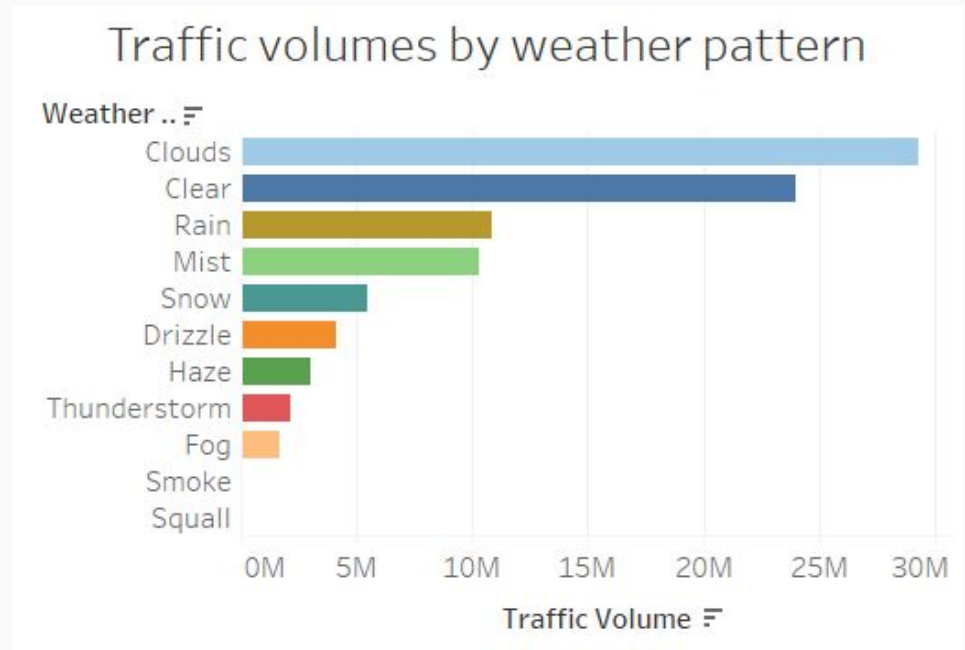
What role does weather play?

Clear/cloudy conditions result in the highest traffic volume.

Low-visibility conditions result in the lowest traffic volume.

Precipitation significantly affects traffic volume; many motorists continue driving in the rain..

Strategies for alleviating traffic issues on rainy days.



Highest Traffic On National Holidays In The United States



Holiday Travel

August - State fair starting in August

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

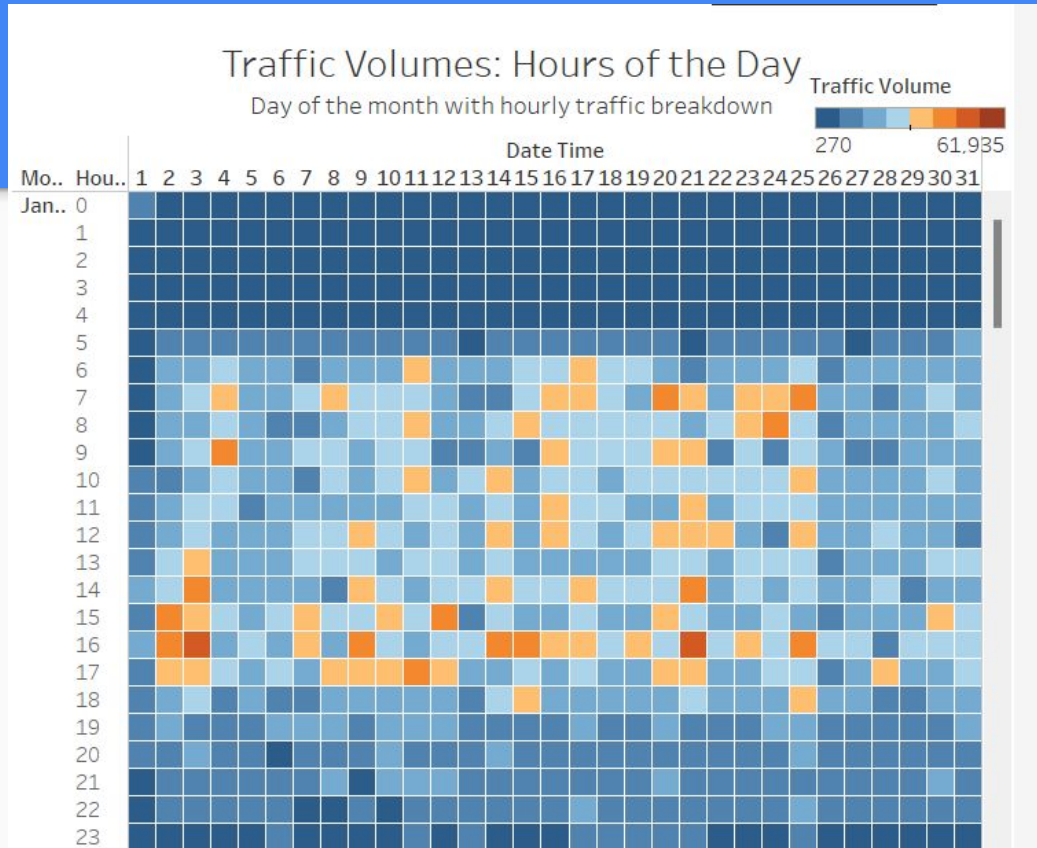
Most holidays have little impact on total traffic volume.

Hourly Traffic

Patterns evident during peak travel times, such as rush hours to and from work.

Holidays don't significantly affect daily traffic volume or hourly patterns.

Holidays do not impact hourly traffic volume.



**Thank
you!**