[Number of Cancelled Flights From Number og Flights in Each State Dashboard | Tableau Public](#)

Summary:

In this VIZ, I tried to know the number of cancelled flights in each State and found that Texas (TX) has the highest number of flights cancellation equal 668, the second State is Illinois (IL) equal 563 and California (CA) is the third State equal 408 cancelled flights.

After finding out that Texas has the highest number of cancelled flights, I tried to know did Texas had the highest total number of flights and that's why it had the highest cancellation? So, I made a bar chart to be able to know, but it turned out that California is the state that had the highest flights equal 33,331, but there is no much difference between it and Texas which had number of flights equal 32,612 but the strange thing is that Illinois wasn't the third one but was the fourth with number of flights equal 19,678 which is smaller than California, it is strange because it is the second state in flights cancellation even that it doesn't have high number of flights as California, which means that may be there was something common happened in Illinois and caused these flights cancellation, as the number of flights wasn't that hight to cause all these cancellations compared to the other states.

Design:

I used a map, as it is the most suitable for this case and to answer the question of finding the State that has the highest number of flights cancellation, I also made a filter to see the number of cancellations in each month and to find if there was a specific month that had a high number of cancellations or all the months ranged the same and it turned out that all months were similar and their wasn't a specific month that resulted in that high number, and filter can help to filter the bar chart and know number of flights in each state in each month with the cancellation number in the map, so it is useful to filter the dashboard and find insights.

I used a bar chart in the other chart to be able to understand connections and it was the clearest chart to see the highest number of flights in states.

Resource: N/A

[Number of Flights Cancelled in Each Airline | Tableau Public](#)

Summary:

At this VIZ, I wanted to know the number of cancelled flights in each airline and from the chart (WN) is the airline that has the highest cancellation flights equal 54,360 and the second highest is (EV) equal 800 and the smallest number of cancellations was (HA) equal 6, I also put number of flights in each airline to be able to compare the number of flights and the number of cancellations.

Design:

I used pie chart as it was suitable to compare total number of flights in each airline with the number of cancellations. I also added total number of flights in tooltip, so we can know if this airline has high number of flights or not and I put a month filter.

Resource: N/A

[Airline Delay in each month in different states | Tableau Public](#)

Summary:

In this VIZ, I wanted to see the airline delays in each month for each state, so I used state as filter to be able to compare states with each other in the same month.

Design:

I used line chart as it is the suitable chart to see airline delays in each month and we can see clearly the changes of airline delays over time in each month, and with the filter we can compare states together.

Resource: N/A