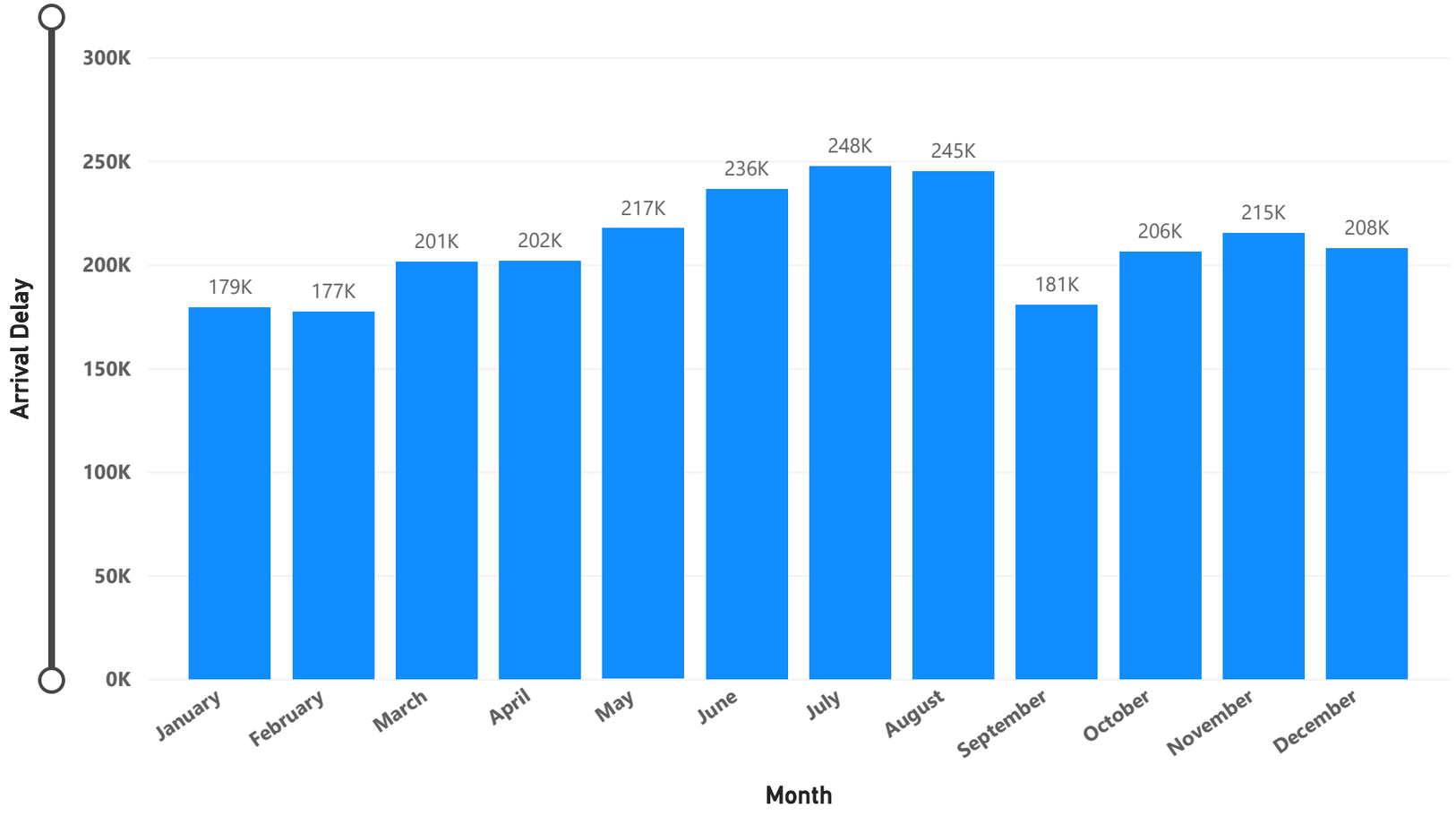
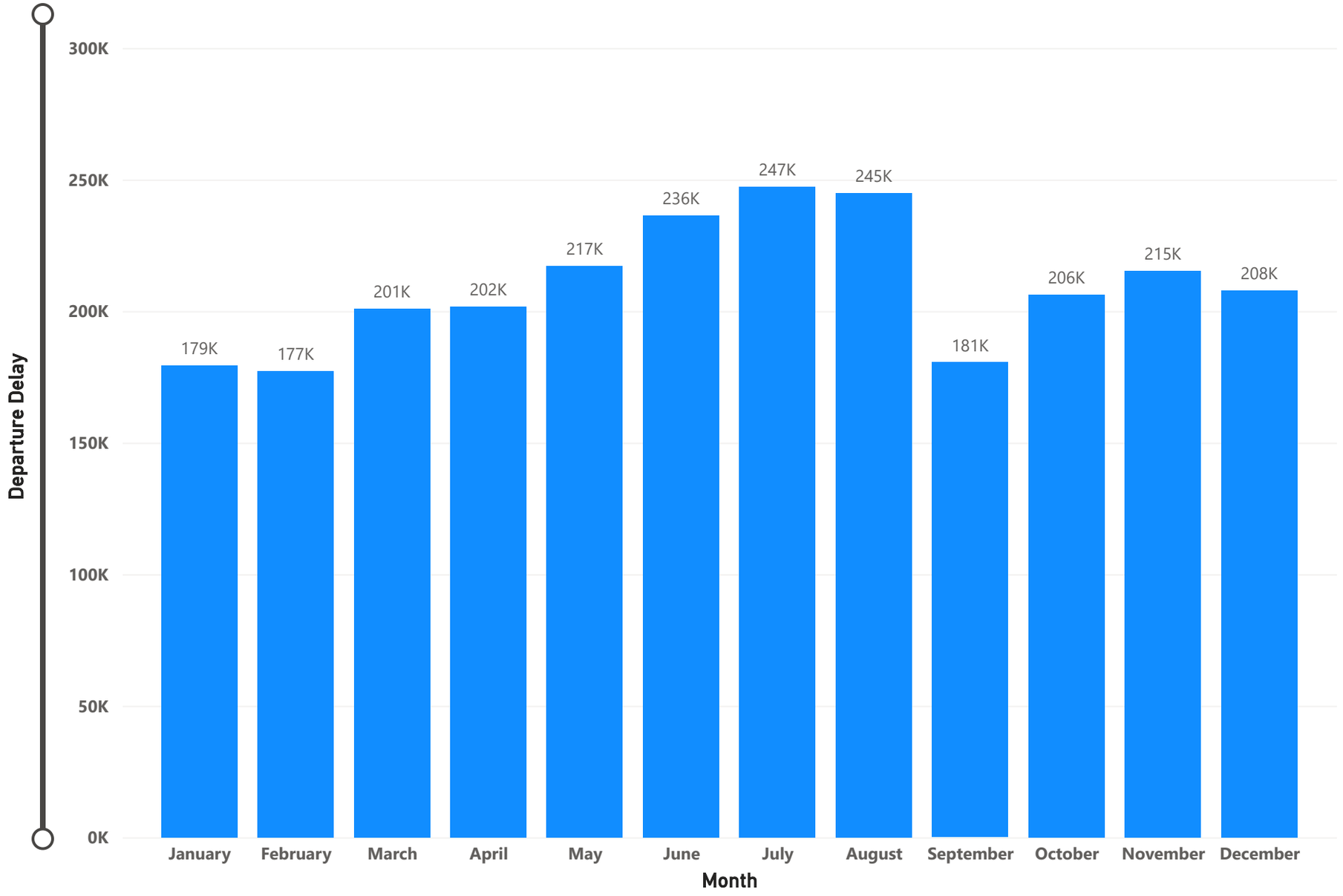
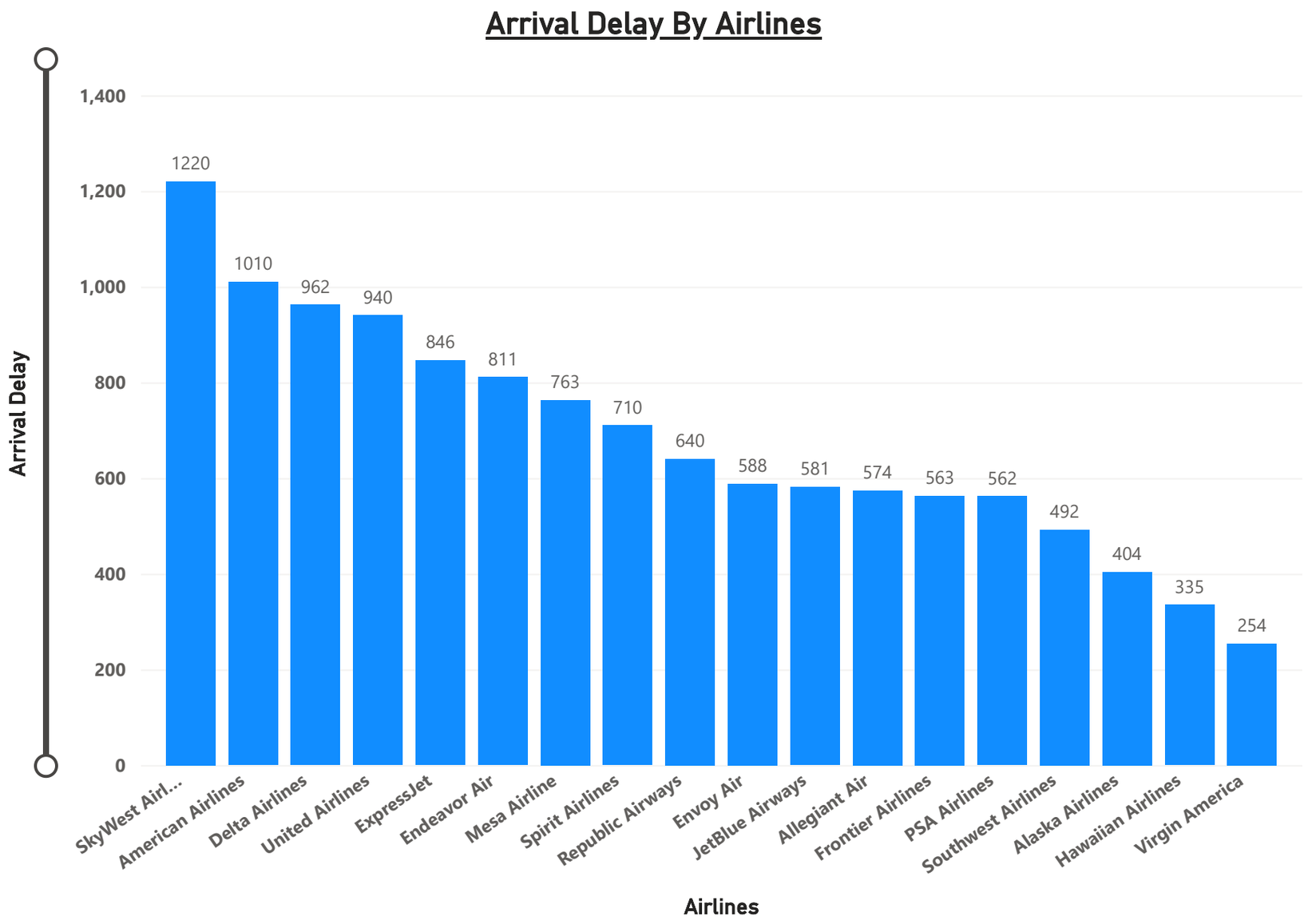
Arrival Delay by Month

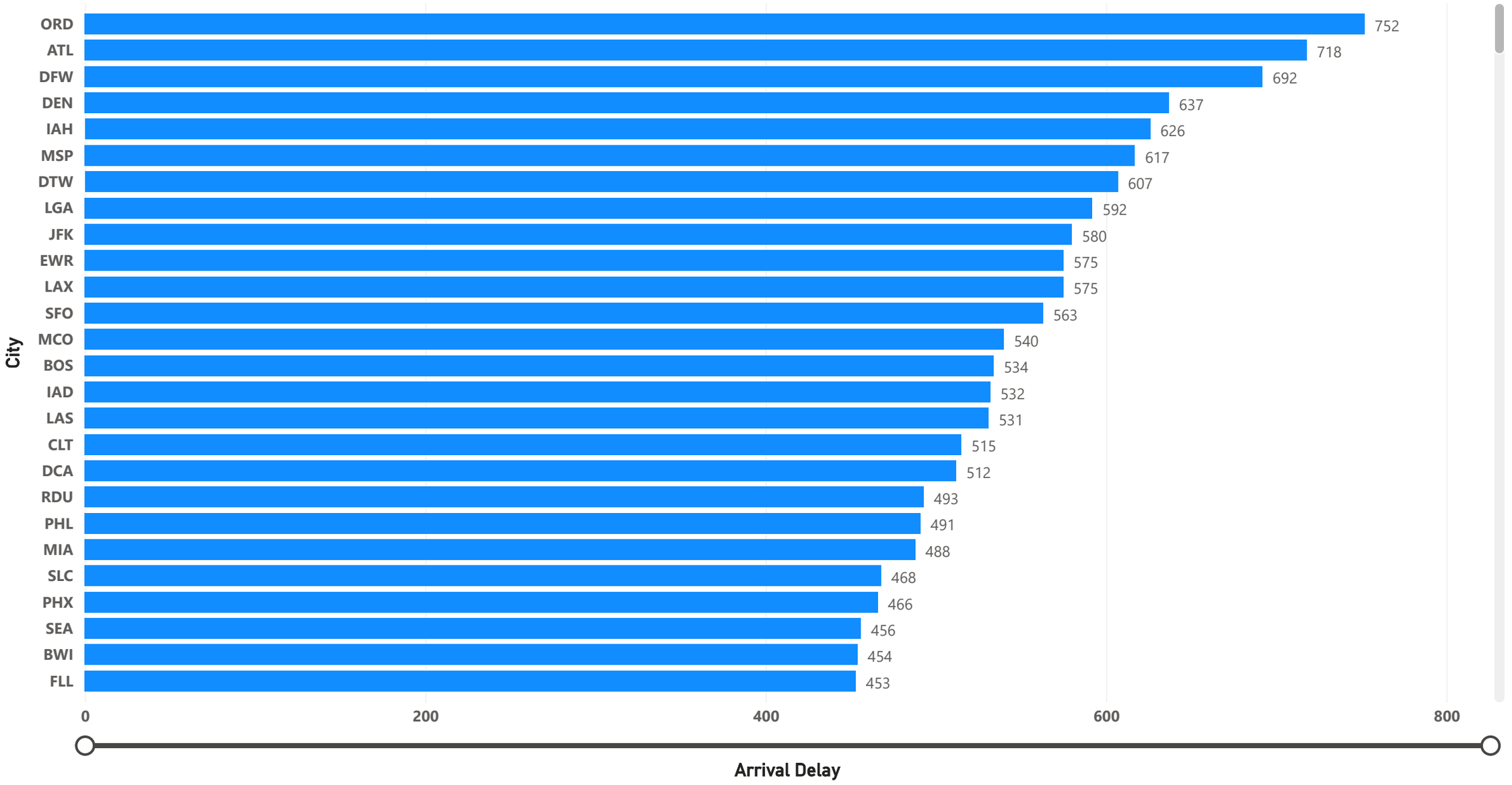


Departure Delay by Month

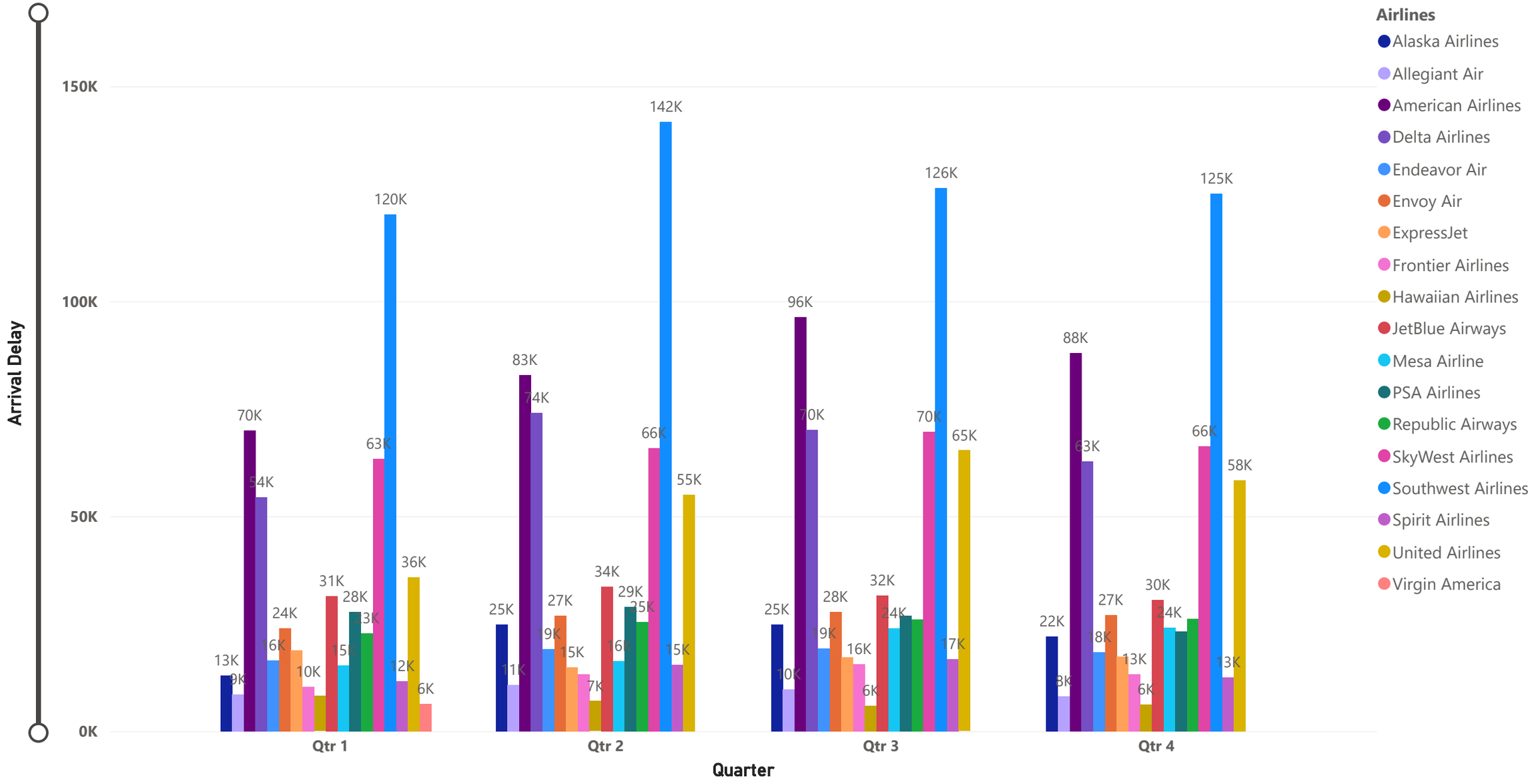



Arrival Delay By Airlines
Arrival Delay
1,400
1,200
1,000
800
600
400
200
0
1220
1010
962
940
846
811
763
710
640
588
581
574
563
562
492
404
335
254
SkyWest Airl...
American Airlines
Delta Airlines
United Airlines
ExpressJet
Endeavor Air
Mesa Airline
Spirit Airlines
Republic Airways
Envoy Air
JetBlue Airways
Allegiant Air
Frontier Airlines
PSA Airlines
Southwest Airlines
Alaska Airlines
Hawaiian Airlines
Virgin America
Airlines

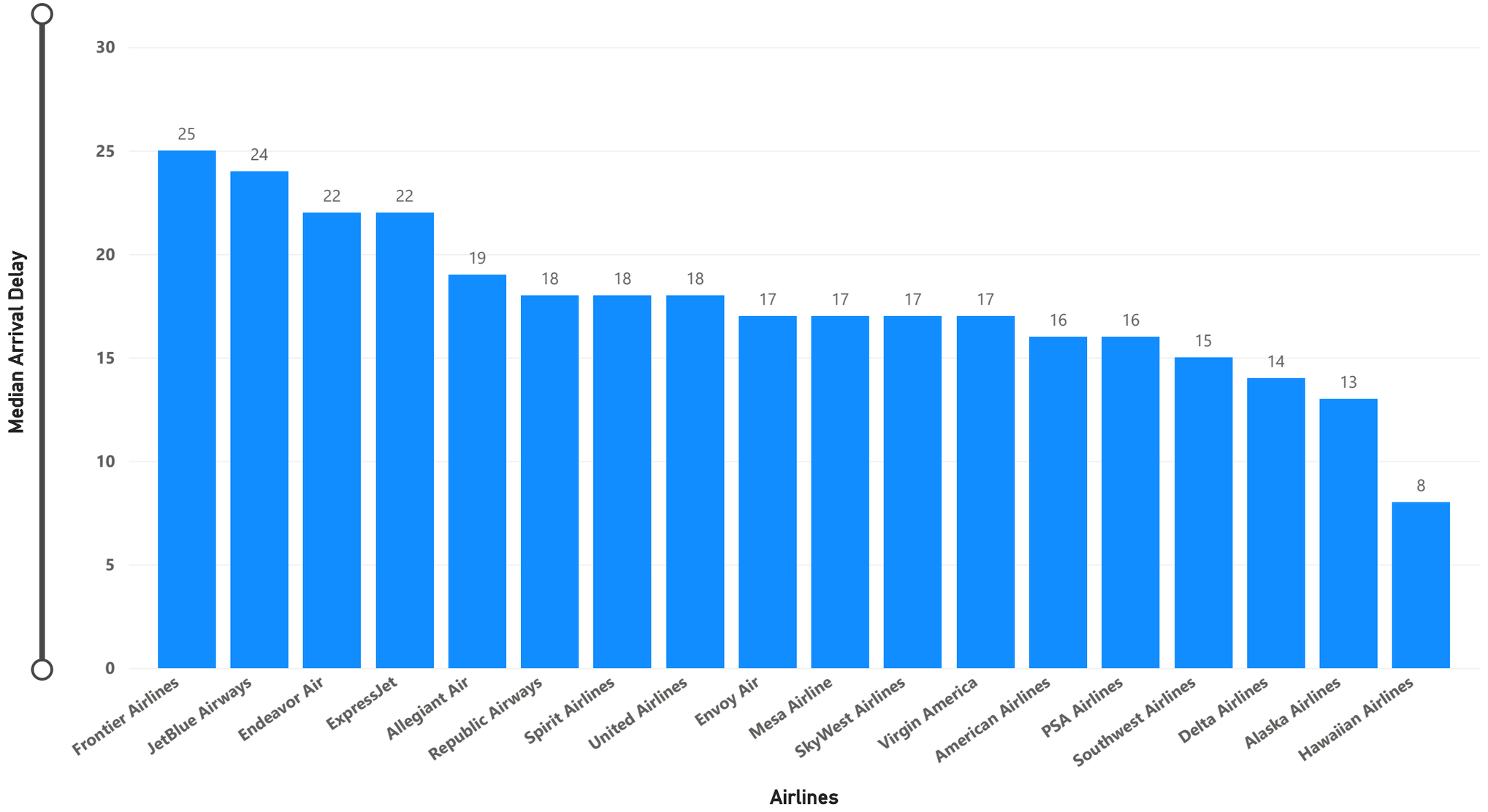
Arrival Delay by City



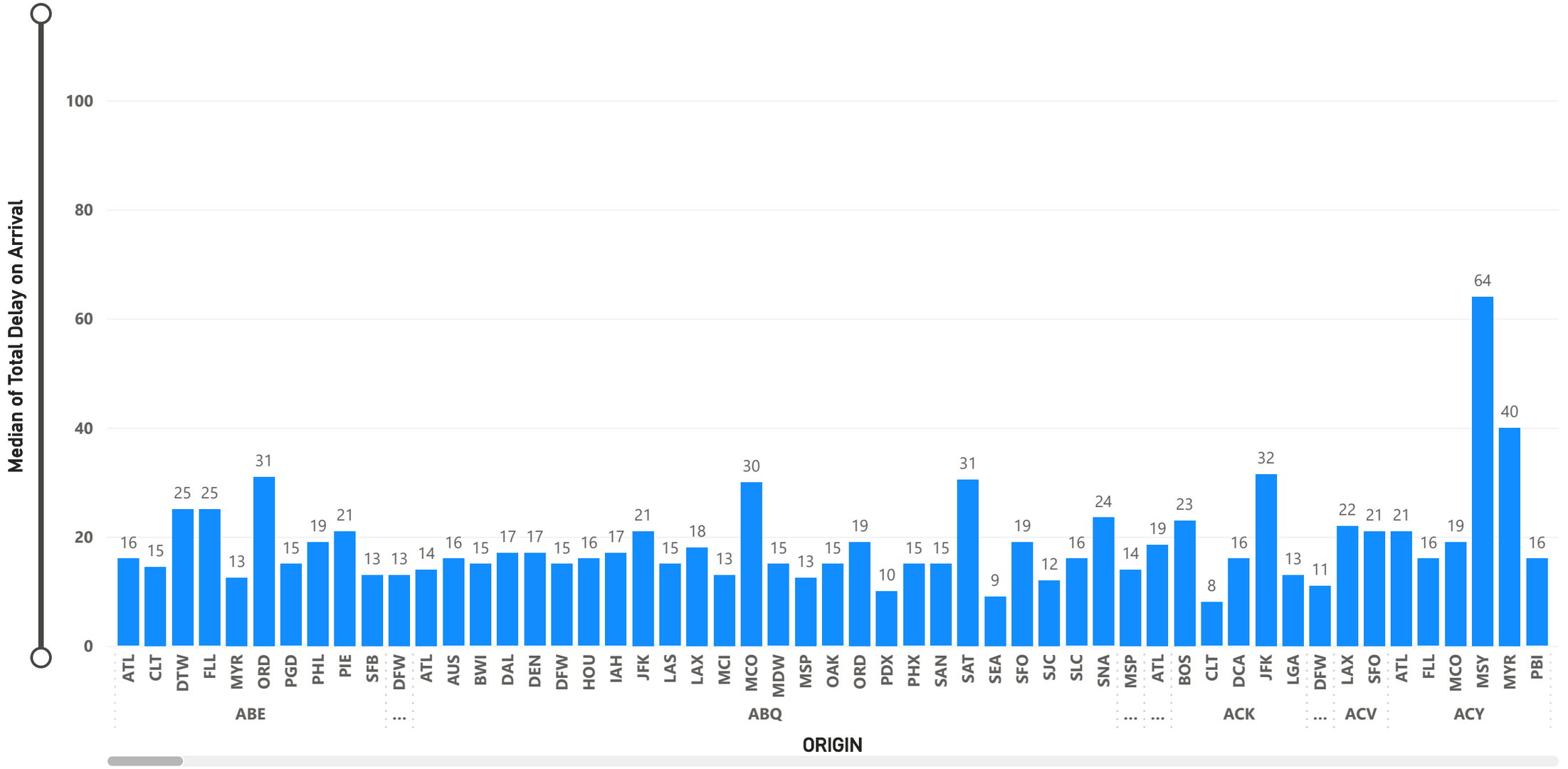
Arrival Delay in Airlines by Time



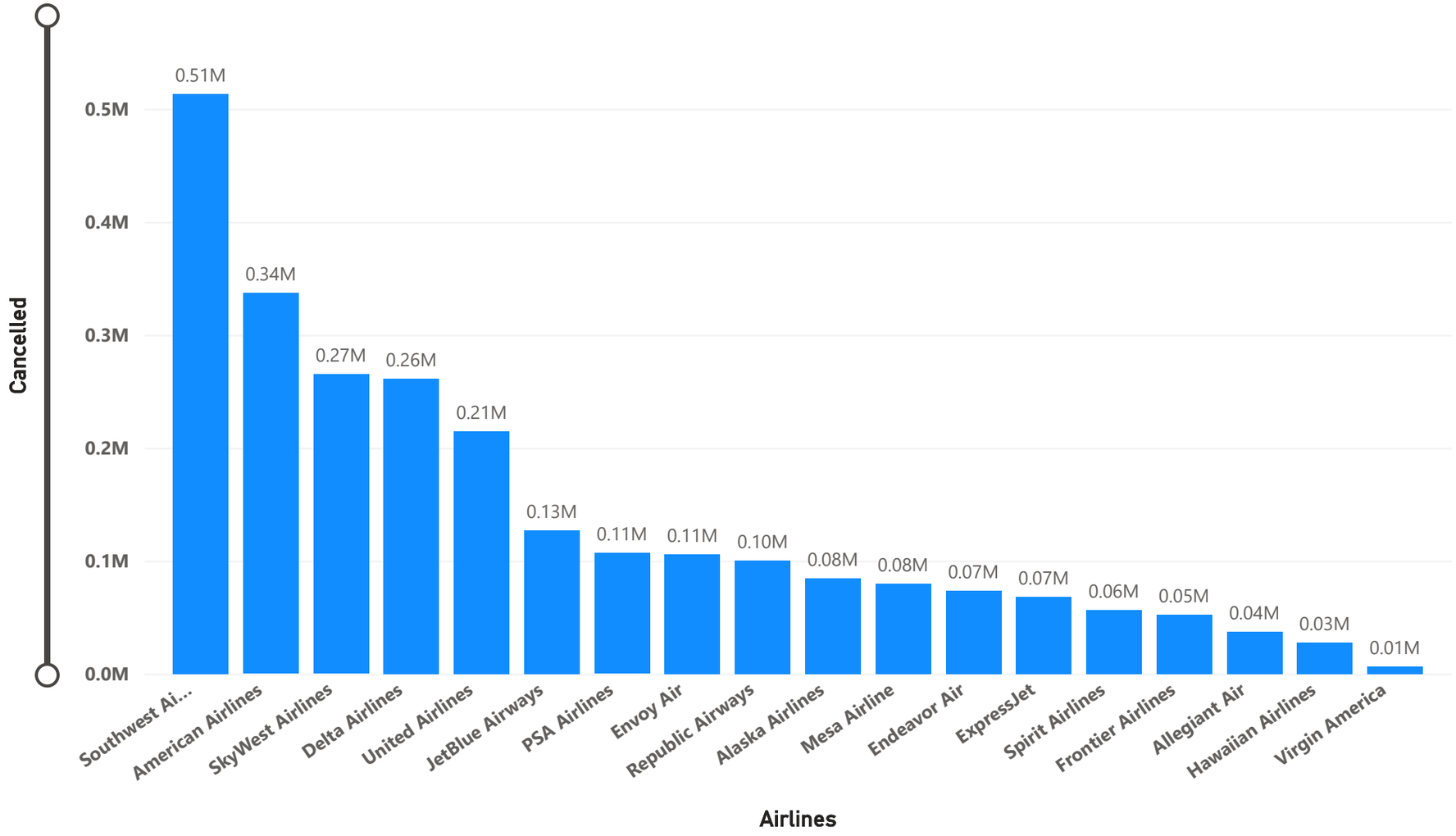
Median Arrival Delay By Airlines

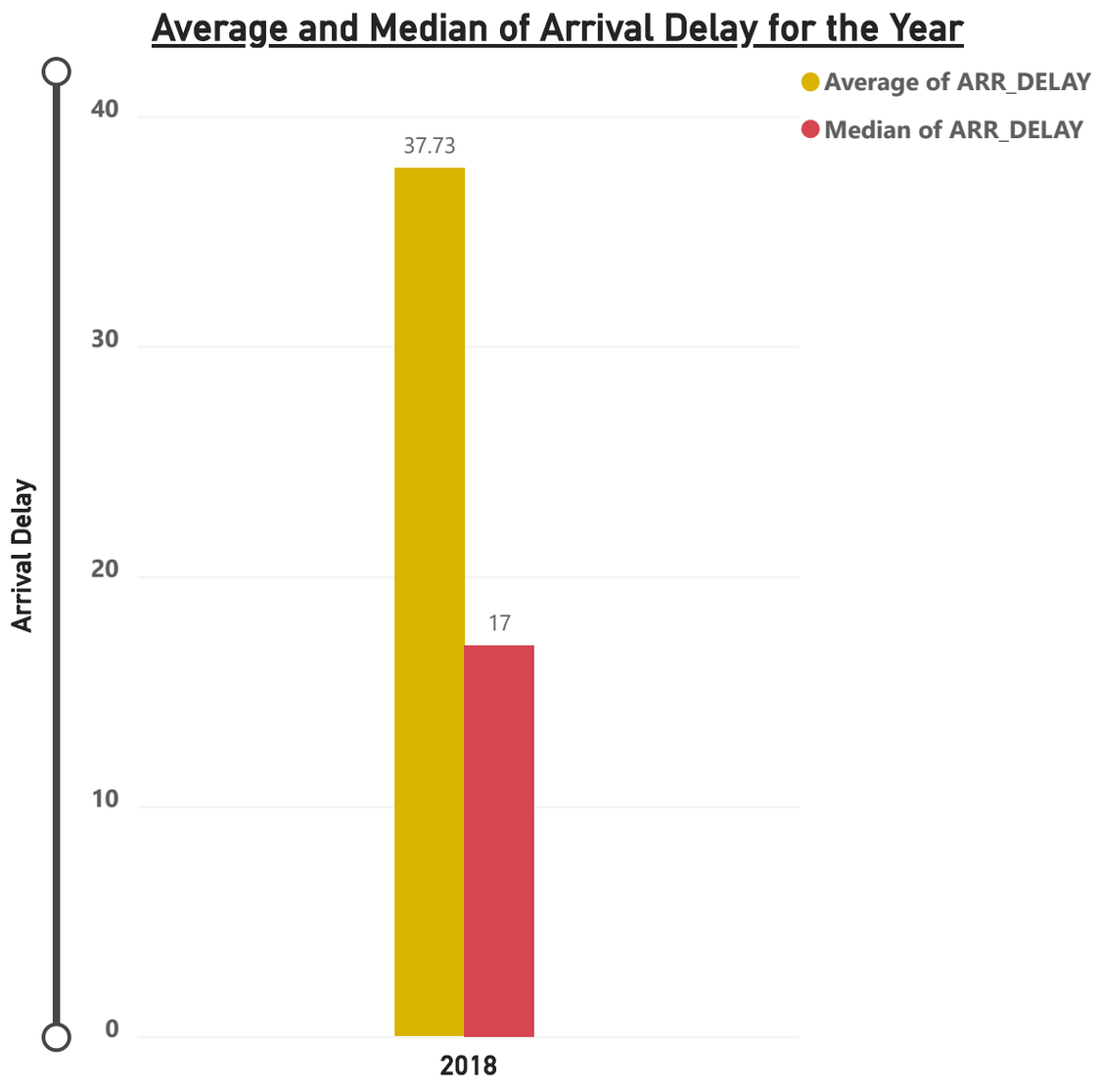


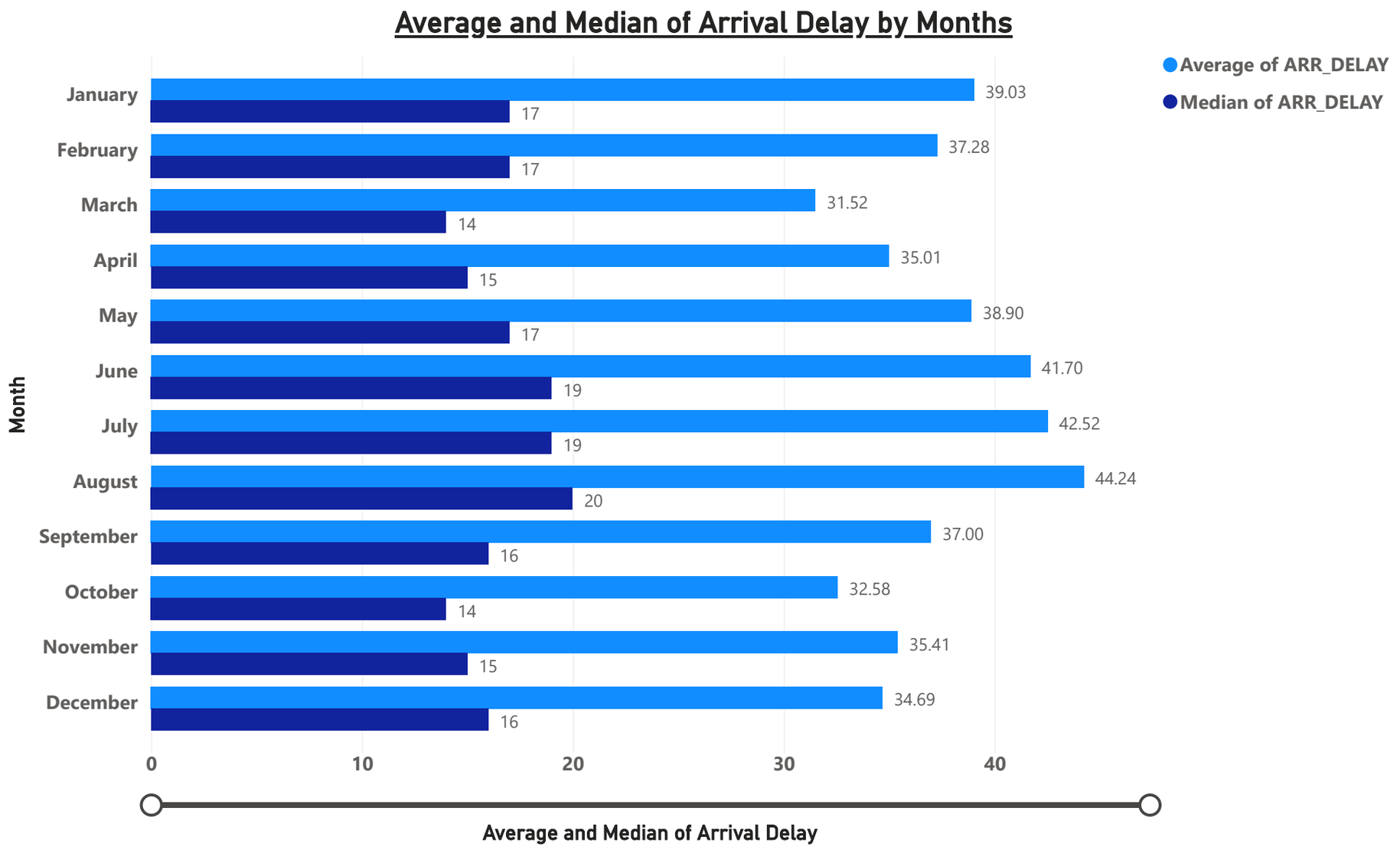
Median of Total Delay on Arrival and Origin

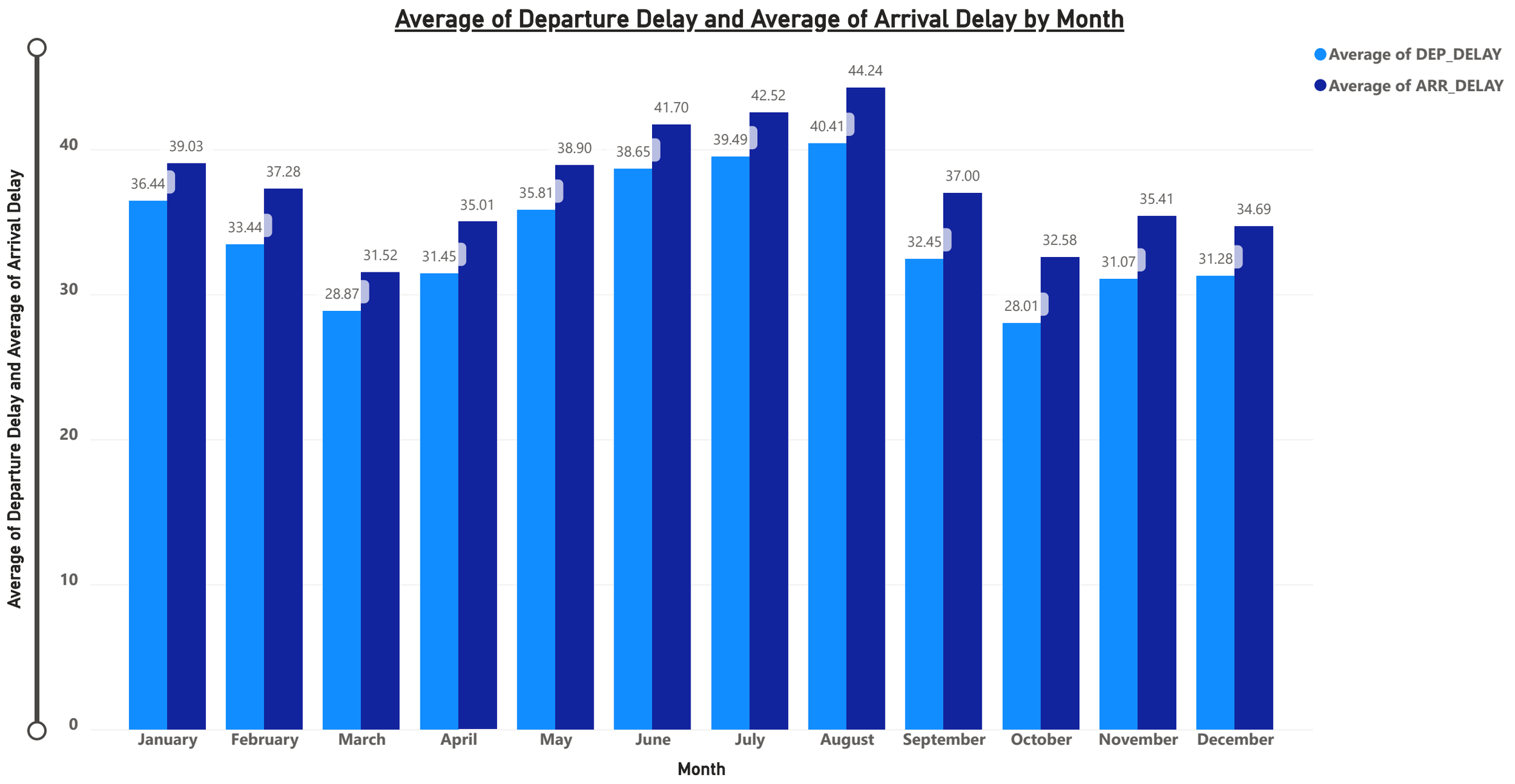


Count of Cancelled Flights by the Airlines

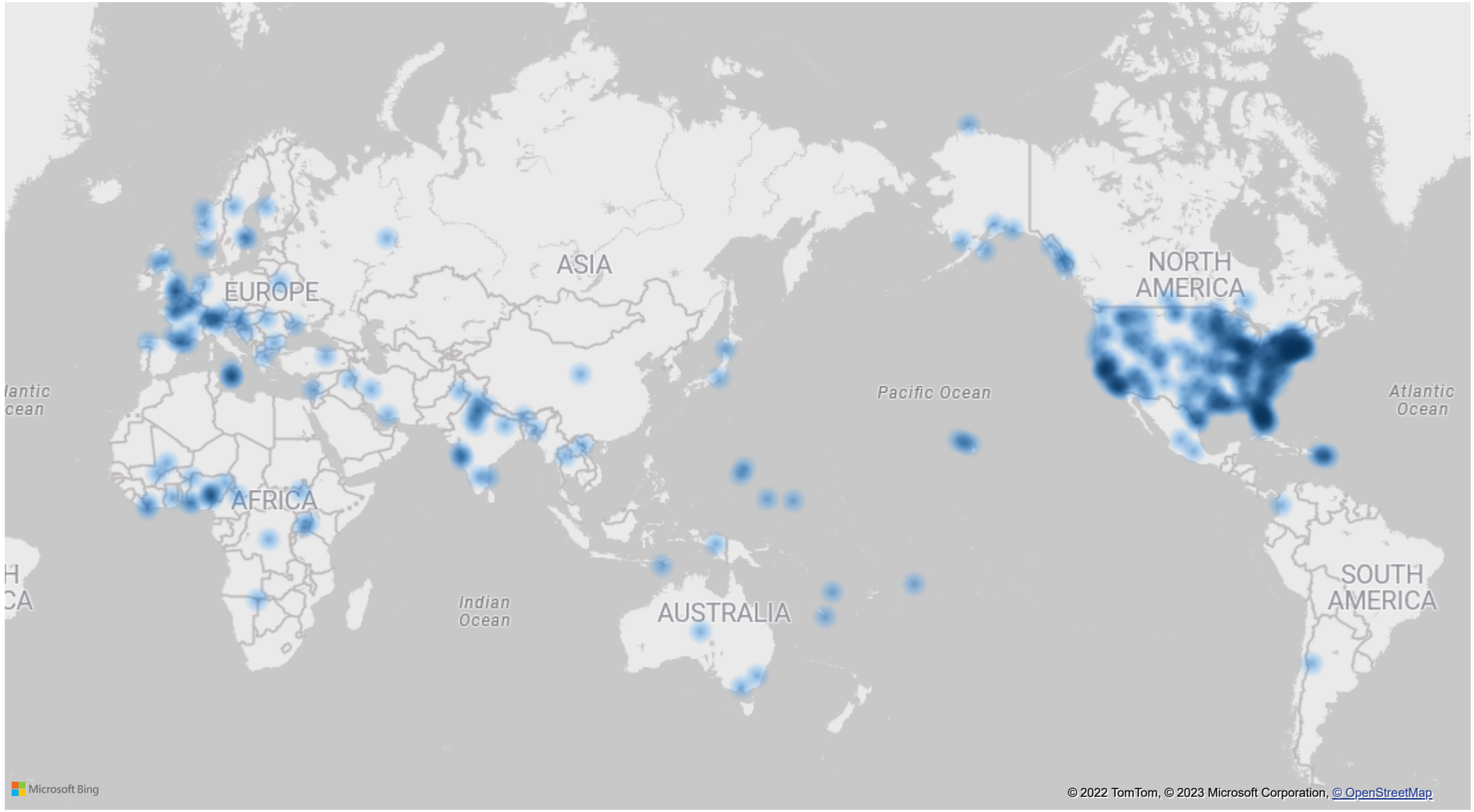



Average and Median of Arrival Delay for the Year
Average of ARR_DELAY
Median of ARR_DELAY
Arrival Delay
40
30
20
10
0
37.73
17
2018


Average and Median of Arrival Delay by Months
Average of ARR_DELAY
Median of ARR_DELAY
Month
January
February
March
April
May
June
July
August
September
October
November
December
39.03
17
37.28
17
31.52
14
35.01
15
38.90
17
41.70
19
42.52
19
44.24
20
37.00
16
32.58
14
35.41
15
34.69
16
0
10
20
30
40
Average and Median of Arrival Delay


Average of Departure Delay and Average of Arrival Delay by Month
Average of DEP_DELAY
Average of ARR_DELAY
Average of Departure Delay and Average of Arrival Delay
0
10
20
30
40
36.44
39.03
33.44
37.28
28.87
31.52
31.45
35.01
35.81
38.90
38.65
41.70
39.49
42.52
40.41
44.24
32.45
37.00
28.01
32.58
31.07
35.41
31.28
34.69
January
February
March
April
May
June
July
August
September
October
November
December
Month

City


ASIA
EUROPE
NORTH AMERICA
Pacific Ocean
Atlantic Ocean
AFRICA
Indian Ocean
AUSTRALIA
SOUTH AMERICA
Microsoft Bing
© 2022 TomTom, © 2023 Microsoft Corporation, © OpenStreetMap

Key influencers Top segments

What influences ARR_DELAY to Increase ?

When...

....the average of ARR_DELAY increases by

Average of DEP_DELAY goes up 72.87

68.42

Key influencers Top segments

What influences DEP_DELAY to Increase ?

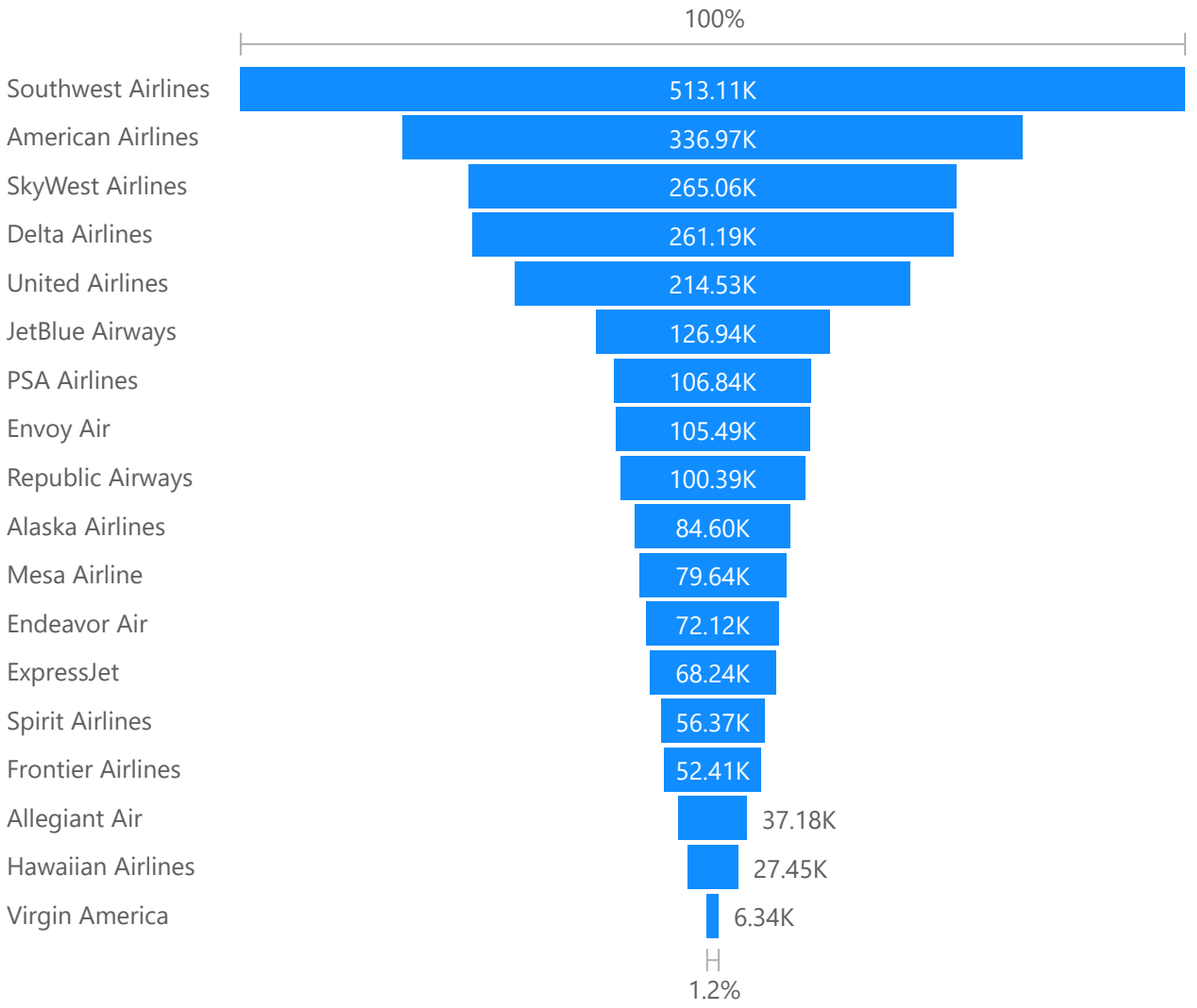
When...

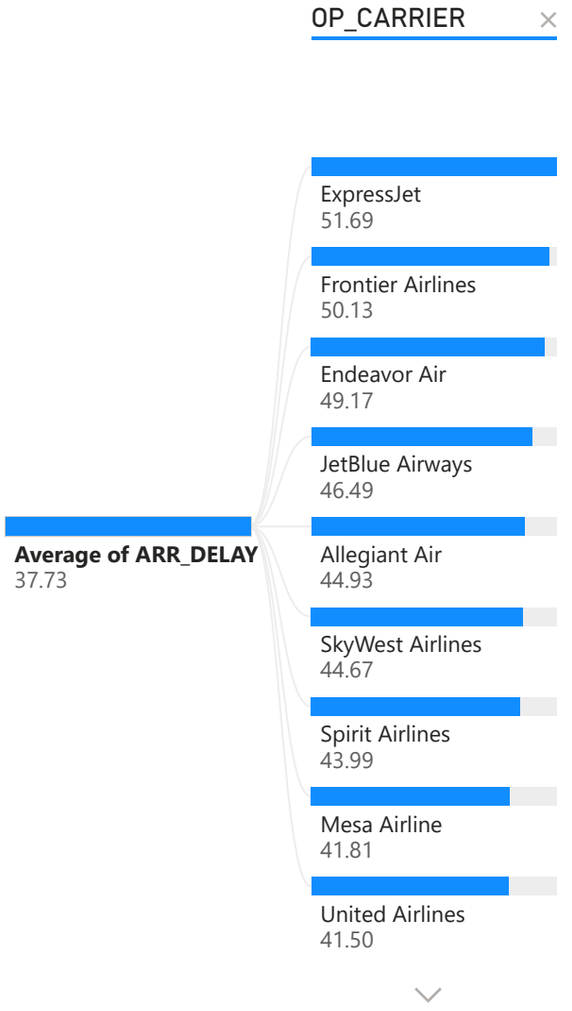
....the average of DEP_DELAY increases by

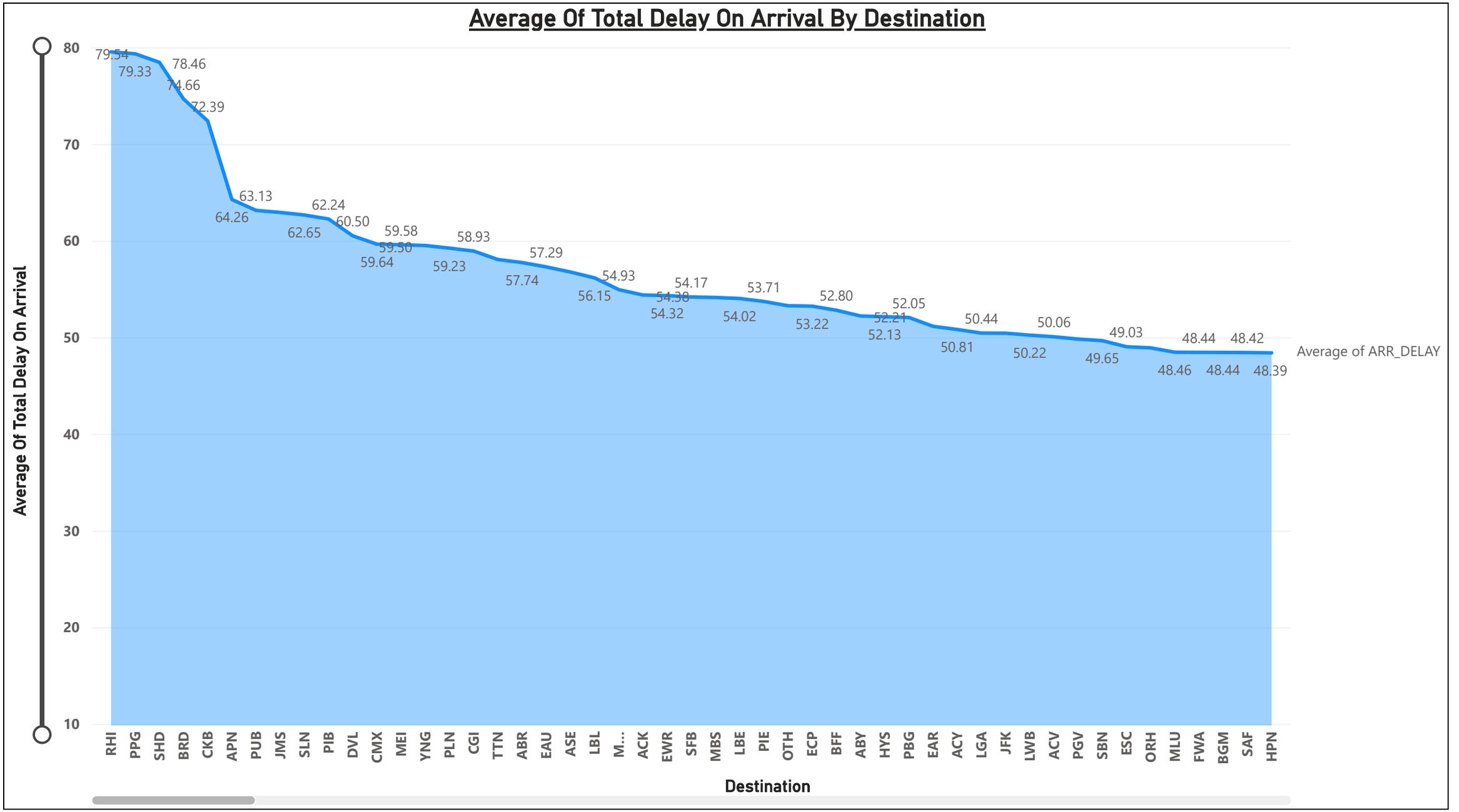
Sum of ARR_DELAY goes up 59.29

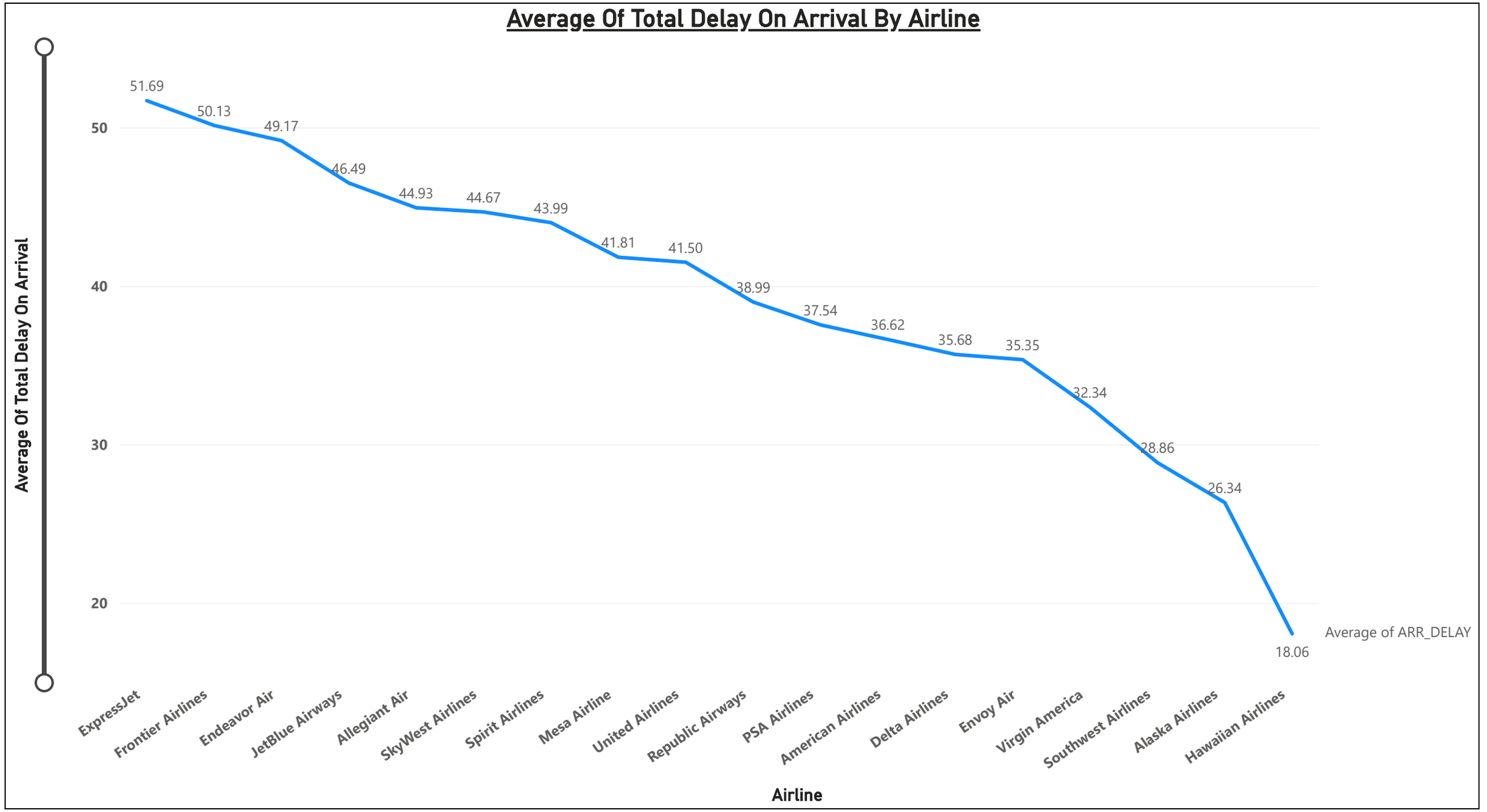
58.74

Count of total delay on departure by Airlines



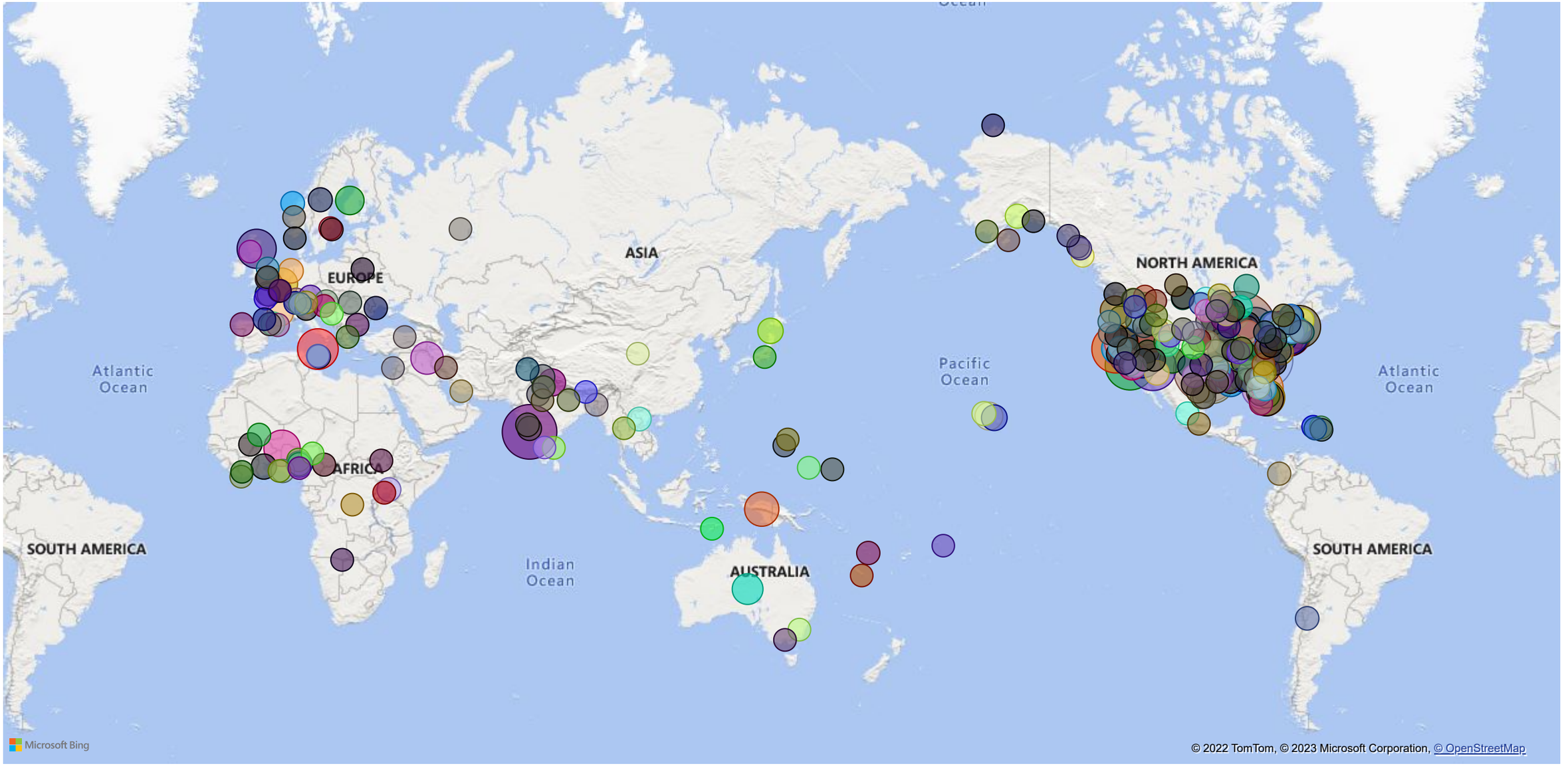



Average Of Total Delay On Arrival By Destination
Average Of Total Delay On Arrival
80
70
60
50
40
30
20
10
79.54
79.33
78.46
74.66
72.39
64.26
63.13
62.65
62.24
60.50
59.64
59.58
59.50
59.23
58.93
57.74
57.29
56.15
54.93
54.38
54.32
54.17
54.02
53.71
53.22
52.80
52.21
52.13
52.05
50.81
50.44
50.22
50.06
49.65
49.03
48.46
48.44
48.44
48.42
48.39
RHI
PPG
SHD
BRD
CKB
APN
PUB
JMS
SLN
PIB
DVL
CMX
MEI
YNG
PLN
CGI
TTN
ABR
EAU
ASE
LBL
M...
ACK
EWR
SFB
MBS
LBE
PIE
OTH
ECP
BFF
ABY
HYS
PBG
EAR
ACY
LGA
JFK
LWB
ACV
PGV
SBN
ESC
ORH
MLU
FWA
BGM
SAF
HPN
Destination
Average of ARR_DELAY

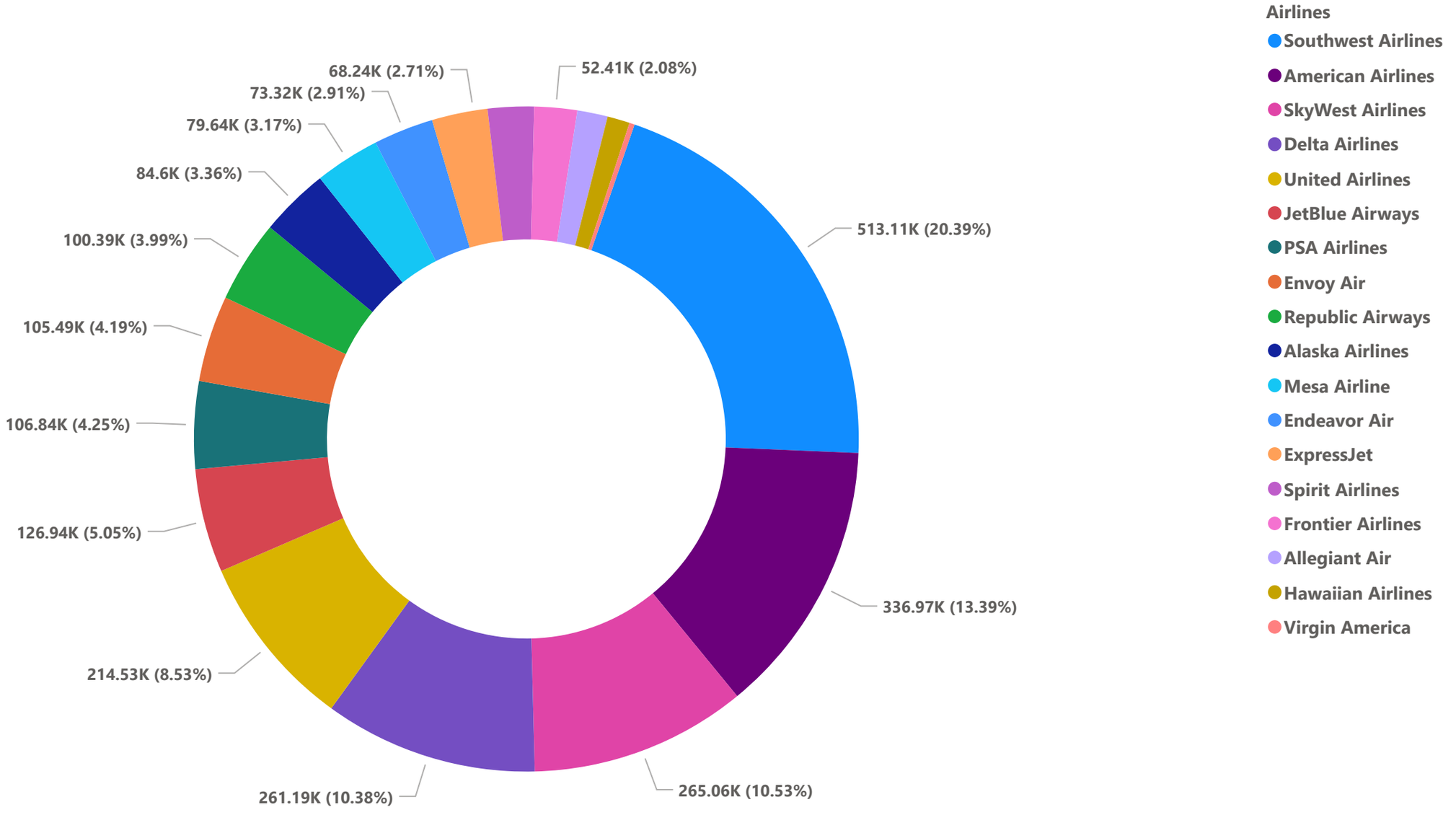

Average Of Total Delay On Arrival By Airline
Average Of Total Delay On Arrival
50
40
30
20
51.69
50.13
49.17
46.49
44.93
44.67
43.99
41.81
41.50
38.99
37.54
36.62
35.68
35.35
32.34
28.86
26.34
18.06
Average of ARR_DELAY
ExpressJet
Frontier Airlines
Endeavor Air
JetBlue Airways
Allegiant Air
SkyWest Airlines
Spirit Airlines
Mesa Airline
United Airlines
Republic Airways
PSA Airlines
American Airlines
Delta Airlines
Envoy Air
Virgin America
Southwest Airlines
Alaska Airlines
Hawaiian Airlines
Airline

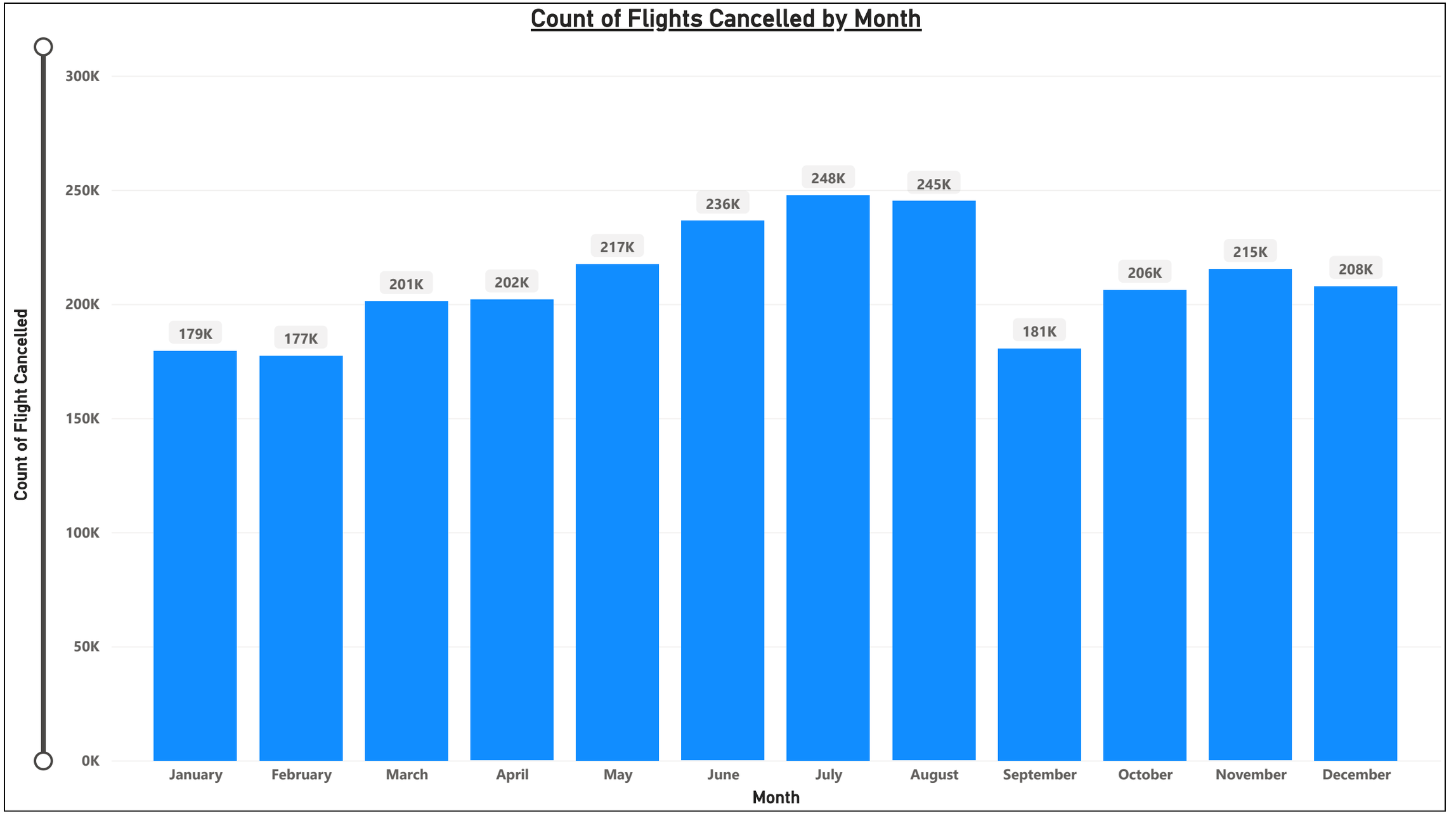
Count of CANCELLED by ORIGIN and ORIGIN

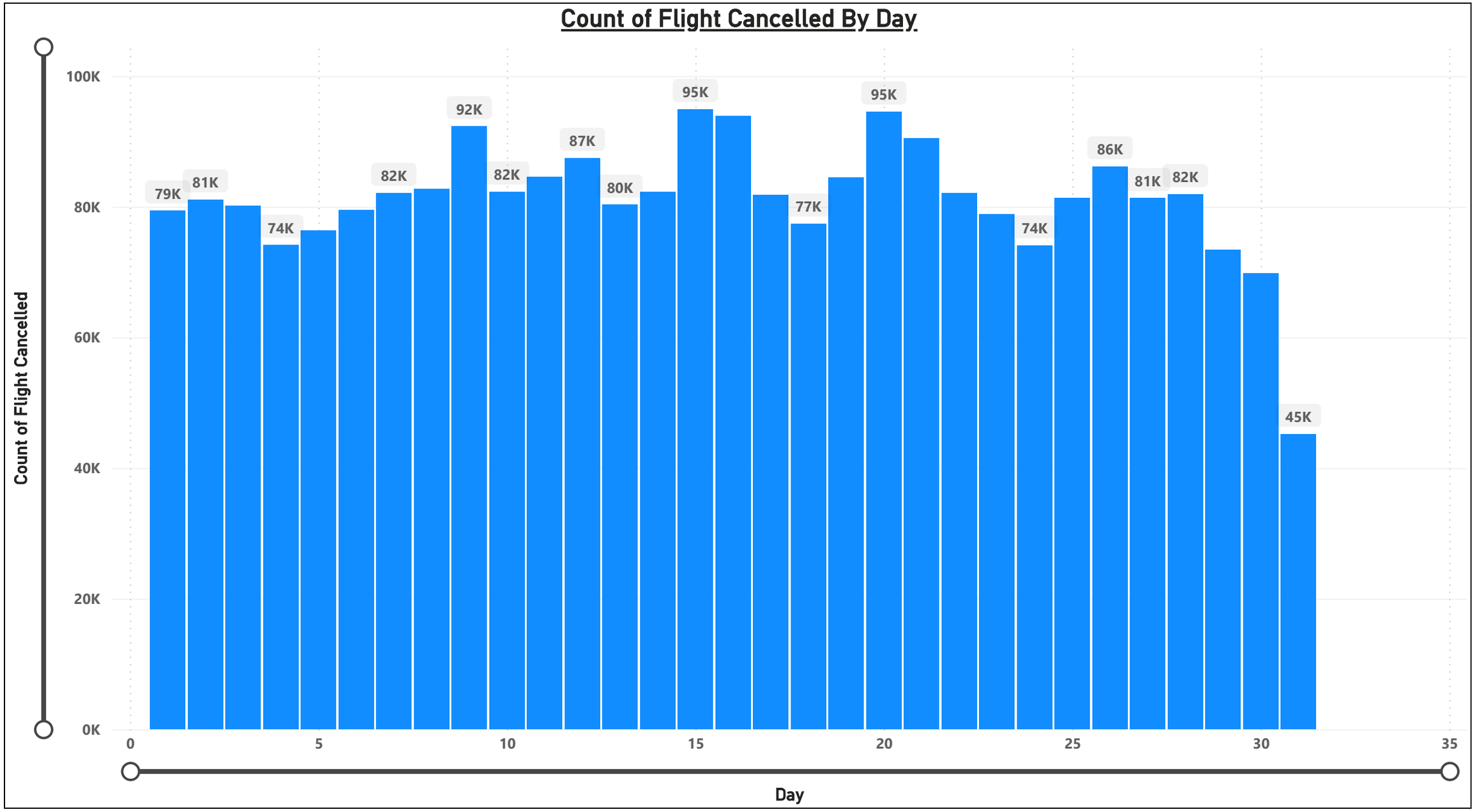
ORIGIN ORD ATL DFW CLT DEN LAX SFO PHX LAS LGA IAH EWR BOS MCO SEA MSP DTW



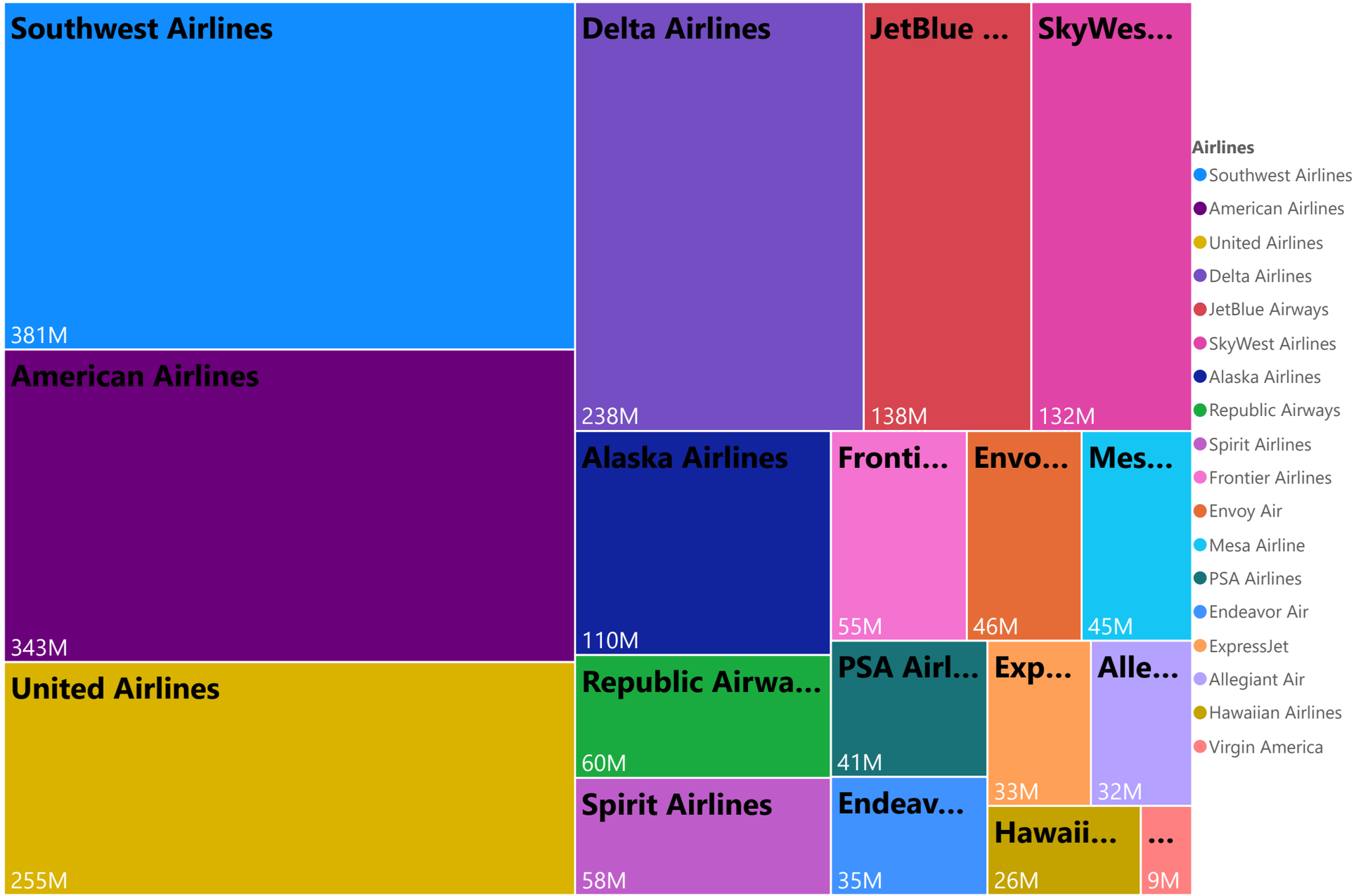
Flights Cancelled by Airline




Count of Flights Cancelled by Month
Count of Flight Cancelled
300K
250K
200K
150K
100K
50K
0K
179K
177K
201K
202K
217K
236K
248K
245K
181K
206K
215K
208K
January
February
March
April
May
June
July
August
September
October
November
December
Month

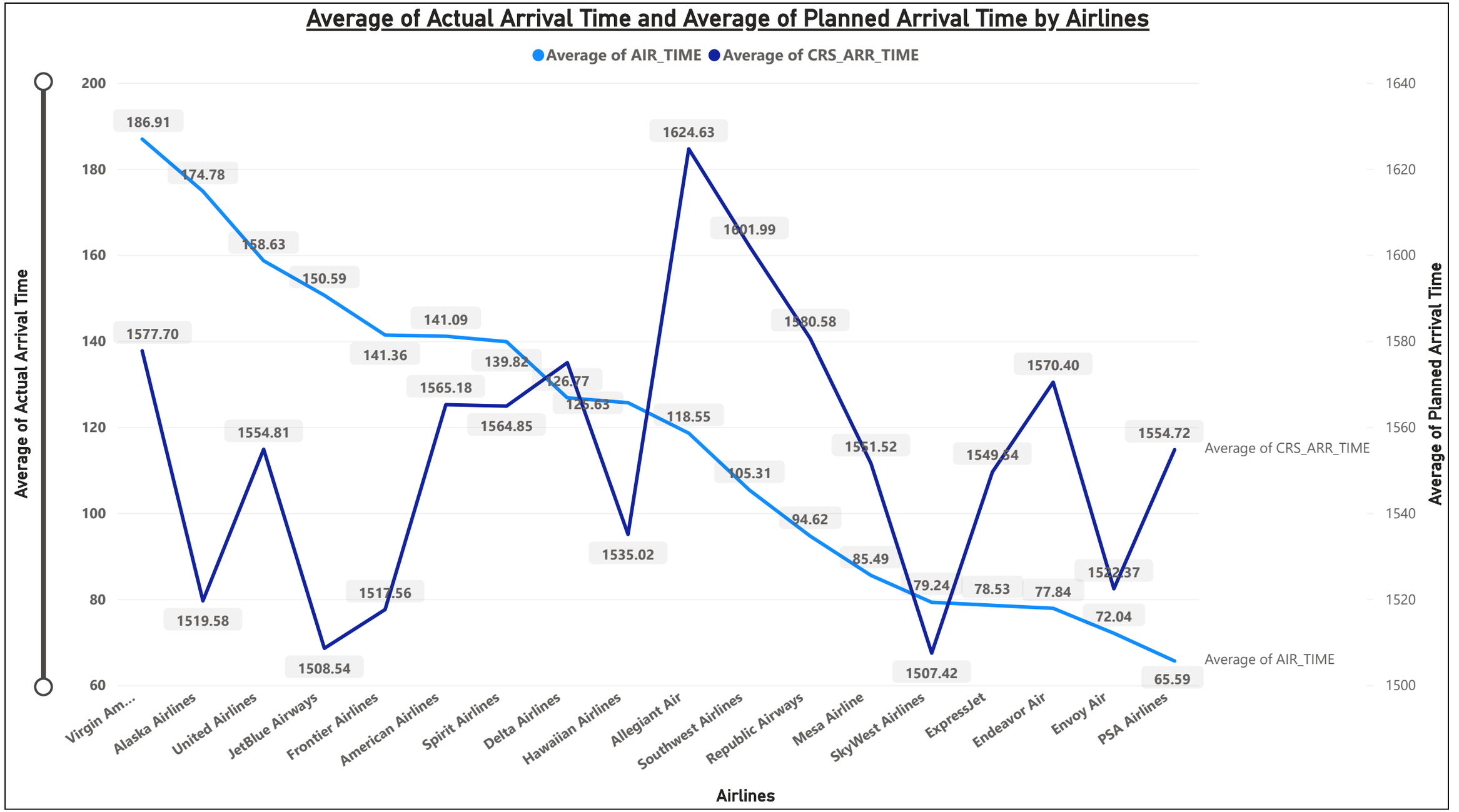

Count of Flight Cancelled By Day
Count of Flight Cancelled
100K
80K
60K
40K
20K
0K
79K
81K
74K
82K
92K
82K
87K
80K
95K
77K
95K
74K
86K
81K
82K
45K
0
5
10
15
20
25
30
35
Day

Total Distance Travelled by Airline

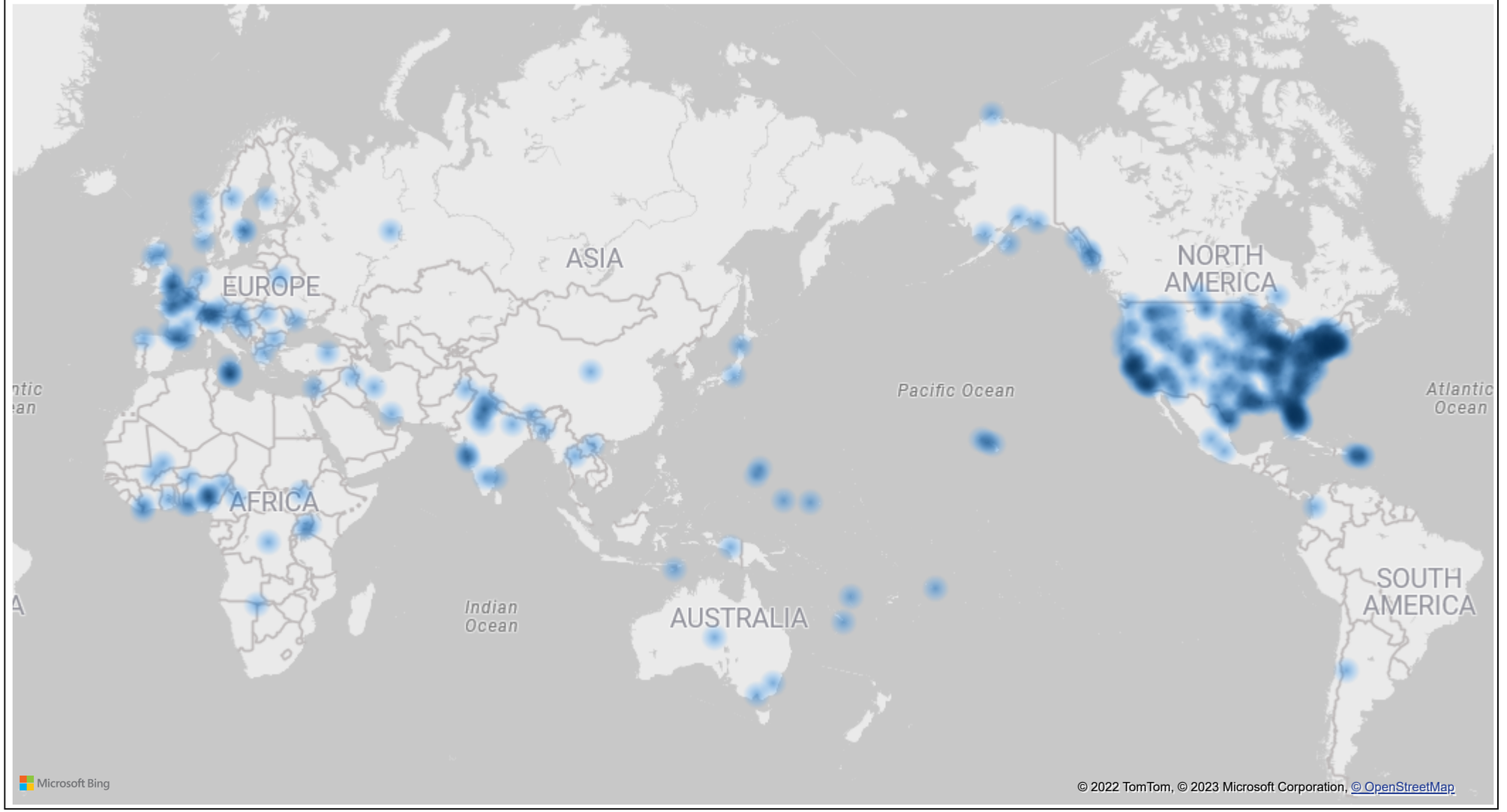


Airlines

- Alaska Airlines
- Mesa Airline
- Allegiant Air
- PSA Airlines
- American Airlines
- Republic Airways
- Delta Airlines
- SkyWest Airlines
- Endeavor Air
- Southwest Airlines
- Envoy Air
- Spirit Airlines
- ExpressJet
- United Airlines
- Frontier Airlines
- Virgin America
- Hawaiian Airlines
- JetBlue Airways

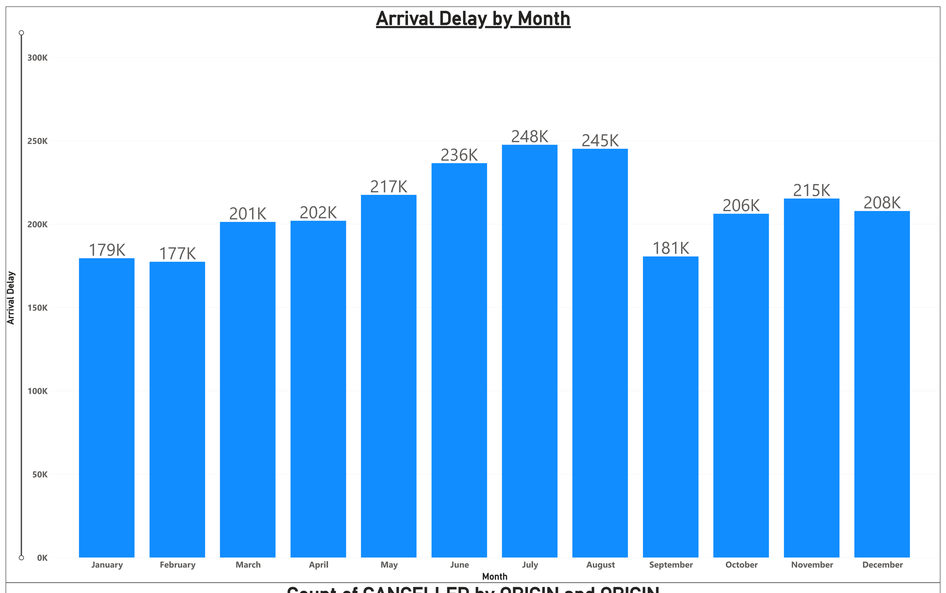

Average of Actual Arrival Time and Average of Planned Arrival Time by Airlines
Average of AIR_TIME
Average of CRS_ARR_TIME
Average of Actual Arrival Time
Average of Planned Arrival Time
200
180
160
140
120
100
80
60
1640
1620
1600
1580
1560
1540
1520
1500
186.91
174.78
158.63
150.59
141.36
141.09
139.82
126.77
125.63
118.55
105.31
94.62
85.49
79.24
78.53
77.84
72.04
65.59
1577.70
1519.58
1554.81
1508.54
1517.56
1565.18
1564.85
1535.02
1624.63
1601.99
1580.58
1551.52
1507.42
1549.54
1570.40
1522.37
1554.72
Average of CRS_ARR_TIME
Average of AIR_TIME
Virgin Am...
Alaska Airlines
United Airlines
JetBlue Airways
Frontier Airlines
American Airlines
Spirit Airlines
Delta Airlines
Hawaiian Airlines
Allegiant Air
Southwest Airlines
Republic Airways
Mesa Airline
SkyWest Airlines
ExpressJet
Endeavor Air
Envoy Air
PSA Airlines
Airlines

Flight Frequency

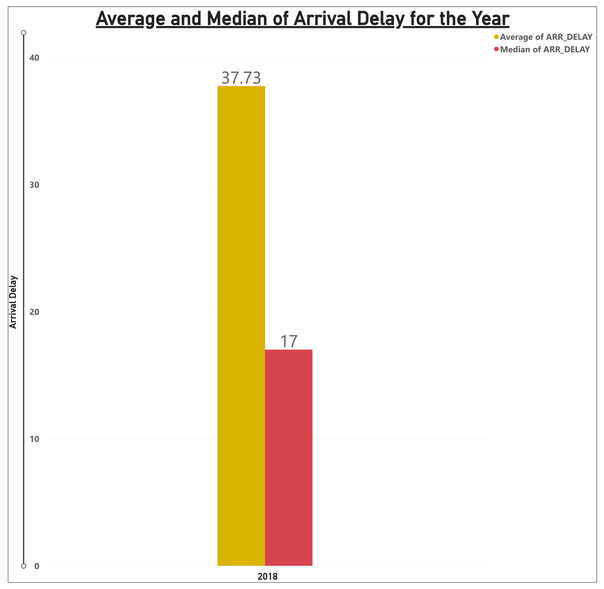


AIRLINE DELAY AND CANCELLATION

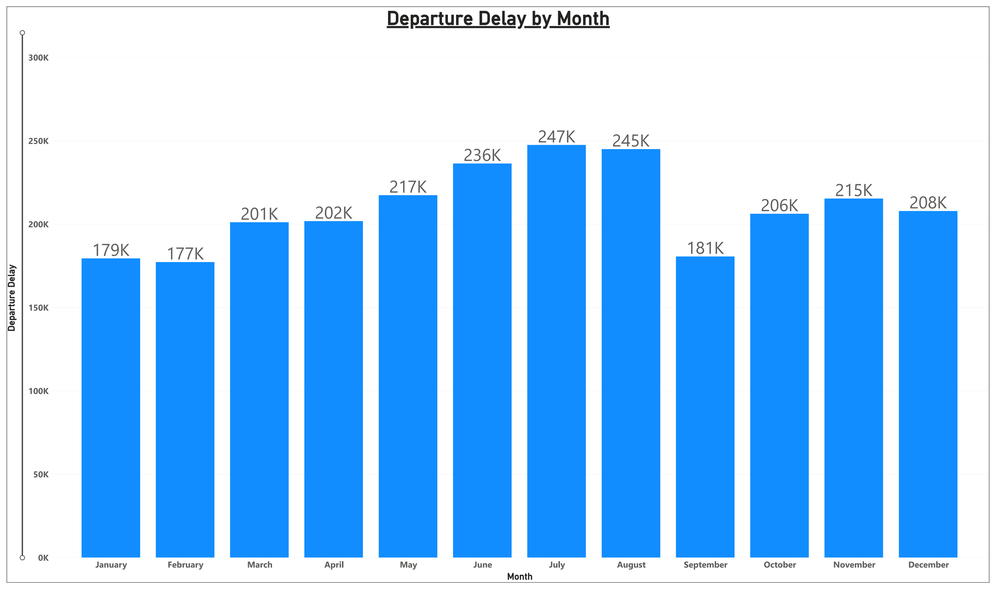
Arrival Delay by Month



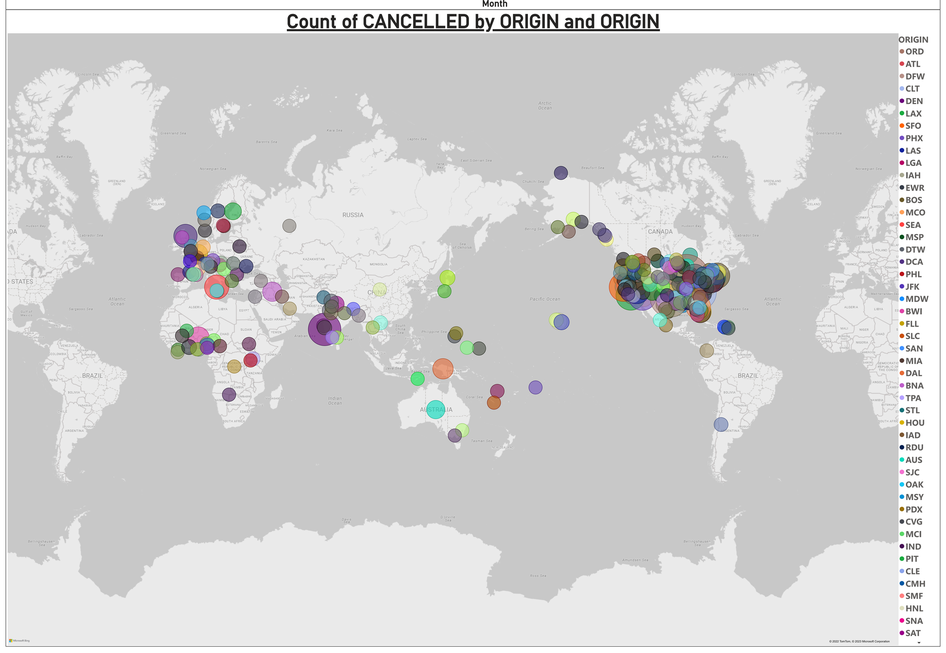
Average and Median of Arrival Delay for the Year



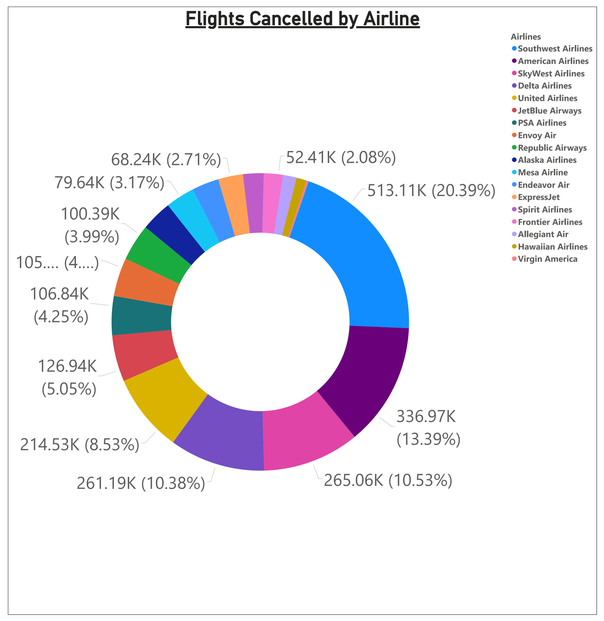
Departure Delay by Month



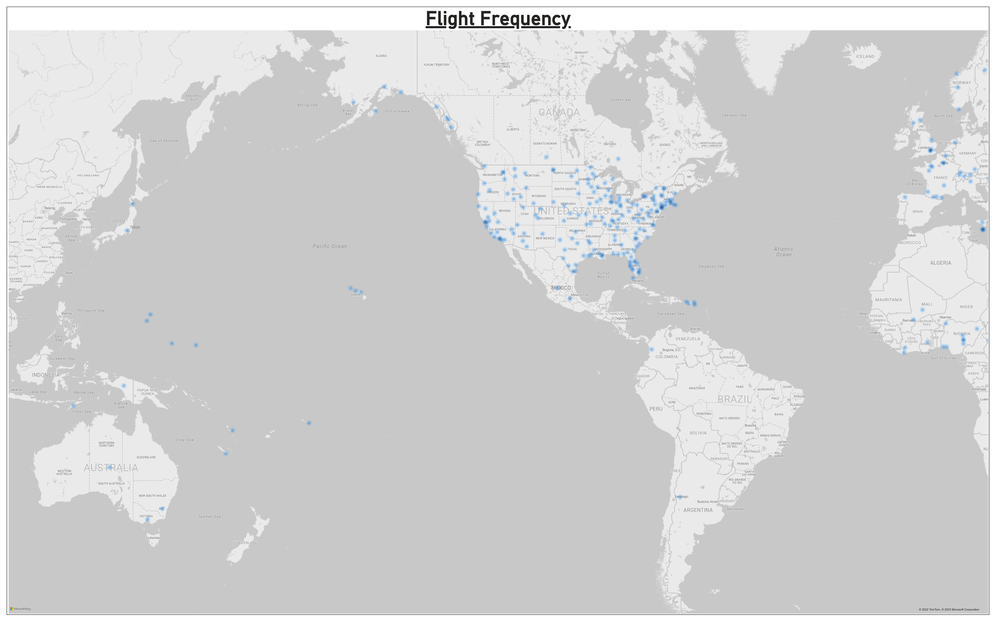
Count of CANCELLED by ORIGIN and ORIGIN



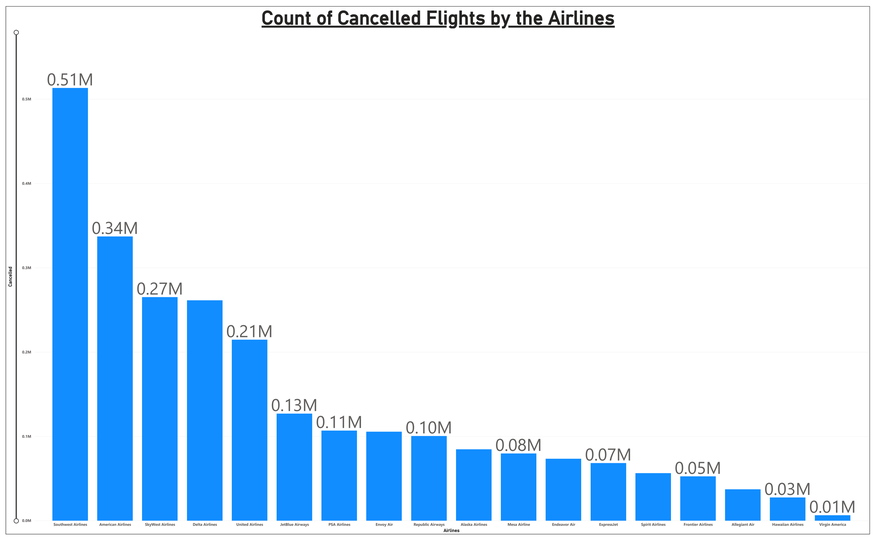
Flights Cancelled by Airline



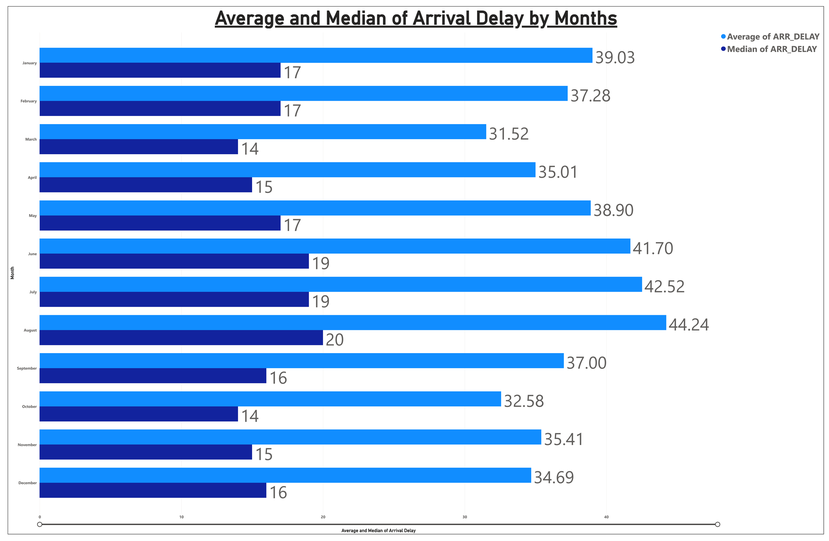
Flight Frequency



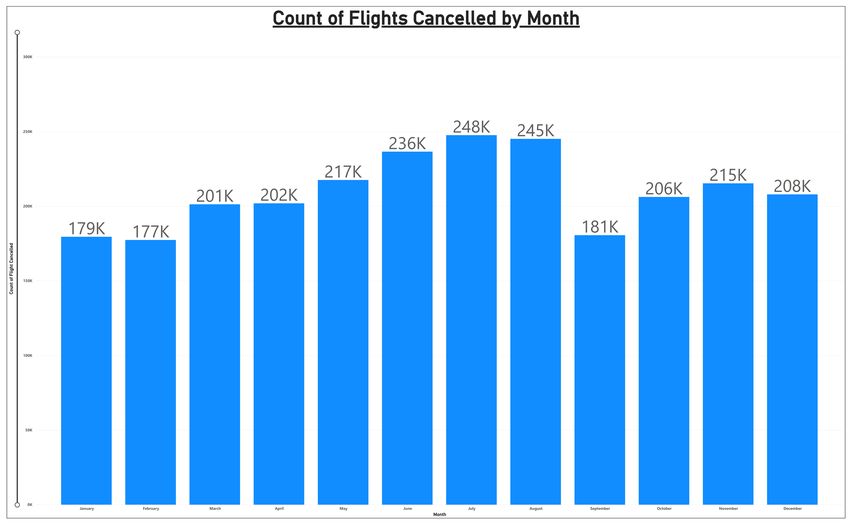
Count of Cancelled Flights by the Airlines



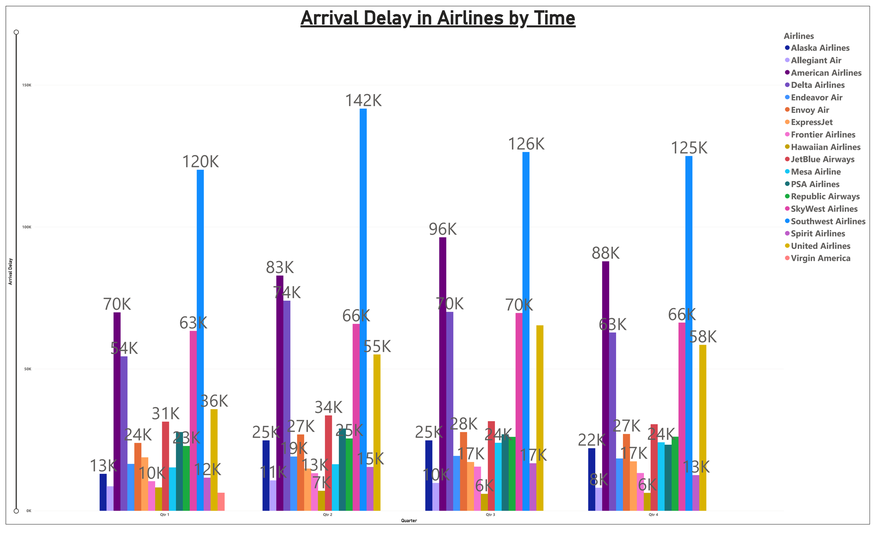
Average and Median of Arrival Delay by Months



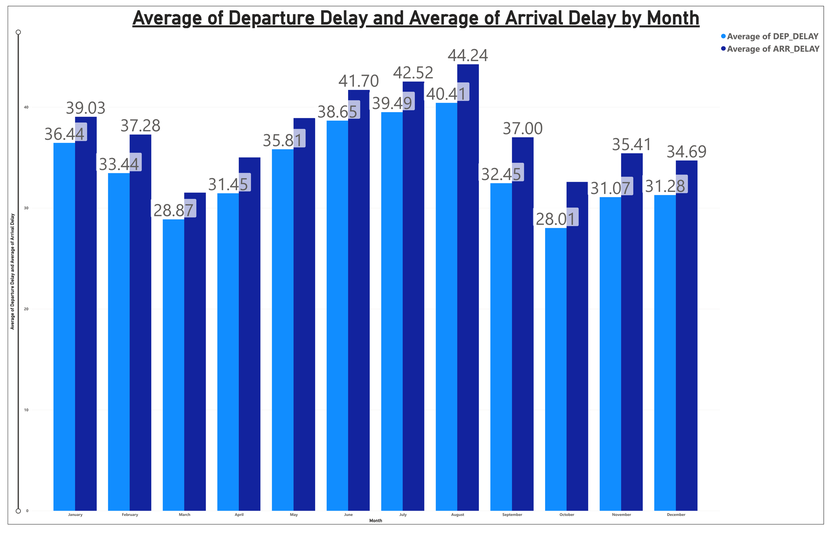
Count of Flights Cancelled by Month



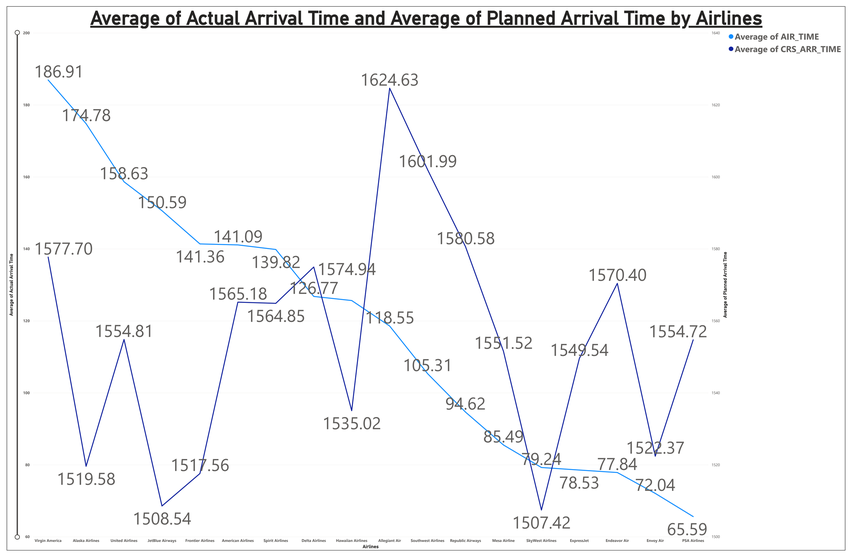
Arrival Delay in Airlines by Time



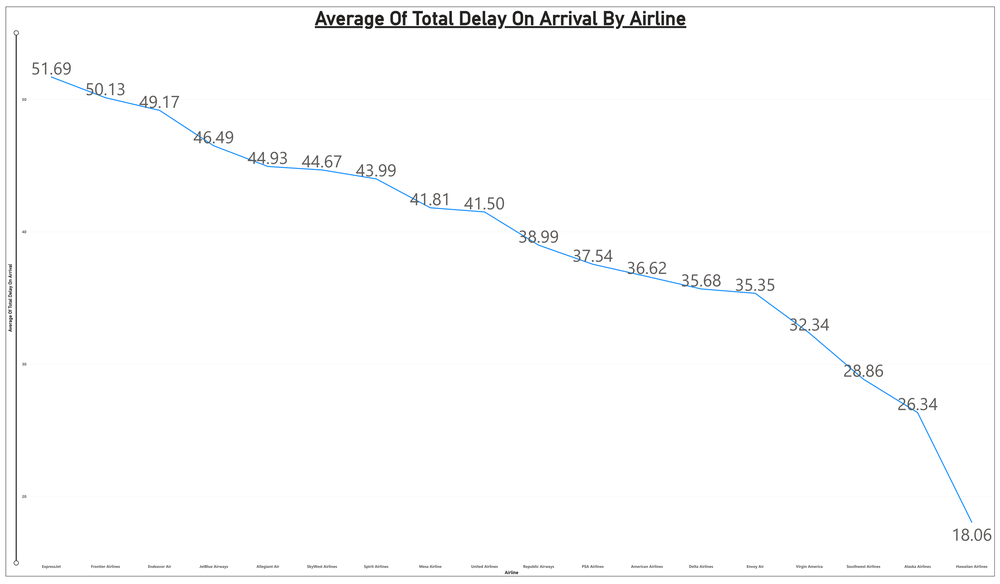
Average of Departure Delay and Average of Arrival Delay by Month



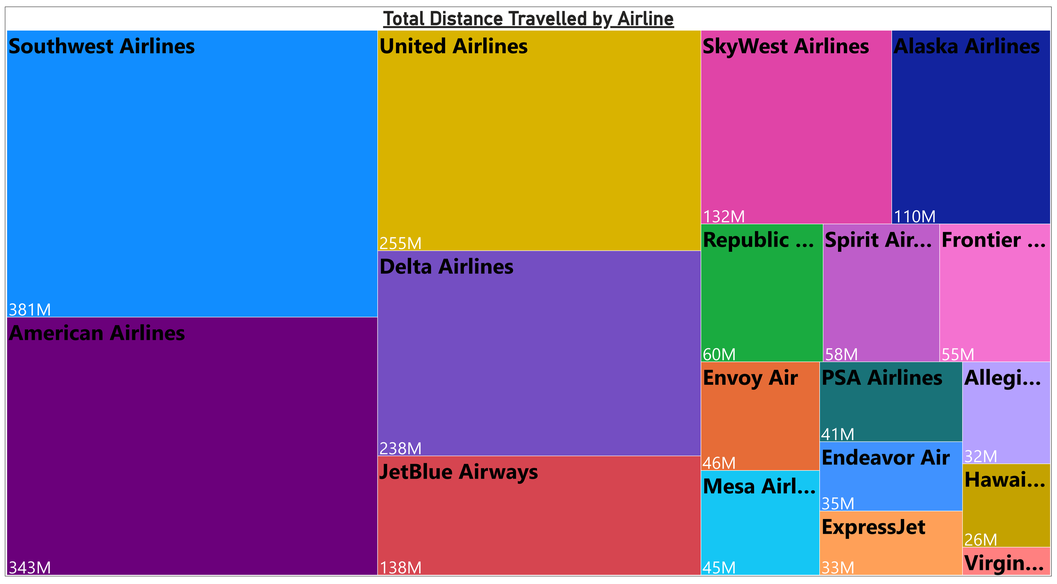
Average of Actual Arrival Time and Average of Planned Arrival Time by Airlines



Average Of Total Delay On Arrival By Airline



Total Distance Travelled by Airline



Airlines

Alaska Airlines	Envoy Air	Mesa Airline	Spirit Airlines
Allegiant Air	ExpressJet	PSA Airlines	United Airlines
American Airlines	Frontier Airlines	Republic Airways	Virgin America
Delta Airlines	Hawaiian Airlines	SkyWest Airlines	
Endeavor Air	JetBlue Airways	Southwest Airlines	