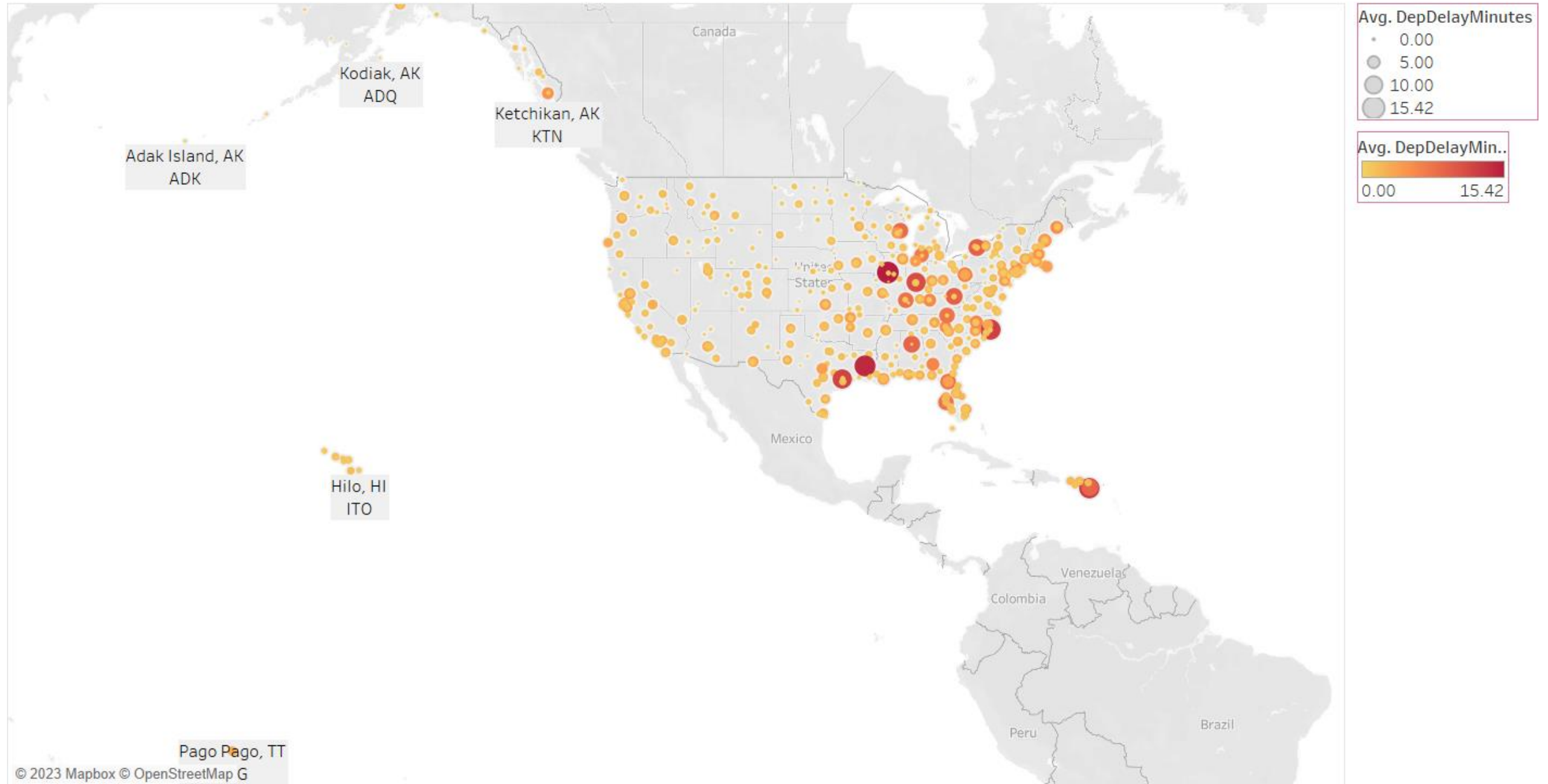


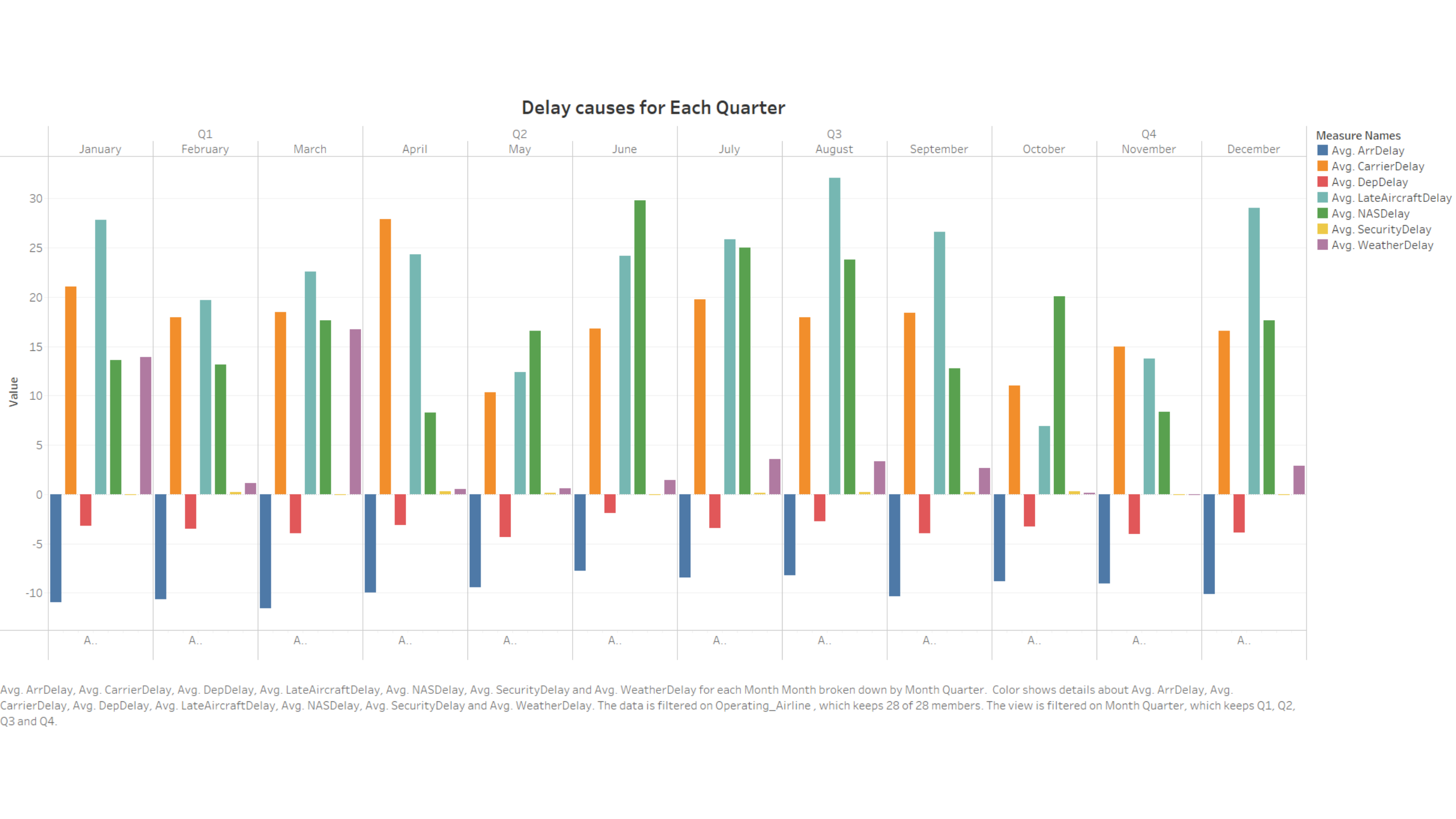
# Tableau flights delay

File created on: 25-08-2023 12:35:47

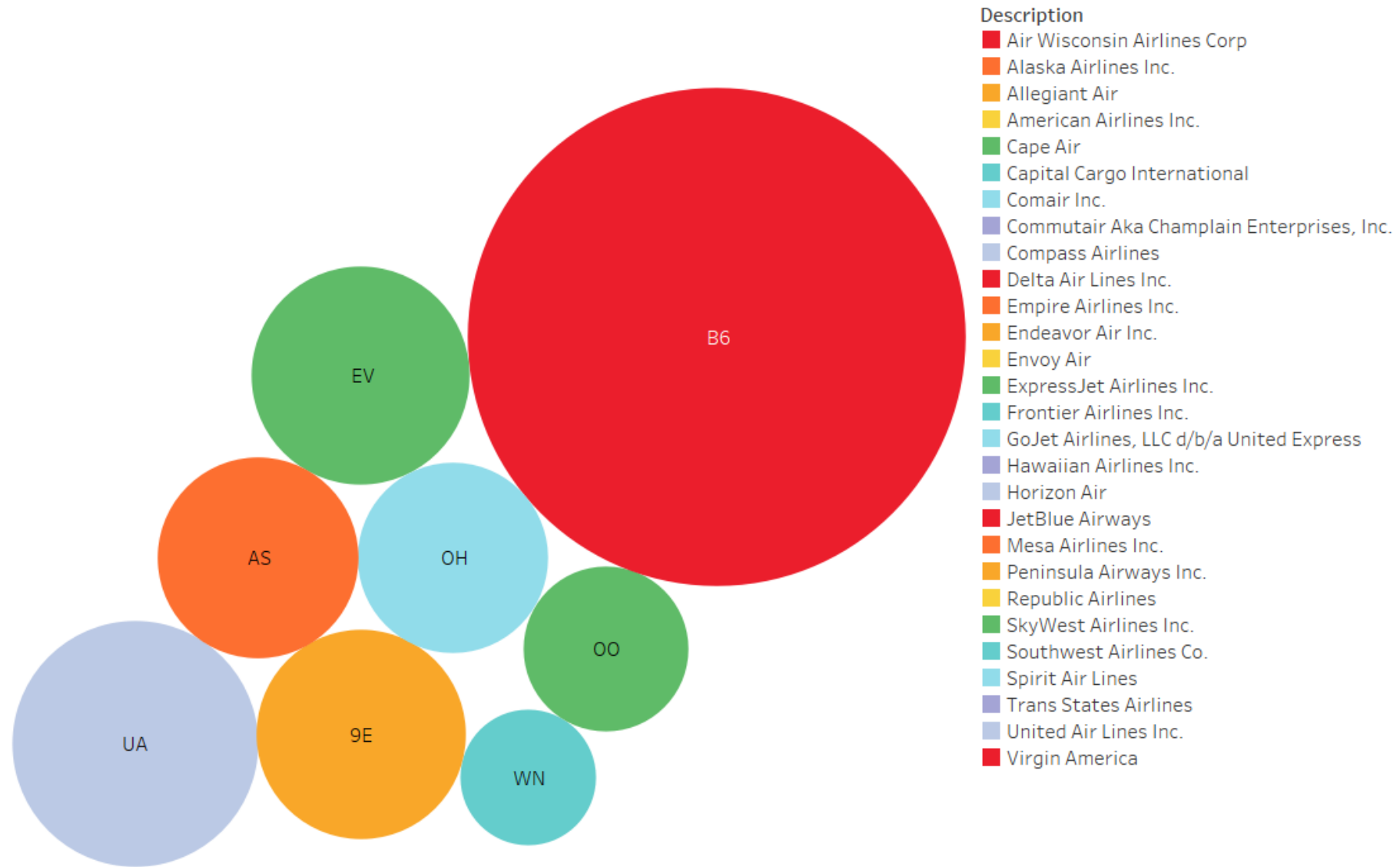
## Departure Delays for Each Airport and City



Map based on Longitude (generated) and Latitude (generated). Color shows average of DepDelayMinutes. Size shows average of DepDelayMinutes. The marks are labeled by DestCityName and Dest. Details are shown for Description. The data is filtered on Month Quarter, Operating\_Airline and Action (Description, Operating\_Airline). The Month Quarter filter keeps Q1, Q2, Q3 and Q4. The Operating\_Airline filter keeps 28 of 28 members. The Action (Description, Operating\_Airline) filter keeps 1,571 members.

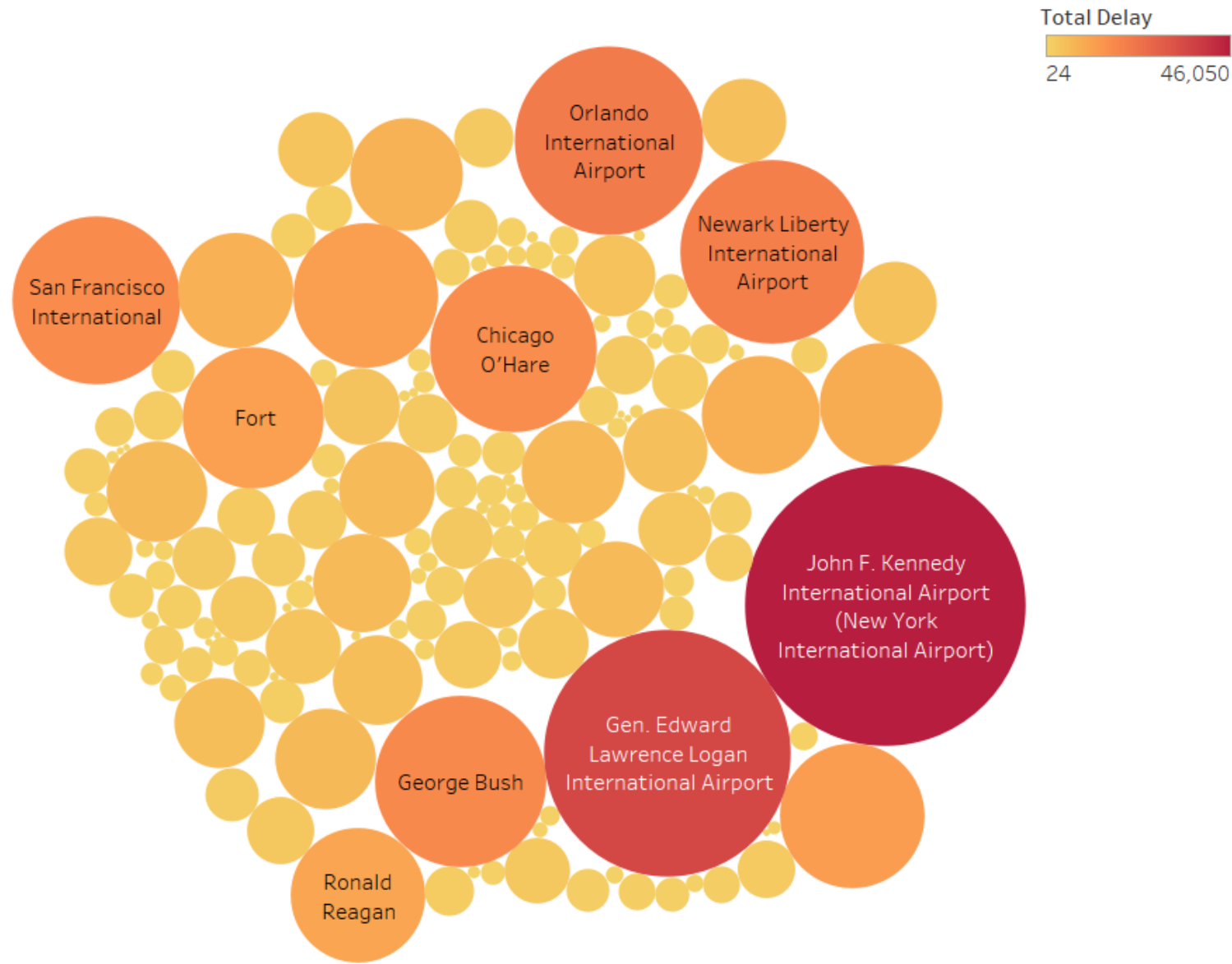


## Highest Airline Delays on Quarterly Basis



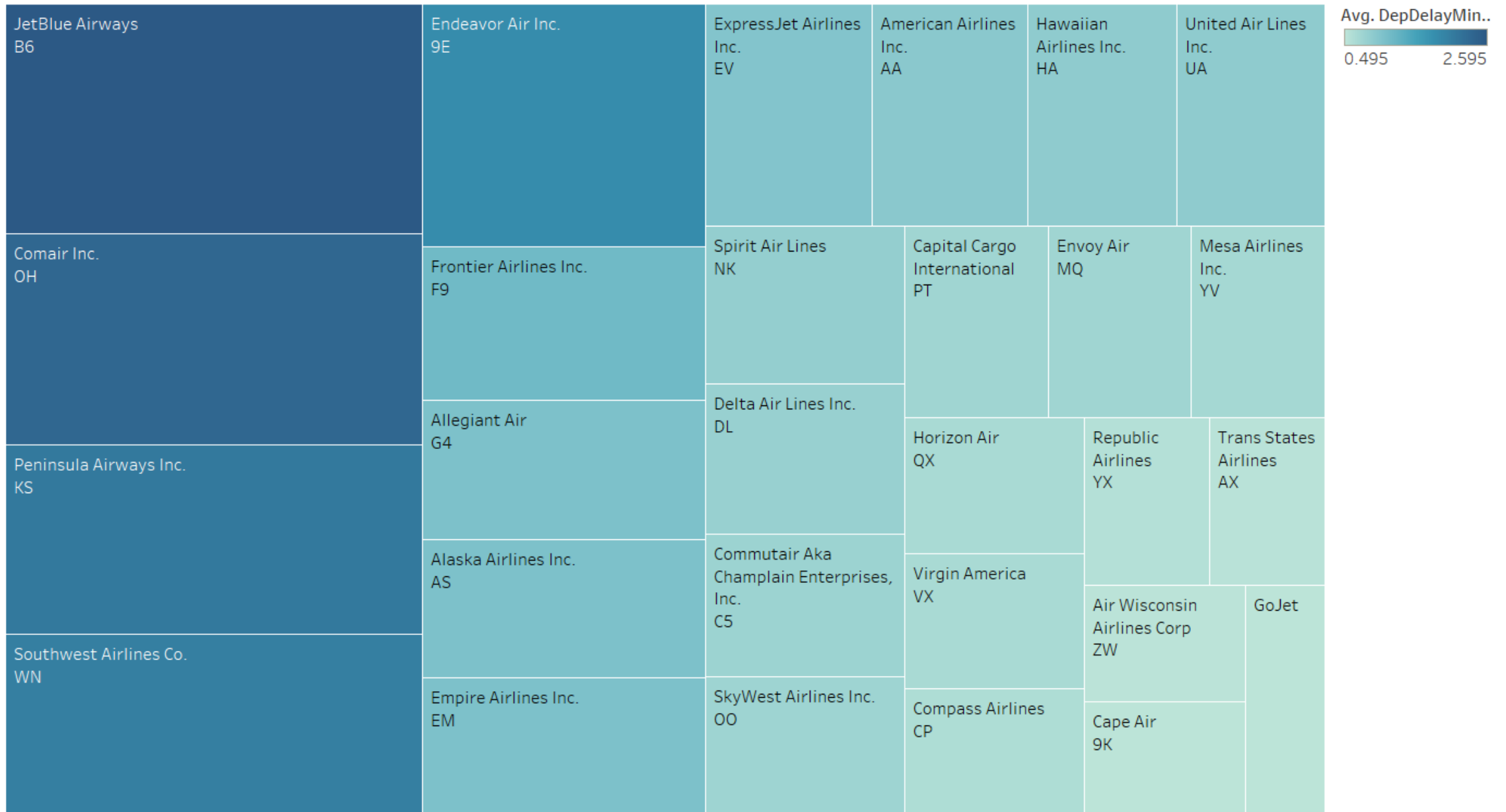
Operating\_Airline . Color shows details about Description. Size shows sum of Total Delay. The marks are labeled by Operating\_Airline . The data is filtered on Month Quarter and Action (QUARTER(Month)). The Month Quarter filter keeps Q1, Q2, Q3 and Q4. The Action (QUARTER(Month)) filter keeps 4 members.

## Total Number of Delays for Each Airport



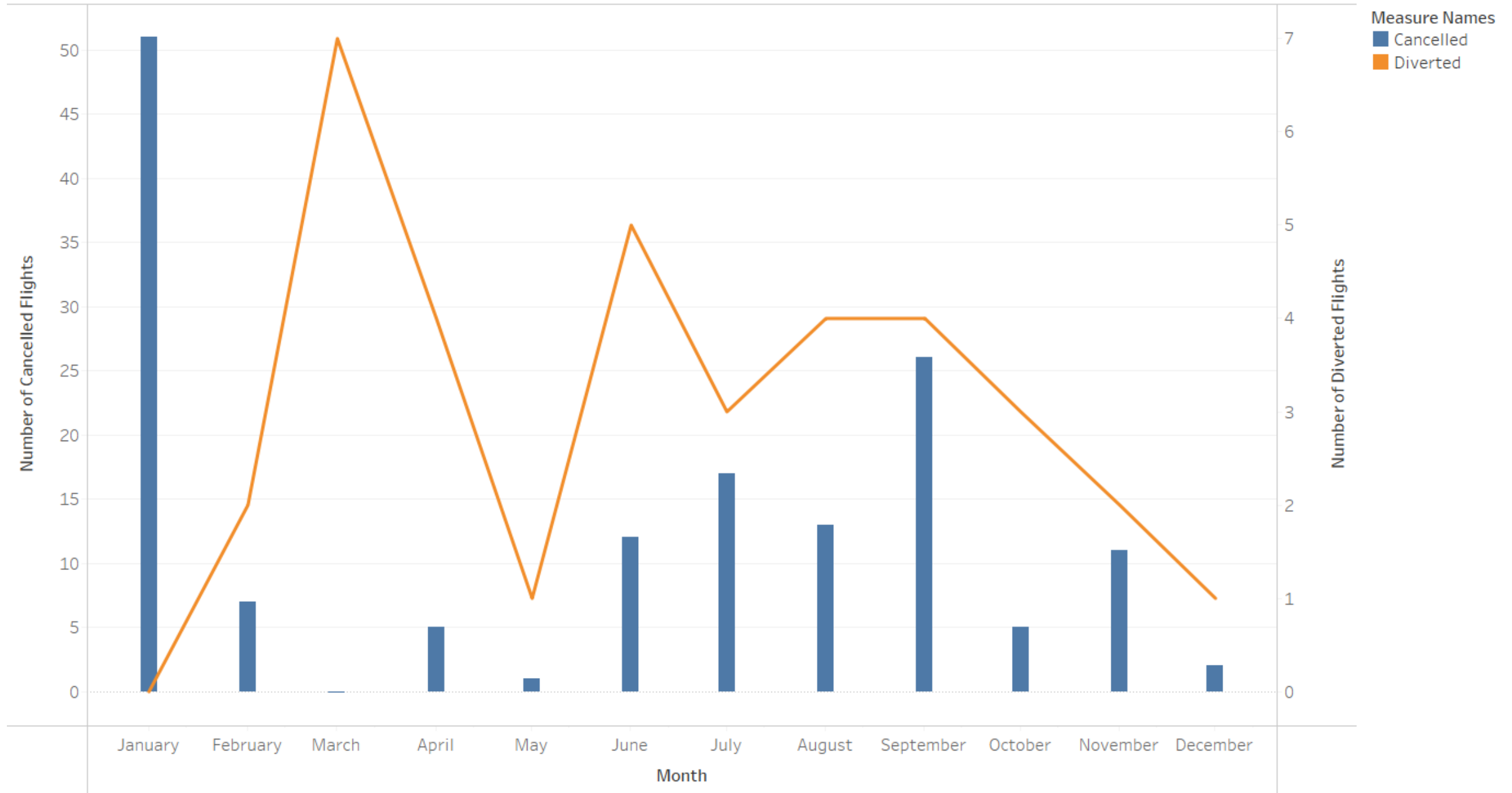
Airport. Color shows sum of Total Delay. Size shows sum of Total Delay. The marks are labeled by Airport. The data is filtered on Action (Country,State), which keeps 55 members. The view is filtered on sum of Total Delay, which includes everything.

## Central Tendency Measures for Each Airline



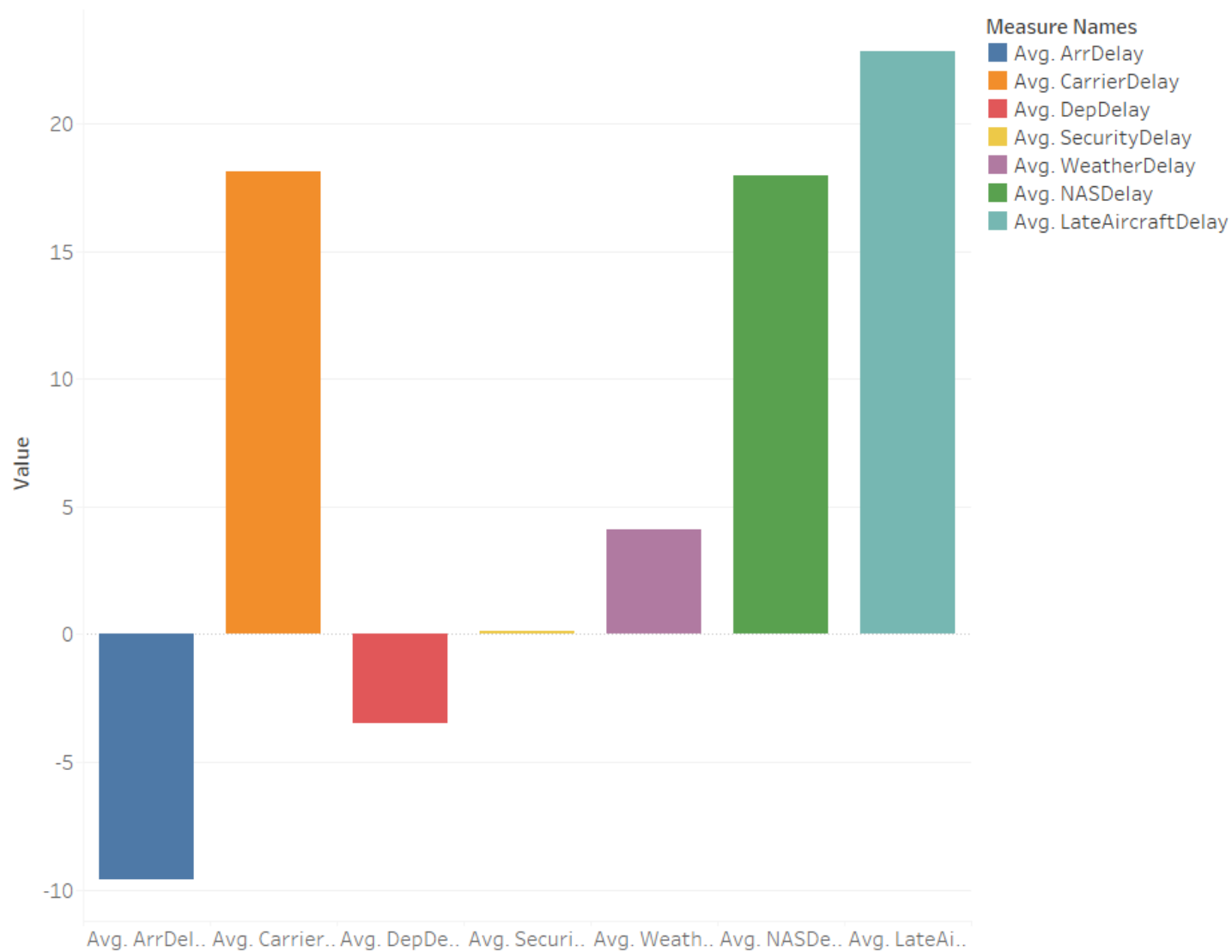
Description and Operating\_Airline . Color shows average of DepDelayMinutes. Size shows average of DepDelayMinutes. The marks are labeled by Description and Operating\_Airline . The data is filtered on Month Quarter, which keeps Q1, Q2, Q3 and Q4. The view is filtered on Description, Operating\_Airline and median of DepDelayMinutes. The Description filter excludes Null. The Operating\_Airline filter keeps 28 of 28 members. The median of DepDelayMinutes filter ranges from 0 to 9.

## Diverted and Cancelled Flights for 2018



The trends of Cancelled and Diverted for Month Month. Color shows details about Cancelled and Diverted. The data is filtered on Month Month, which keeps multiple members.

# Causes of Delay for Each Airline



Avg. ArrDelay, Avg. CarrierDelay, Avg. DepDelay, Avg. SecurityDelay, Avg. WeatherDelay, Avg. NASDelay and Avg. LateAircraftDelay. Color shows details about Avg. ArrDelay, Avg. CarrierDelay, Avg. DepDelay, Avg. SecurityDelay, Avg. WeatherDelay, Avg. NASDelay and Avg. LateAircraftDelay. The data is filtered on Operating\_Airline , Action (Airport), Action (Country,State) and Action (MONTH(Month)). The Operating\_Airline filter keeps 28 of 28 members. The Action (Airport) filter keeps 323 members. The Action (Country,State) filter keeps 55 members. The Action (MONTH(Month)) filter keeps 12 members.



## Average Delay Minutes for Each State



Map based on Longitude (generated) and Latitude (generated). Color shows average of ArrDelayMinutes. Details are shown for Country and State. The data is filtered on Action (Airport), which keeps 323 members. The view is filtered on average of DepDelayMinutes and average of ArrDelayMinutes. The average of DepDelayMinutes filter ranges from 0.639 to 4.568. The average of ArrDelayMinutes filter ranges from 0.854 to 4.023.

Central Tendency Measures for Each Airline

Operating\_Airline  
All

Avg. DepDelayMinutes  
0.495 2.595

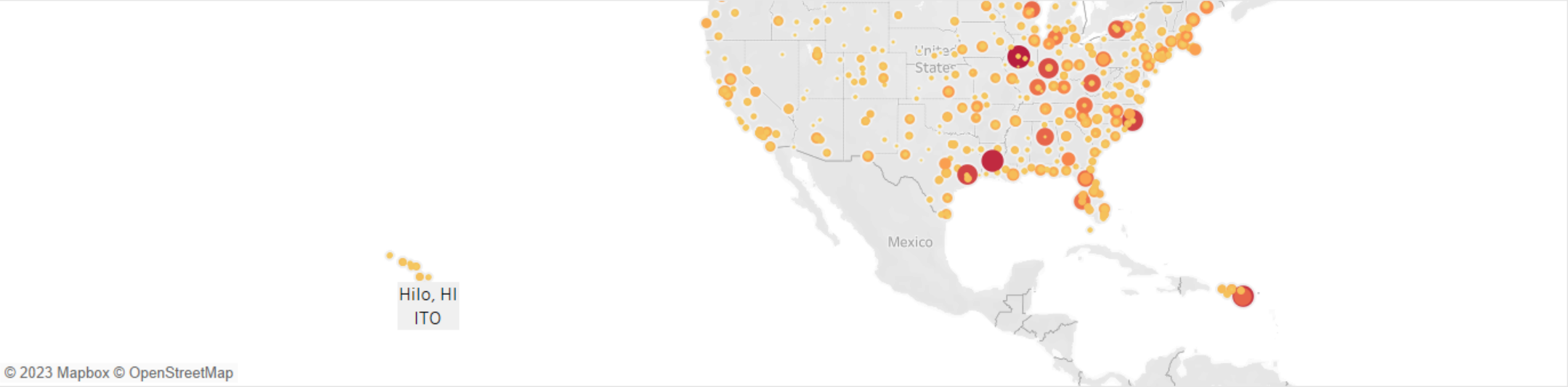
Avg. DepDelayMinutes  
0.00 15.42

Avg. DepDelayMinutes  
• 0.00  
○ 5.00  
○ 10.00  
○ 15.42

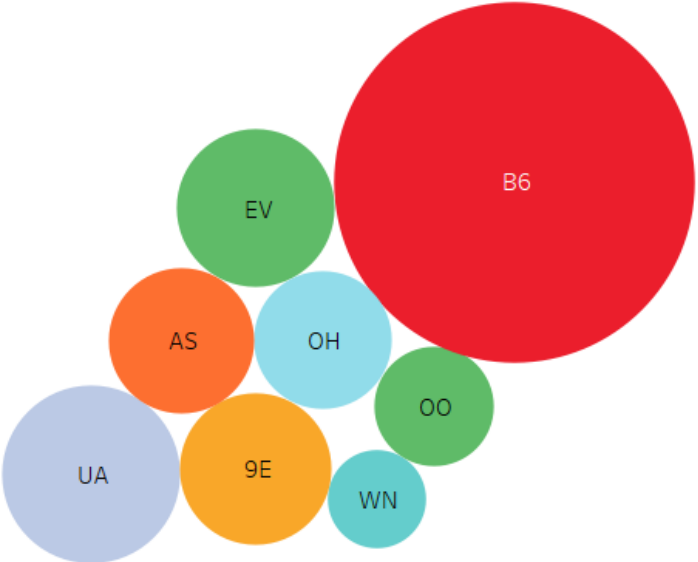
Quarter of Month  
☒ Q1  
☒ Q2  
☒ Q3  
☒ Q4

JetBlue Airways B6	Peninsula Airways Inc. KS	Endeavor Air Inc. 9E	Alaska Airlines Inc. AS	American Airlines Inc. AA	Delta Air Lines Inc. DL	Envoy Air MQ	Mesa Airlines Inc. YV	Horizon Air QX
			Empire Airlines Inc. EM	Hawaiian Airlines Inc. HA	Commutair Aka Champlain Enterprises, Inc.			
		Frontier Airlines Inc. F9		United Air Lines Inc. UA	SkyWest Airlines Inc. OO	Virgin America VX	Trans States Airlines AX	Air
		Allegiant Air G4	ExpressJet Airlines Inc. EV	Spirit Air Lines NK	Capital Cargo International PT	Compass Airlines	Cape Air	
Comair Inc. OH	Southwest Airlines Co. WN					Republic Airlines YX		

Departure Delays for Each Airport and City



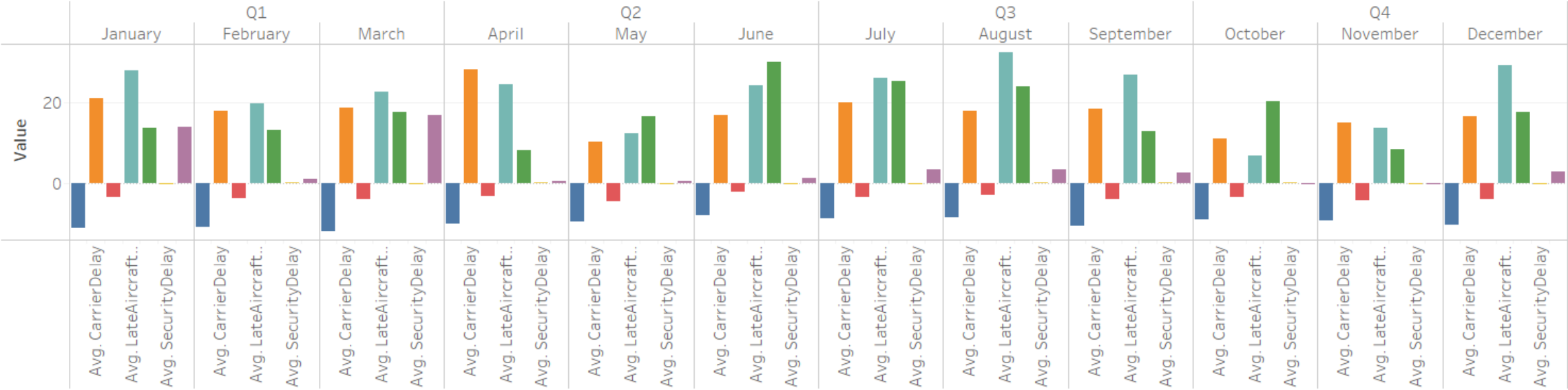
Highest Airline Delays on Quarterly Basis



Quarter of Month  
Multiple values

Measure Names  
Avg. ArrDelay  
Avg. CarrierDelay  
Avg. DepDelay  
Avg. LateAircraft..  
Avg. NASDelay  
Avg. SecurityDel..  
Avg. WeatherDel..

Delay causes for Each Quarter



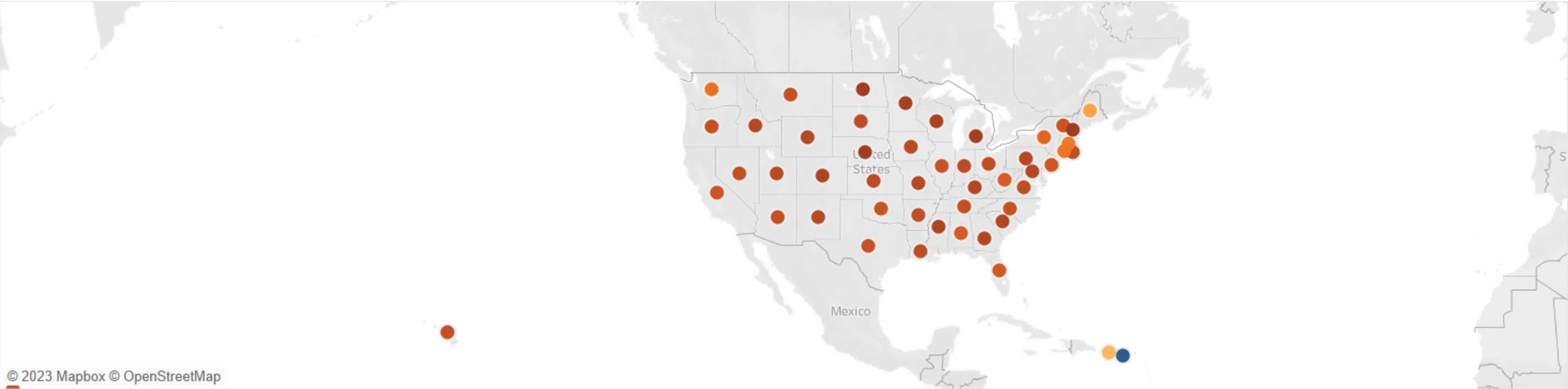
## Average Delay Minutes for Each State

Avg. ArrDelayMinut..

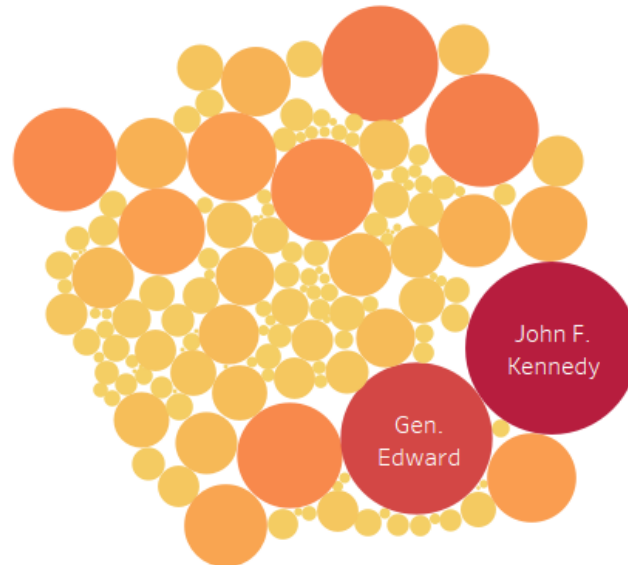
0.854 4.023

Total Delay

24 46,050



## Total Number of Delays for Each Airport



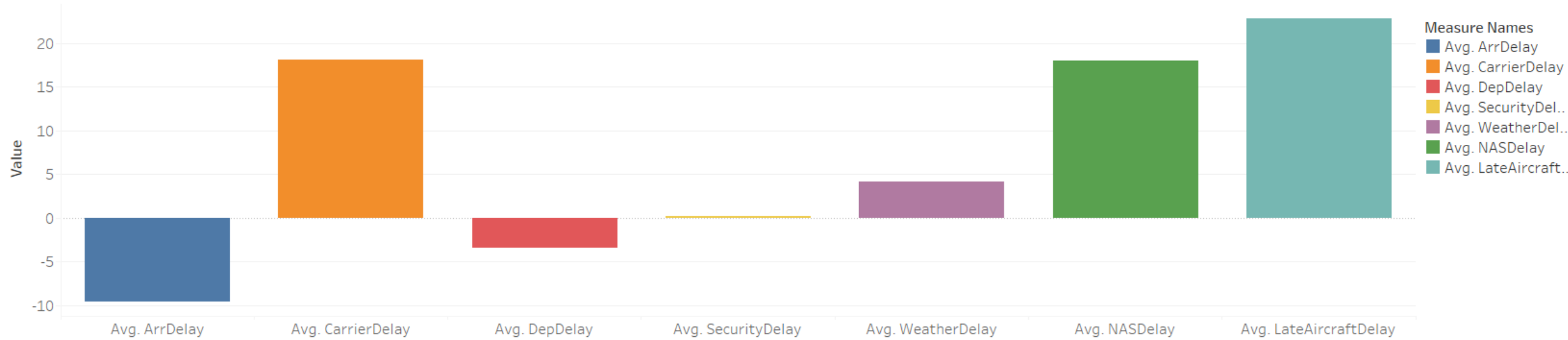
### Causes of Delay for Each Airline

Operating\_Airline

All

Measure Names

- Avg. ArrDelay
- Avg. CarrierDelay
- Avg. DepDelay
- Avg. SecurityDel..
- Avg. WeatherDel..
- Avg. NASDelay
- Avg. LateAircraft..



### Diverted and Cancelled Flights for 2018

