Minnesota Interstate Traffic Volume

An In-Depth Analysis of Traffic Patterns

The Challenge of Traffic Congestion

- Traffic congestion continues to grow with no end in sight.
- This analysis seeks to uncover patterns in traffic volume to inform strategies for managing congestion.

Analyzing Traffic Patterns

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

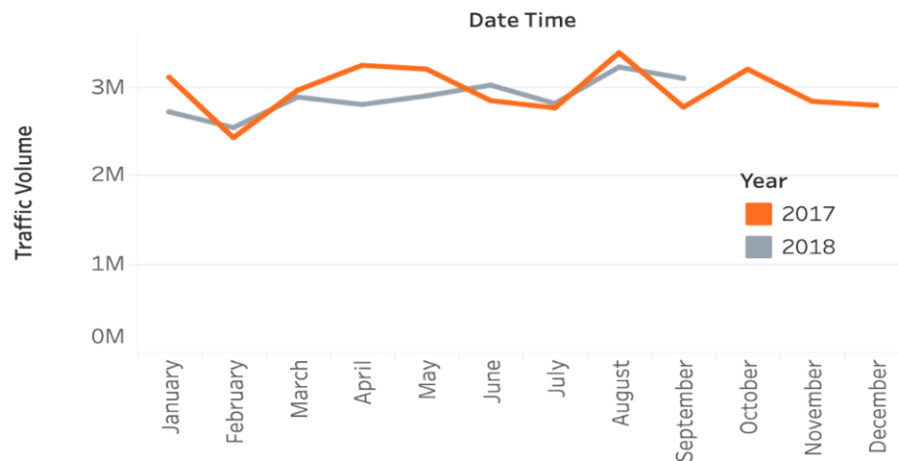Our roads may see more travelers (including out of state) than expected.

Monthly traffic volumes

Minnesota Interstate Traffic Volume
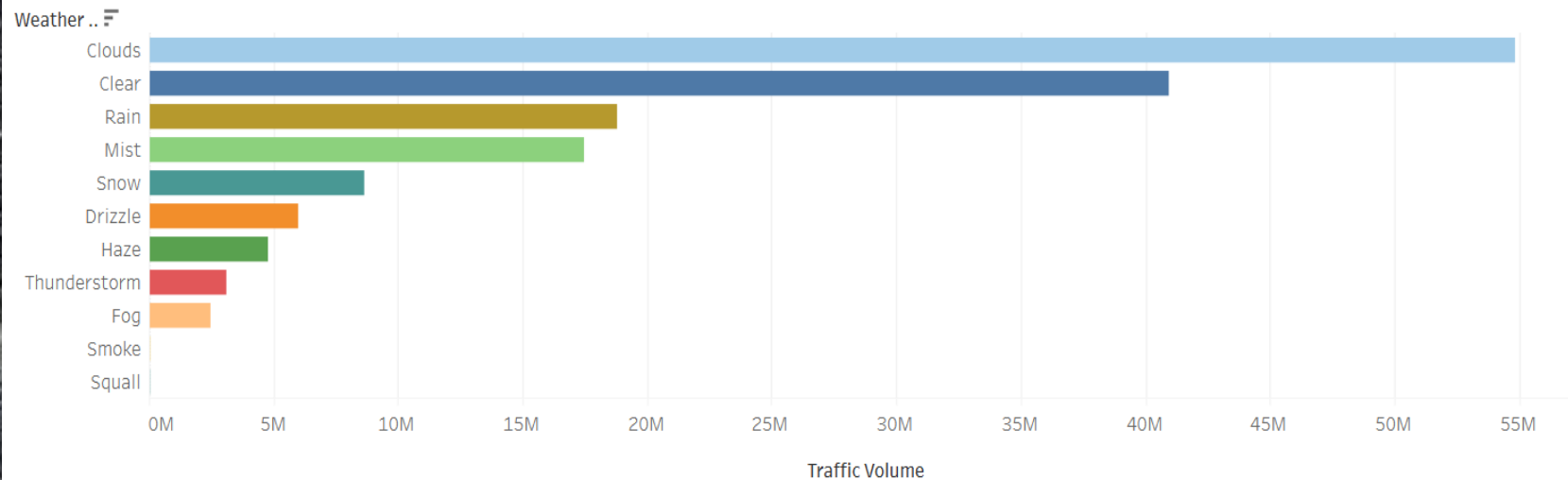
Timescale

Last 7 years ▼

Traffic Volumes: Month per Year

- **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**

Weather-Driven Traffic Trends
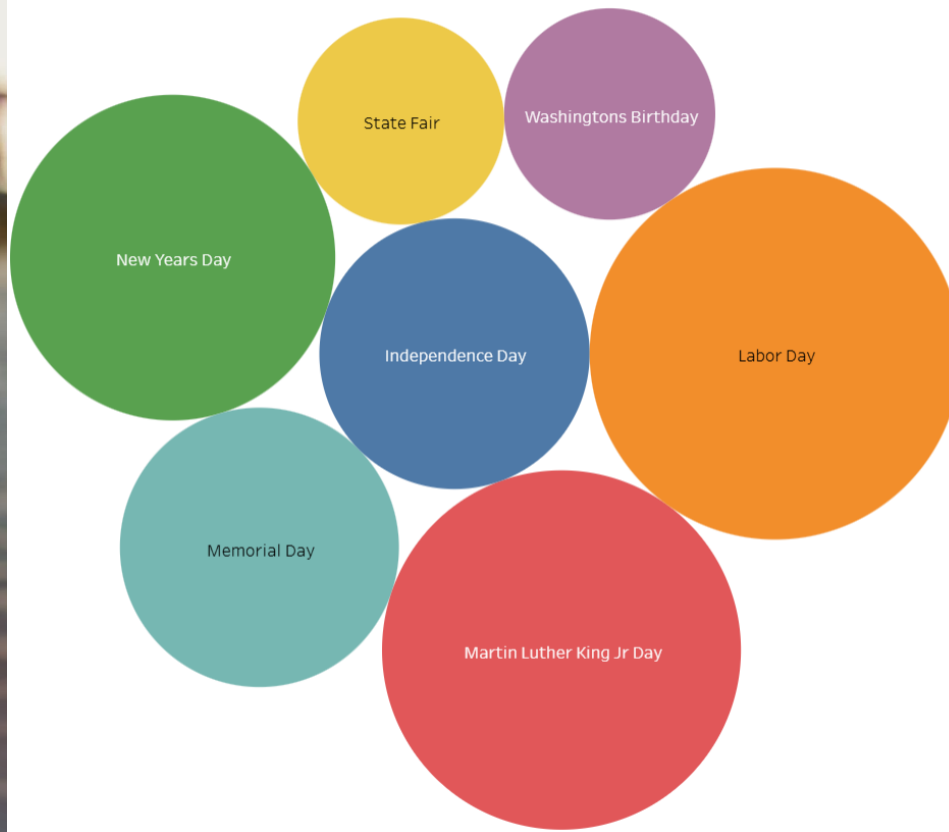

Traffic Volumes: Weather Type

- **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?**

Holiday Travel Trends

Highest Traffic on National Holidays in the United States

- **January -** High traffic on New Years and Martin Luther King Jr. Day contribute to most of January's total.
- **August -** State fair starting in August
- **Most holidays have little impact on total traffic volume.**

Thank You