Flight Delays Dashboard

5819079
Count of flights
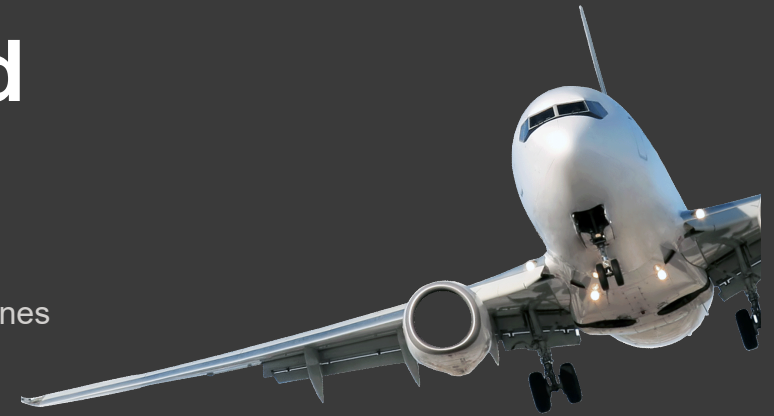
322
Count of airports
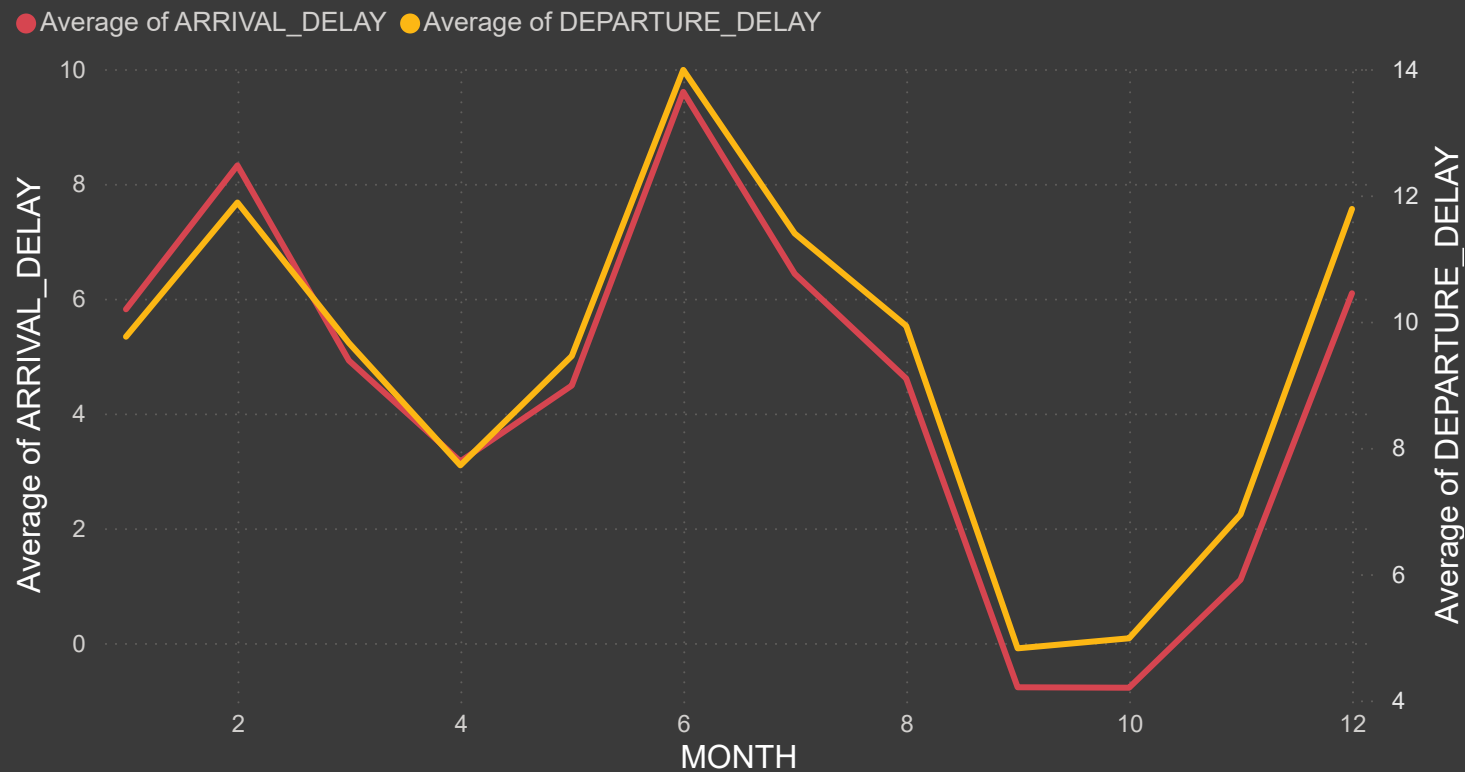
54
Count of STATE

14
Count of airlines

Average of delay by month

- Average of ARRIVAL_DELAY
- Average of DEPARTURE_DELAY

This chart shows the average arrival and departure delays across different months. Seasonal trends, weather conditions, and holidays may contribute to variations in delays.
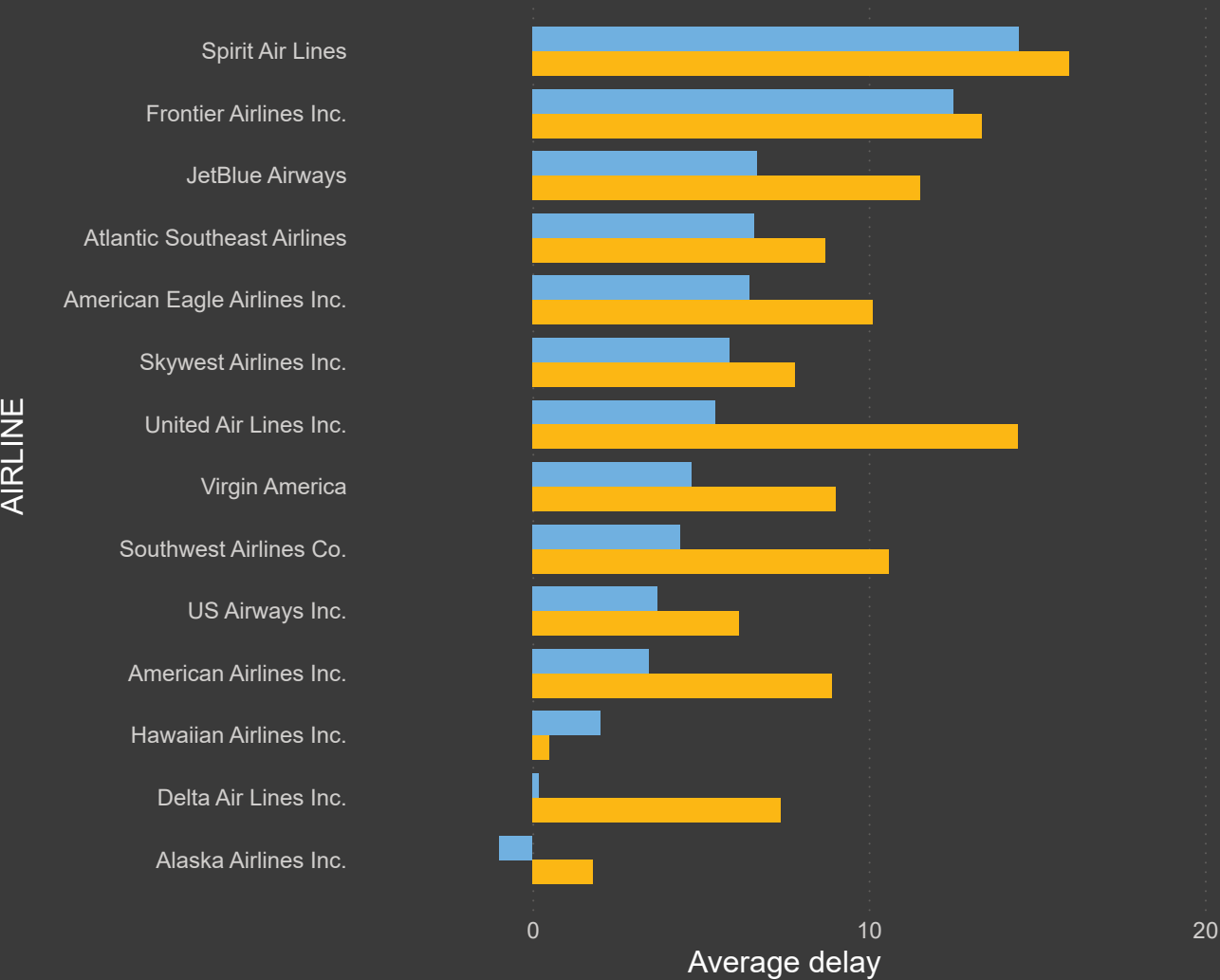
City Distribution

Microsoft Bing
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This map highlights the geographic distribution of cities.

Average of delay by AIRLINE

● Average of ARRIVAL_DELAY   ● Average of DEPARTURE_DELAY

AIRLINE:
- Spirit Air Lines
- Frontier Airlines Inc.
- JetBlue Airways
- Atlantic Southeast Airlines
- American Eagle Airlines Inc.
- Skywest Airlines Inc.
- United Air Lines Inc.
- Virgin America
- Southwest Airlines Co.
- US Airways Inc.
- American Airlines Inc.
- Hawaiian Airlines Inc.
- Delta Air Lines Inc.
- Alaska Airlines Inc.

Average delay: 0, 10, 20

number of cancellation by month

Sum of CANCELLED: 0K, 10K, 20K
MONTH: 0, 5, 10
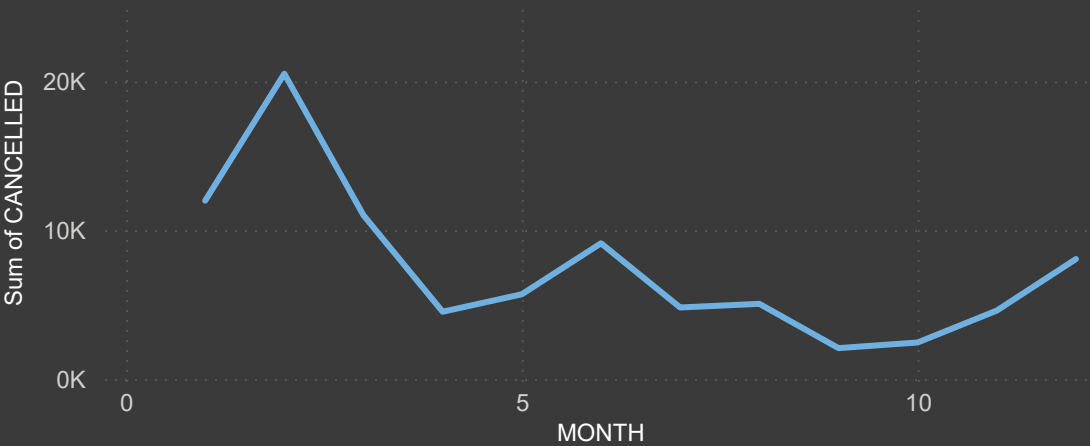
Displays the monthly trend of flight cancellations. Weather conditions, mechanical issues, and airline policies could influence these numbers.

number of diverted flight by month

Sum of DIVERTED: 1000, 1500, 2000
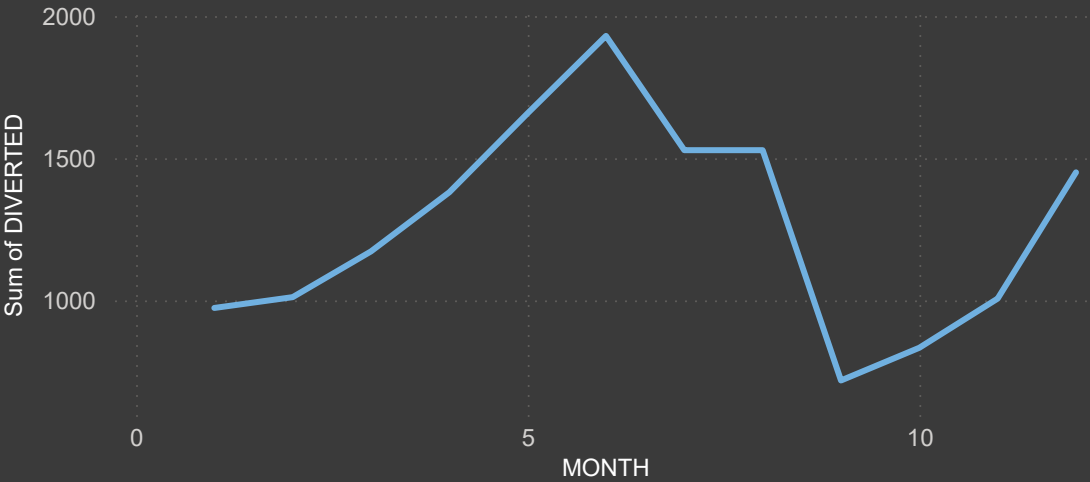MONTH: 0, 5, 10

This visualization compares the average delays for different airlines. Some airlines may have better on-time performance due to fleet efficiency, airport hubs, or operational strategies.
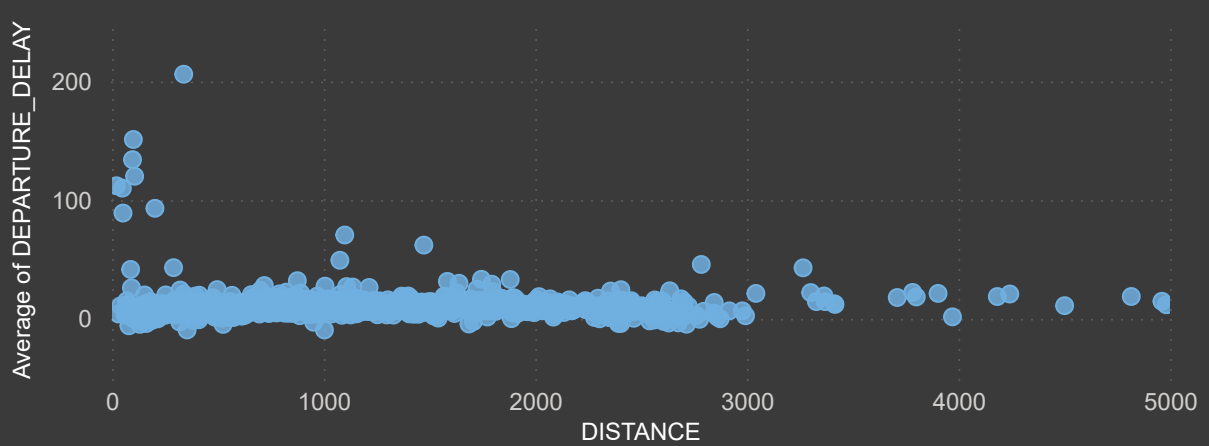
Shows how often flights are diverted each month. Diversions typically occur due to bad weather, technical issues, or airport congestion.

Average of ARRIVAL_DELAY by DISTANCE
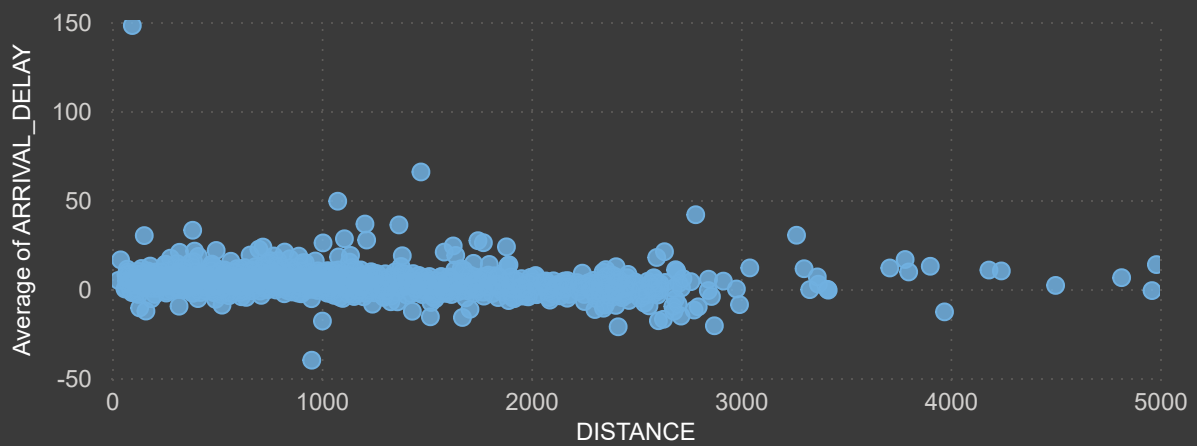
Average of DEPARTURE_DELAY by DISTANCE
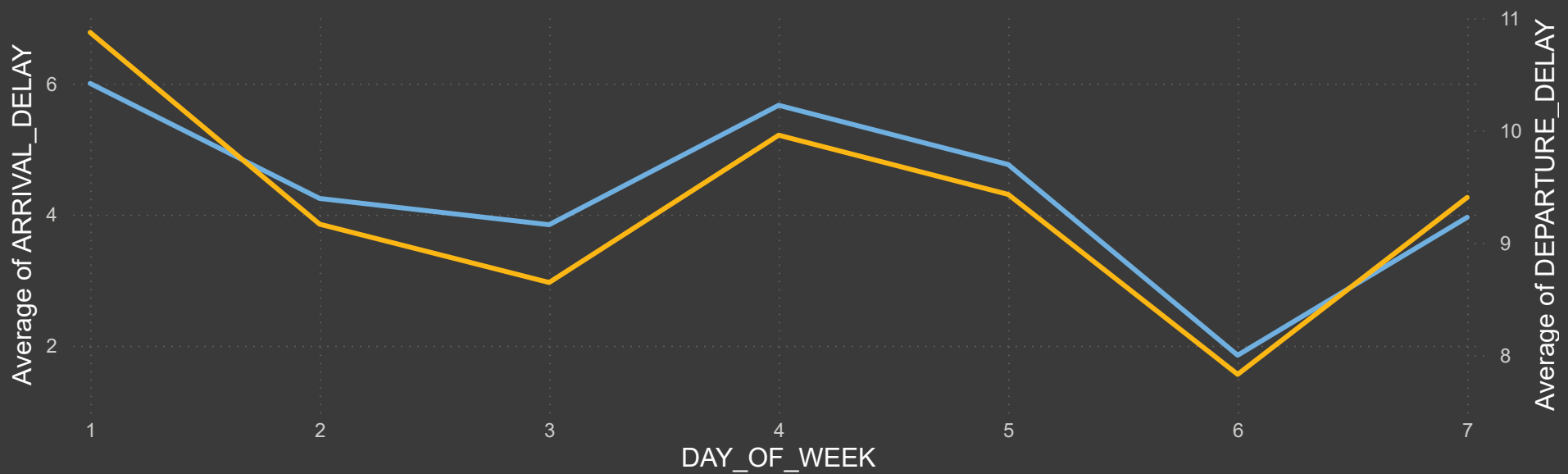
Analyzes how flight distance affects delays. Shorter flights may experience higher delays due to congestion, while longer flights might be more affected by scheduling buffers.
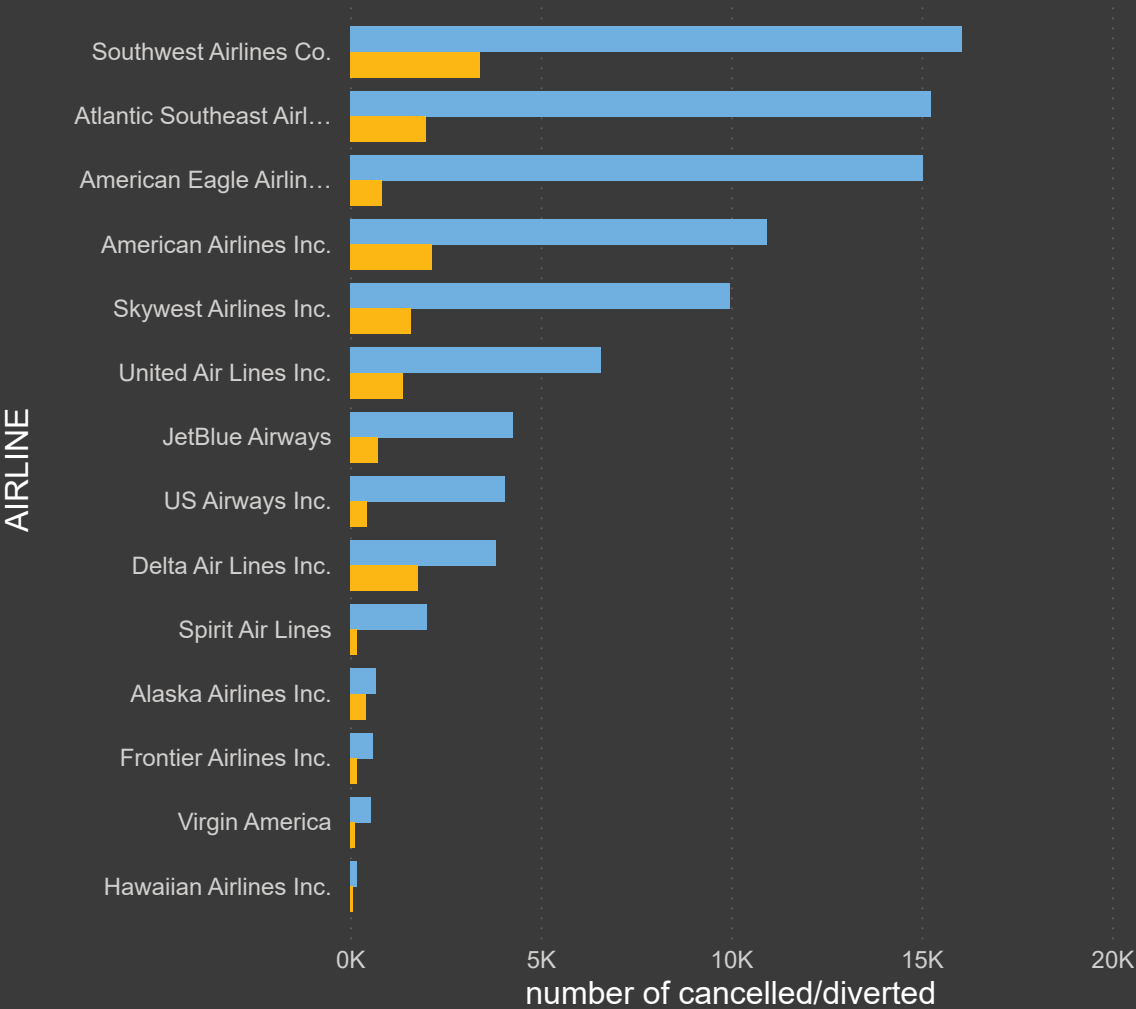
Average of delay by DAY_OF_WEEK

● Average of ARRIVAL_DELAY ● Average of DEPARTURE_DELAY

Examines whether certain days have higher delays. Weekends or peak business travel days might see different delay patterns.
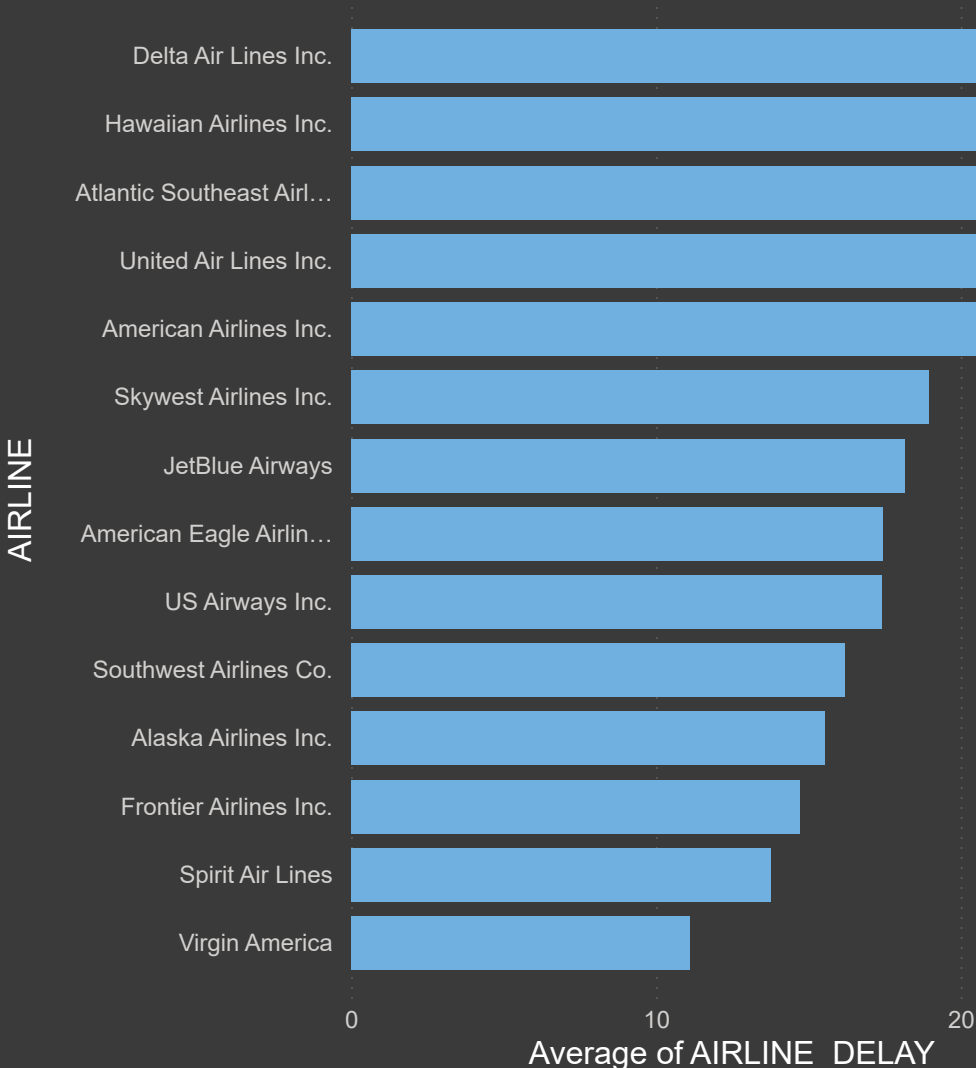
Sum of CANCELLED and Sum of DIVERTED by AIRLINE

● Sum of CANCELLED ● Sum of DIVERTED

AIRLINE (top to bottom):
- Southwest Airlines Co.
- Atlantic Southeast Airl…
- American Eagle Airlin…
- American Airlines Inc.
- Skywest Airlines Inc.
- United Air Lines Inc.
- JetBlue Airways
- US Airways Inc.
- Delta Air Lines Inc.
- Spirit Air Lines
- Alaska Airlines Inc.
- Frontier Airlines Inc.
- Virgin America
- Hawaiian Airlines Inc.

X-axis: number of cancelled/diverted — 0K, 5K, 10K, 15K, 20K

Compares airlines based on the number of cancelled and diverted flights. Some airlines may handle disruptions better than others

Average of AIRLINE_DELAY by AIRLINE

AIRLINE (top to bottom):
- Delta Air Lines Inc.
- Hawaiian Airlines Inc.
- Atlantic Southeast Airl…
- United Air Lines Inc.
- American Airlines Inc.
- Skywest Airlines Inc.
- JetBlue Airways
- American Eagle Airlin…
- US Airways Inc.
- Southwest Airlines Co.
- Alaska Airlines Inc.
- Frontier Airlines Inc.
- Spirit Air Lines
- Virgin America

X-axis: Average of AIRLINE_DELAY — 0, 10, 20

This chart ranks airlines based on their overall flight delays. Operational efficiency and airport hubs play a role in these rankings.

8 ⌄

Average of ARRIVAL_DELAY

4.61

-80   1898

Average of AIRLINE_DELAY

19.33

0   1878

Average of DEPARTURE_DELAY

9.93

-42   1878

Average of LATE_AIRCRAFT_DELAY

23.85

0   807

Average of WEATHER_DELAY

2.82

0   896

Sum of CANCELLED by AIRLINE

100%

Airline	Value
Southwest Airlines Co.	
Skywest Airlines Inc.	1K
American Airlines Inc.	1K
Atlantic Southeast Airlines	1K
American Eagle Airlines Inc.	1K
United Air Lines Inc.	0K
JetBlue Airways	0K
Spirit Air Lines	0K
Delta Air Lines Inc.	0K
Hawaiian Airlines Inc.	0K
Alaska Airlines Inc.	0K
Frontier Airlines Inc.	0K
Virgin America	0K

2.3%

Average of DELAY by ORIGIN_AIRPORT

● Average of ARRIVAL_DELAY ● Average of DEPARTURE_DELAY

ORIGIN_AIRPORT

This chart shows how flights perform in terms of both arrival and departure delays at various origin airports. Each airport is listed along the horizontal axis, and the vertical axis displays the average delay (in minutes). Bars for arrival and departure delays allow quick comparison of how each origin airport influences flight timeliness.
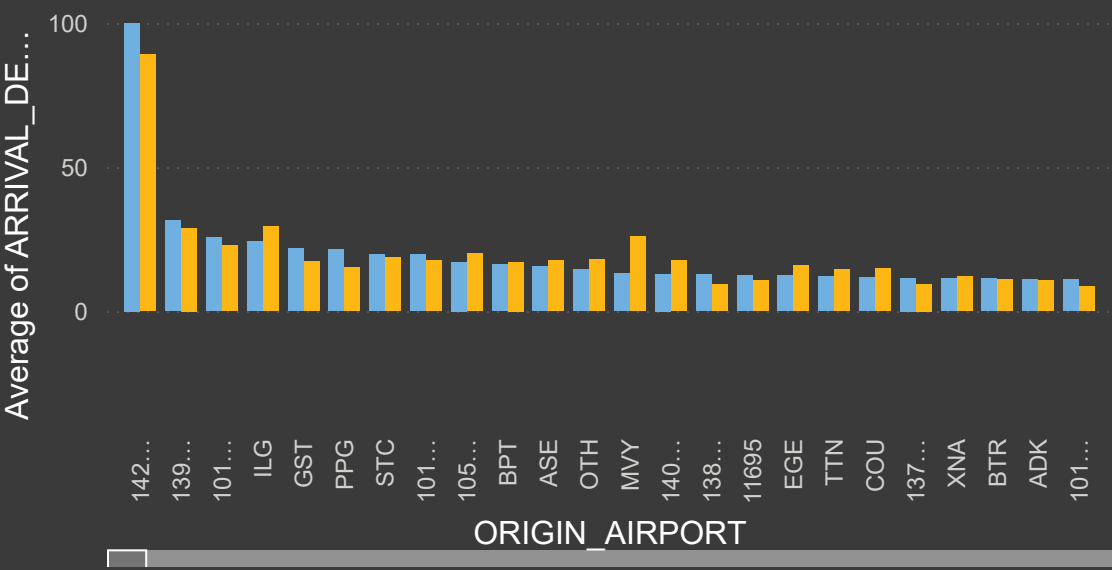
This chart looks at flights from the perspective of their destination airports. Again, the horizontal axis shows different airports, while the vertical axis reflects the average delay in minutes. By comparing the bars, you can see which destinations tend to have higher or lower arrival and departure delays overall.

Average of DELAY by DESTINATION_AIRPORT

● Average of ARRIVAL_DELAY ● Average of DEPARTURE_DELAY

DESTINATION_AIRPORT