DATA VISUALIZATION IN TABLEAU

WHICH KIND OF FLIGHT DELAYS HAVE THE MOST IMPACT?

Summary:

There are 7 types of flight delays: security , late aircraft, departure, arrival, airline, air system, and weather.
The most impacting type is departure delay.

Design:

Text tables are a conservative way to show very specific values to help the reader spot the exact values explained in the description.

Resources: N/A

Security Delay	4,702
Late Aircraft Delay	1,231,193
Departure Delay	2,649,459
Arrival Delay	1,322,517
Airline Delay	964,174
Air System Delay	697,937
Weather Delay	163,814

WHICH MONTH HAS THE HIGHEST NUMBER OF FLIGHT DELAYS?
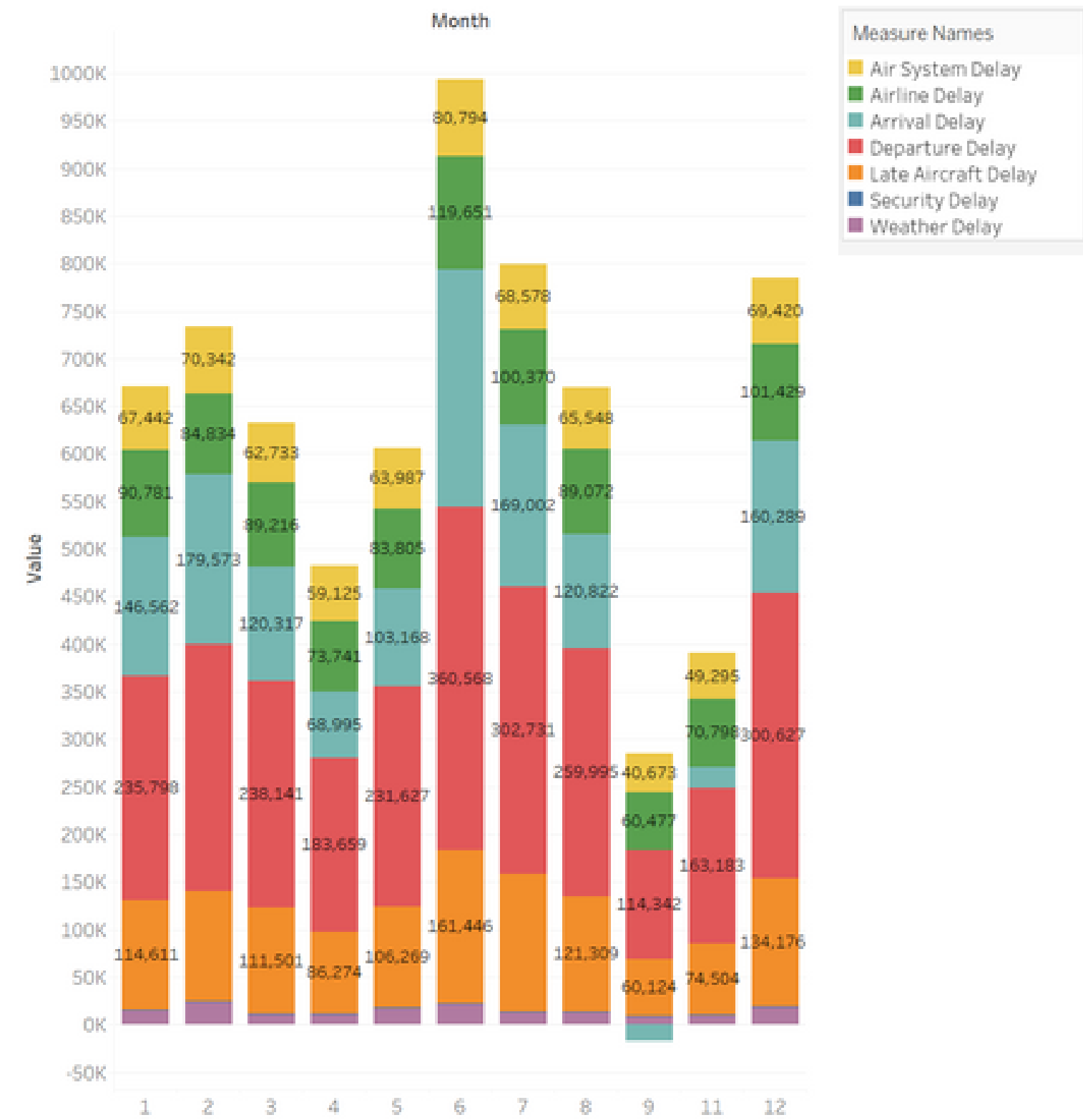
Summary:

As can be seen, June has the most effect, and all kinds of flight delays add to the overall total.
The departure delay is the most common kind of delay in June (with 360.568 minutes).

Design:

To compare categorical variables—flight delays—and determine which month had the most delay, I utilized a bar chart.

Resources: N/A

WHICH AIRLINE HAS THE HIGHEST NUMBER OF DEPARTURE DELAYS AT JUNE?

Summary:
The visualize shows where the most departure delays occurred: with airline WN (92,043).

Design:
I used a treemap as a way to show which airline names have the highest number of specific departure delays.

Resources: N/A