

**insight 1:** what are the states most canceled flights?

**links:**

[https://public.tableau.com/app/profile/yasmin.talkhan/viz/cancelledmap\\_16510976171440/Dashboard1?publish=yes](https://public.tableau.com/app/profile/yasmin.talkhan/viz/cancelledmap_16510976171440/Dashboard1?publish=yes)

**summary:**

The dashboard describes the states with the most canceled trips during the year. From the possibility of filtering the data, we show that (texas) is the most canceled trips with (668 trips) canceled during the year, followed by (Illinois) with (563 trips) canceled during the year.

**design:**

use the dashboard to display more than one chart, where the bar chart shows the states that are the most canceled for trips by comparing the lengths of the bars, for all and considerate the people with color blindness

**resource:** <https://www.kaggle.com/usdot/flight-delays/data>

**insight 2:** what are the most common reasons for canceling flights?

**links:**

[https://public.tableau.com/app/profile/yasmin.talkhan/viz/cancellationreason\\_16511020255740/cancellationreason?publish=yes](https://public.tableau.com/app/profile/yasmin.talkhan/viz/cancellationreason_16511020255740/cancellationreason?publish=yes)

**summary:**

The most common reason for canceling flights is the weather, where (2397 flights) were canceled followed by the airline with a number of (1260 flights), and the final reason is the national air system with a number of (776 flights).

**design:**

using pie chart because the comparisons are limited and it shows who has the most reasons for cancellation. the selection of colors come to be readable to all and into consideration for the people with color blindness.

**resource:** <https://www.kaggle.com/usdot/flight-delays/data>

**insight 3:** what are the airlines most canceled due to weather? more than 200 cancellation

**links:**

<https://public.tableau.com/app/profile/yasmin.talkhan/viz/airlinemostdelay/airlinemostdelay?publish=yes>

**summary:**

the airlines with the most flight cancellations, first (southwest airlines co.) with 818 flights canceled

followed by (atlantic southeast airlines) with 800 flights canceled, then (american eagle airlines inc.) with 723 flights canceled due to weather.

**design:**

using the bubble chart because the comparisons are limited, and the choice of color to be readable to all and into consideration for the people with color blindness.

**resource:** <https://www.kaggle.com/usdot/flight-delays/data>