

# 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

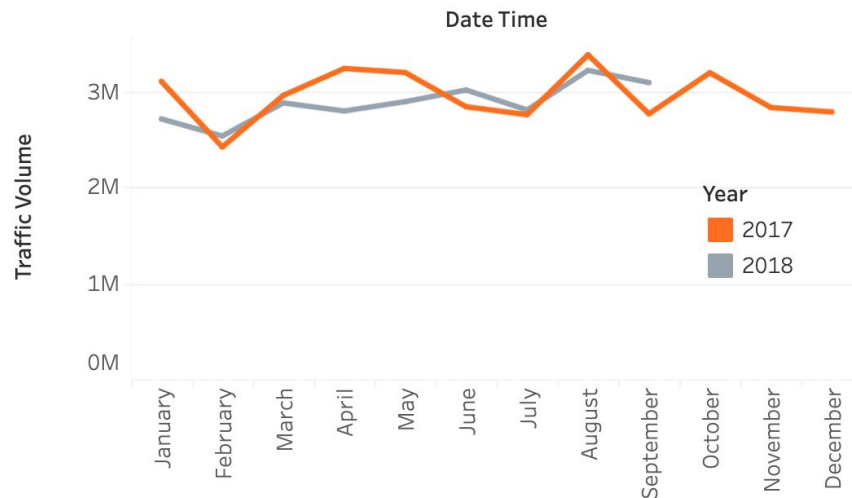
Fairly consistent/predictable patterns

## Minnesota Interstate Traffic Volume

Timescale

Last 7 years ▼

### Traffic Volumes: Month per Year



# What role does weather play?

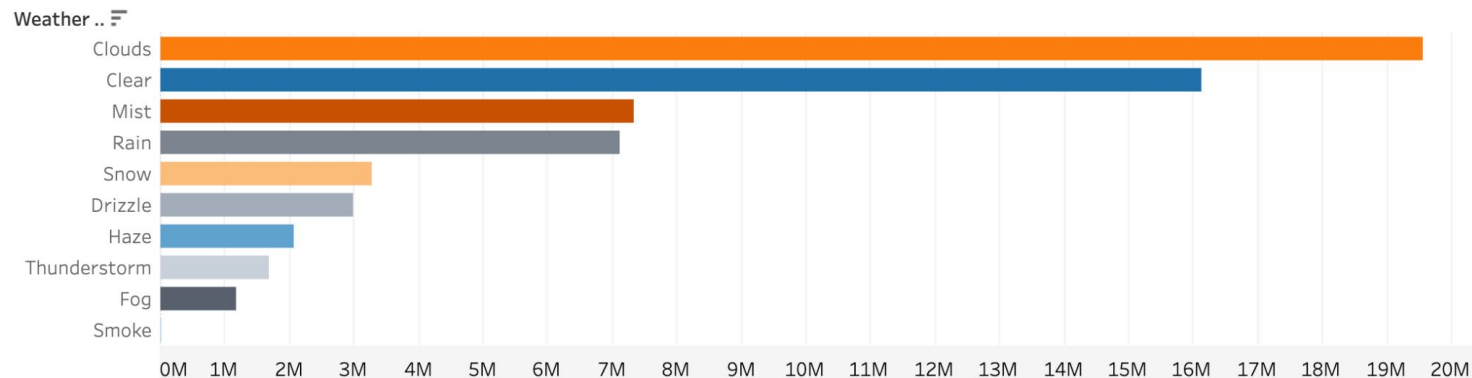
**Clear/cloudy conditions** result in the highest traffic volume.

**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.

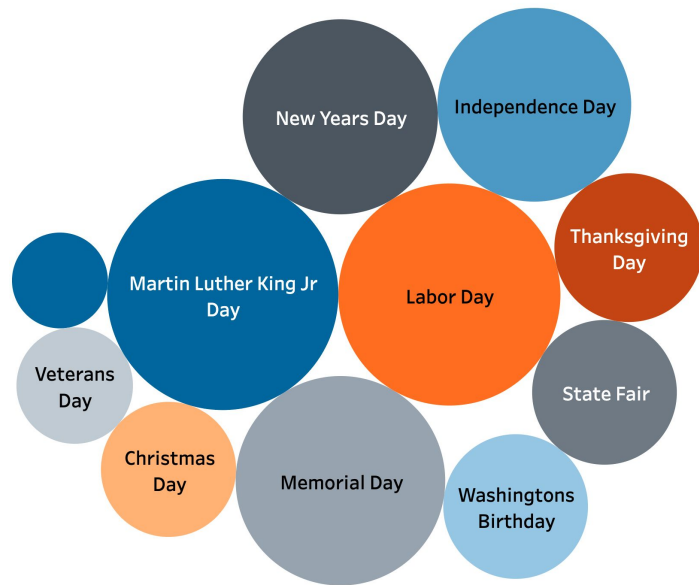
**What can we do to alleviate traffic issues on rainy days?**

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

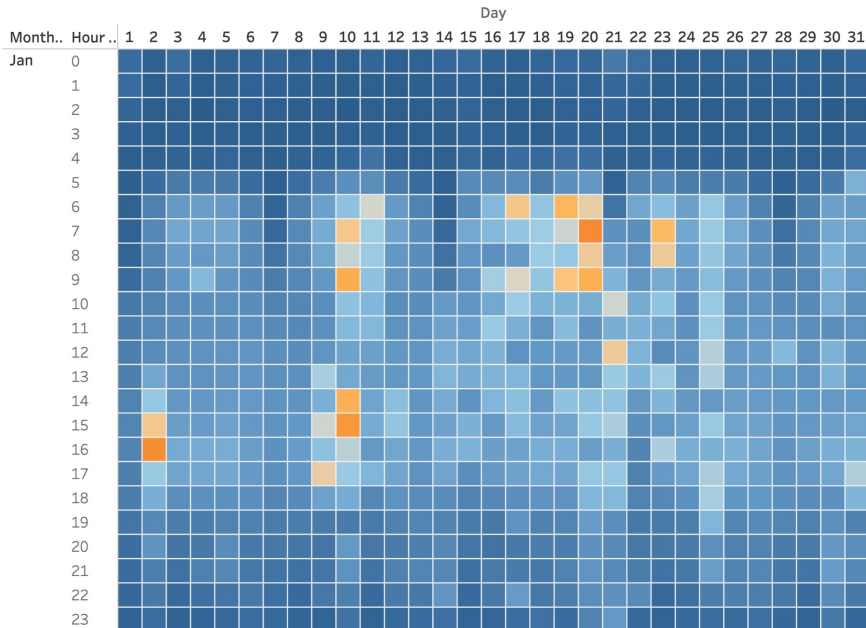
**Patterns are reflected** during the busiest travel times: rush hours to and from work.

**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!