DSC640 FinalProject-ASumbaraju

File created on: 8/7/2021 6:09:56 PM

Fatal Accidents 2000 - 2014

| Airline	Count
American*	3
Garuda Indonesia	2
TAM	2
Turkish Airlines	2
US Airways / America West*	2
United / Continental*	2
Air France	2
Kenya Airways	2
Delta / Northwest*	2
Malaysia Airlines	2
Ethiopian Airlines	2
Pakistan International	2
Aeroflot*	1
China Airlines	1
Egyptair	1
Gulf Air	1
Philippine Airlines	1
Air India*	1
Air New Zealand*	1
SAS*	1
TACA	1
Thai Airways	1
Alaska Airlines*	1
Singapore Airlines	1

Fatal Accidents 00..

0   3

Airline and sum of Fatal Accidents 00 14. Color shows sum of Fatal Accidents 00 14. Size shows sum of Fatal Accidents 00 14. The marks are labeled by Airline and sum of Fatal Accidents 00 14. The view is filtered on sum of Fatal Accidents 00 14, which ranges from 0 to 3.
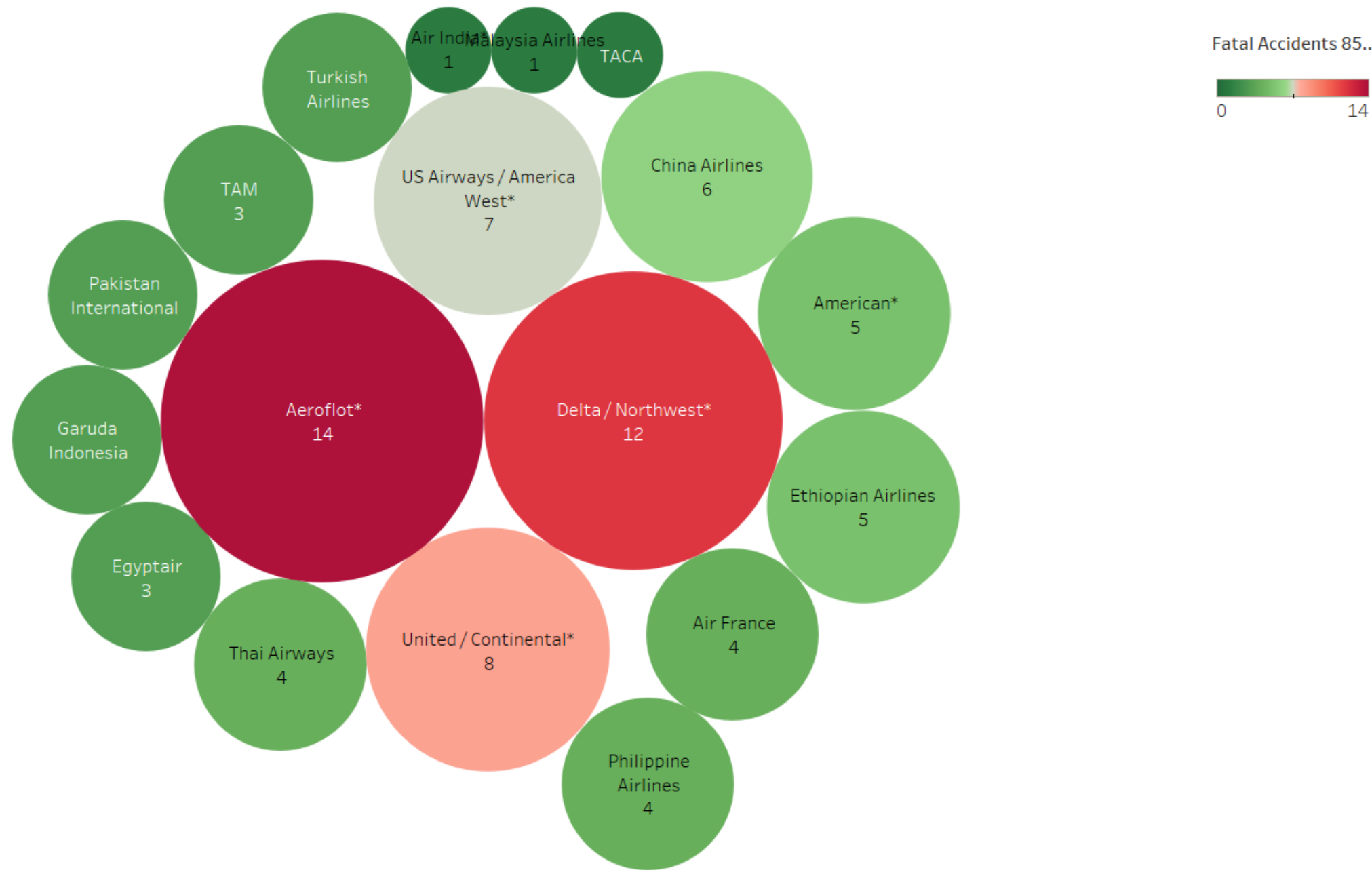
Accident Trend
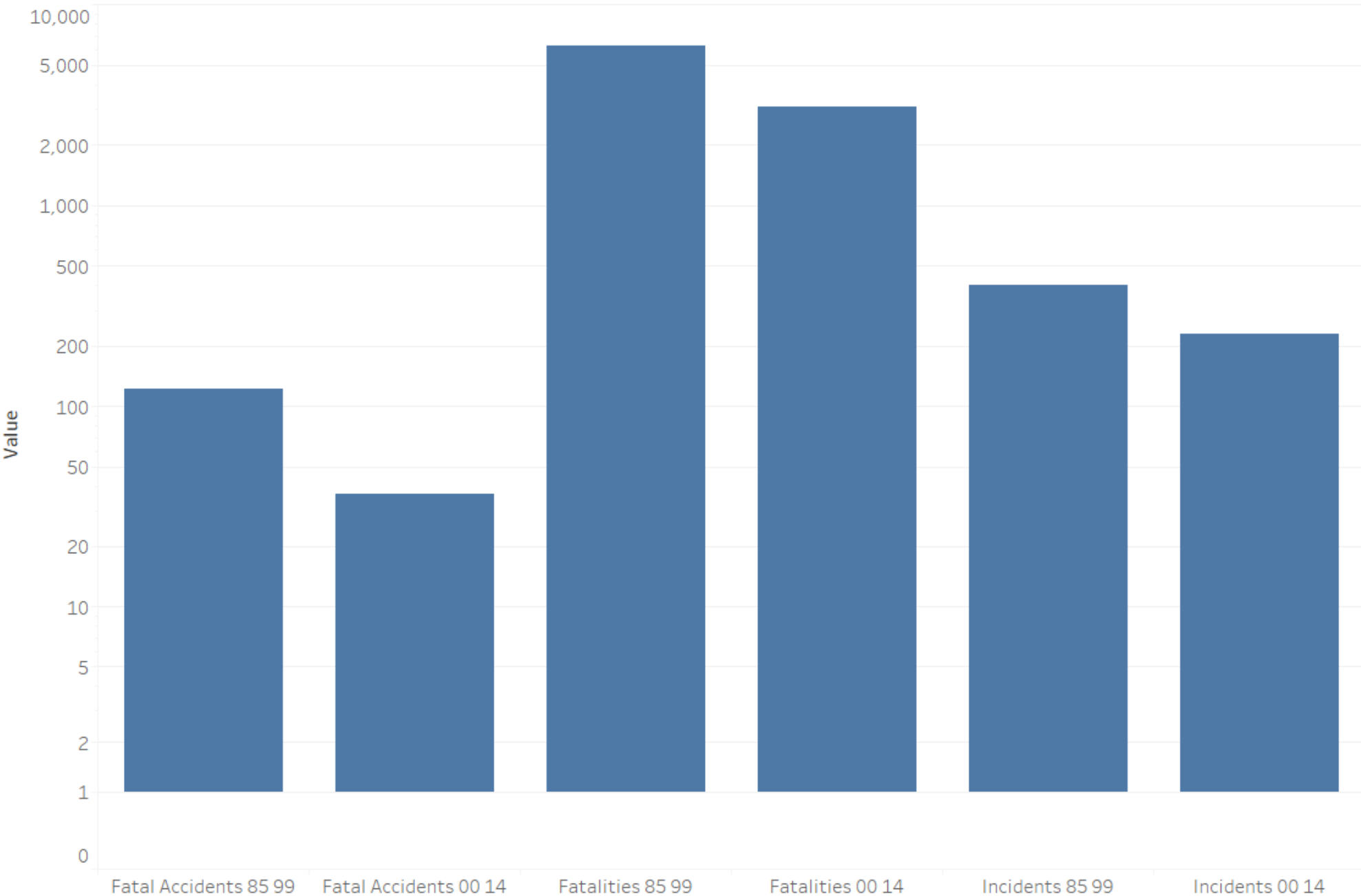
Fatal Accidents 85 99, Fatal Accidents 00 14, Fatalities 85 99, Fatalities 00 14, Incidents 85 99 and Incidents 00 14.
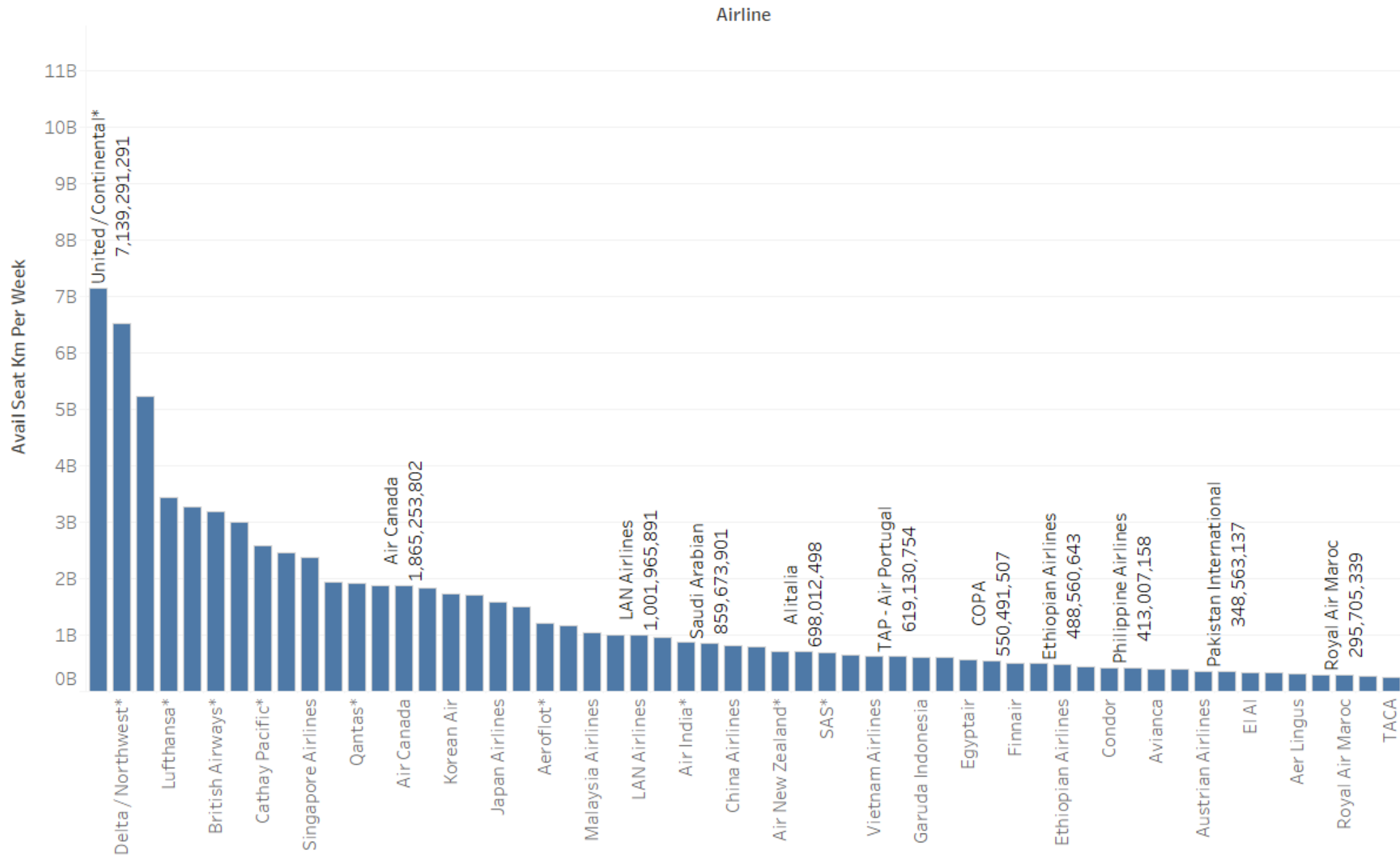
US Carrier Safety trend
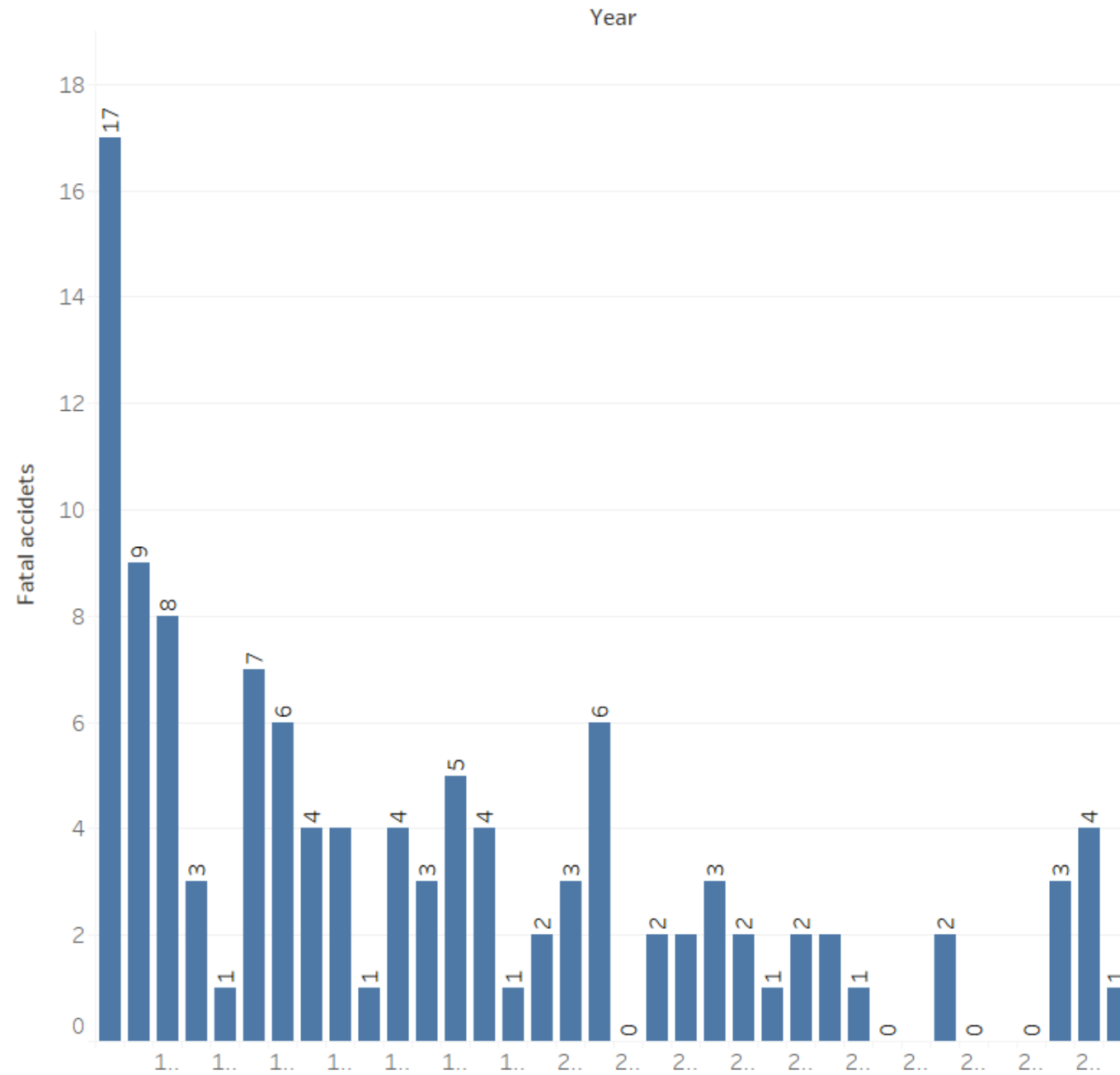
Sum of Fatal accidets for each Year. The marks are labeled by sum of Fatal accidets.

Fatal Accidents 1985-99

Fatal Accidents 85..

0 — 14

Air India 1

Malaysia Airlines 1

TACA

Turkish Airlines

US Airways / America West* 7

China Airlines 6

TAM 3

American* 5

Pakistan International

Aeroflot* 14

Delta / Northwest* 12

Ethiopian Airlines 5

Garuda Indonesia

Egyptair 3

Thai Airways 4

United / Continental* 8

Air France 4

Philippine Airlines 4

Airline and sum of Fatal Accidents 85 99. Color shows sum of Fatal Accidents 85 99. Size shows sum of Fatal Accidents 85 99. The marks are labeled by Airline and sum of Fatal Accidents 85 99. The data is filtered on sum of Fatal Accidents 00 14, which ranges from 1 to 3. The view is filtered on Airline, which excludes Singapore Airlines.

distance travelled by airlines per week 1985-2014

Airline

Avail Seat Km Per Week

United / Continental* 7,139,291,291

Air Canada 1,865,253,802

LAN Airlines 1,001,965,891

Saudi Arabian 859,673,901

Alitalia 698,012,498

TAP - Air Portugal 619,130,754

COPA 550,491,507

Ethiopian Airlines 488,560,643

Philippine Airlines 413,007,158

Pakistan International 348,563,137

Royal Air Maroc 295,705,339

Delta / Northwest* • Lufthansa* • British Airways* • Cathay Pacific* • Singapore Airlines • Qantas* • Air Canada • Korean Air • Japan Airlines • Aeroflot* • Malaysia Airlines • LAN Airlines • Air India* • China Airlines • Air New Zealand* • SAS* • Vietnam Airlines • Garuda Indonesia • Egyptair • Finnair • Ethiopian Airlines • Condor • Avianca • Austrian Airlines • El Al • Aer Lingus • Royal Air Maroc • TACA

Sum of Avail Seat Km Per Week for each Airline. The marks are labeled by Airline and Avail Seat Km Per Week as an attribute. The view is filtered on Airline, which keeps 56 of 56 members.

# Performance of Airliner w.r.t incidents
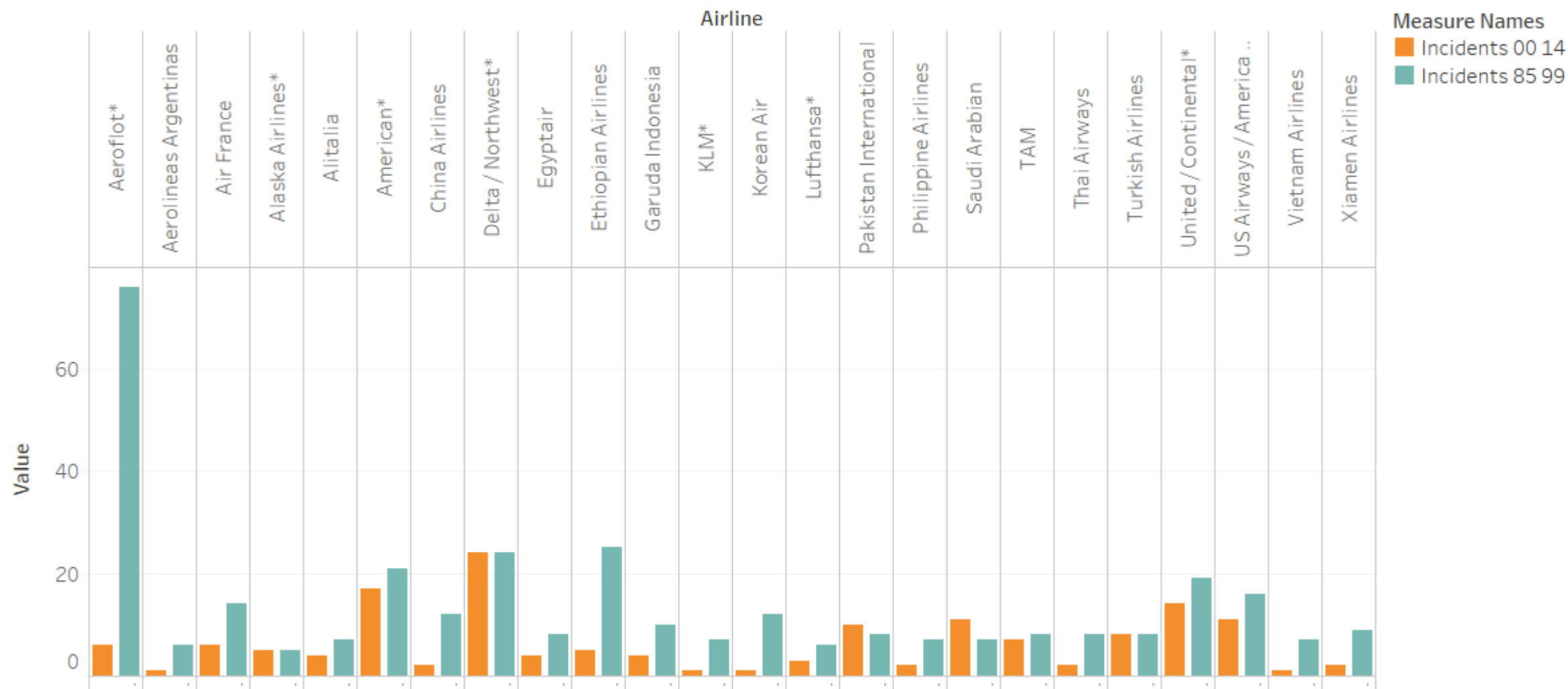
Incidents 00 14 and Incidents 85 99 for each Airline. Color shows details about Incidents 00 14 and Incidents 85 99. The data is filtered on Top 20 Incideneces comaprison, which ranges from 1 to 24.

Airline Market Share
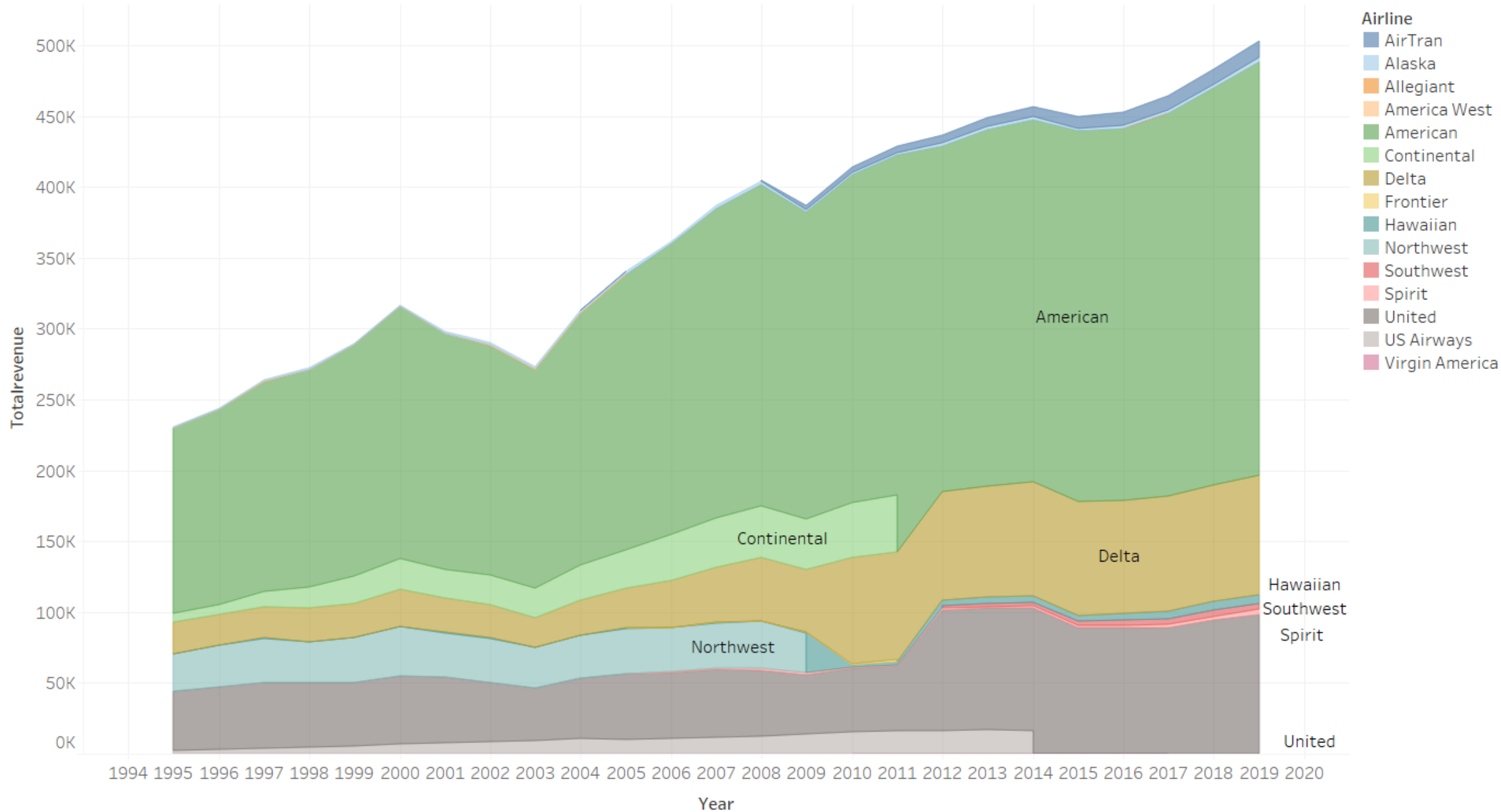
The plot of sum of Totalrevenue for Year. Color shows details about Airline. The marks are labeled by Airline. The view is filtered on sum of Totalrevenue, which keeps non-Null values only.

Market_share_pie

Airline and sum of Totalrevenue. Color shows details about Airline. Size shows sum of Totalrevenue. The marks are labeled by Airline and sum of Totalrevenue. The data is filtered on Year, which ranges from 2019 to 2019. The view is filtered on sum of Totalrevenue, which keeps non-Null values only.
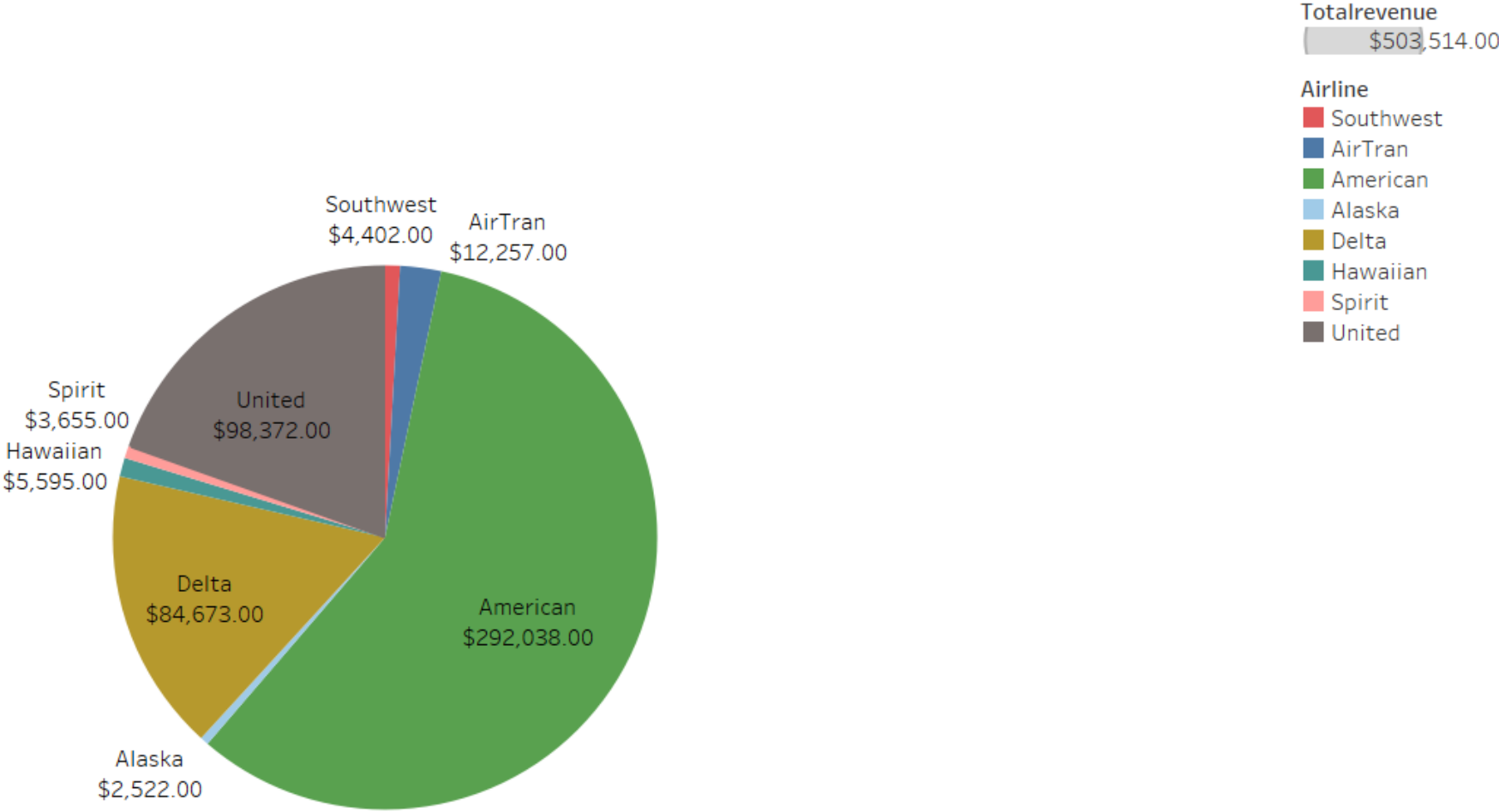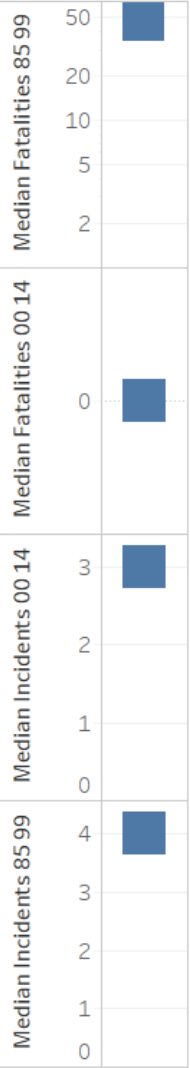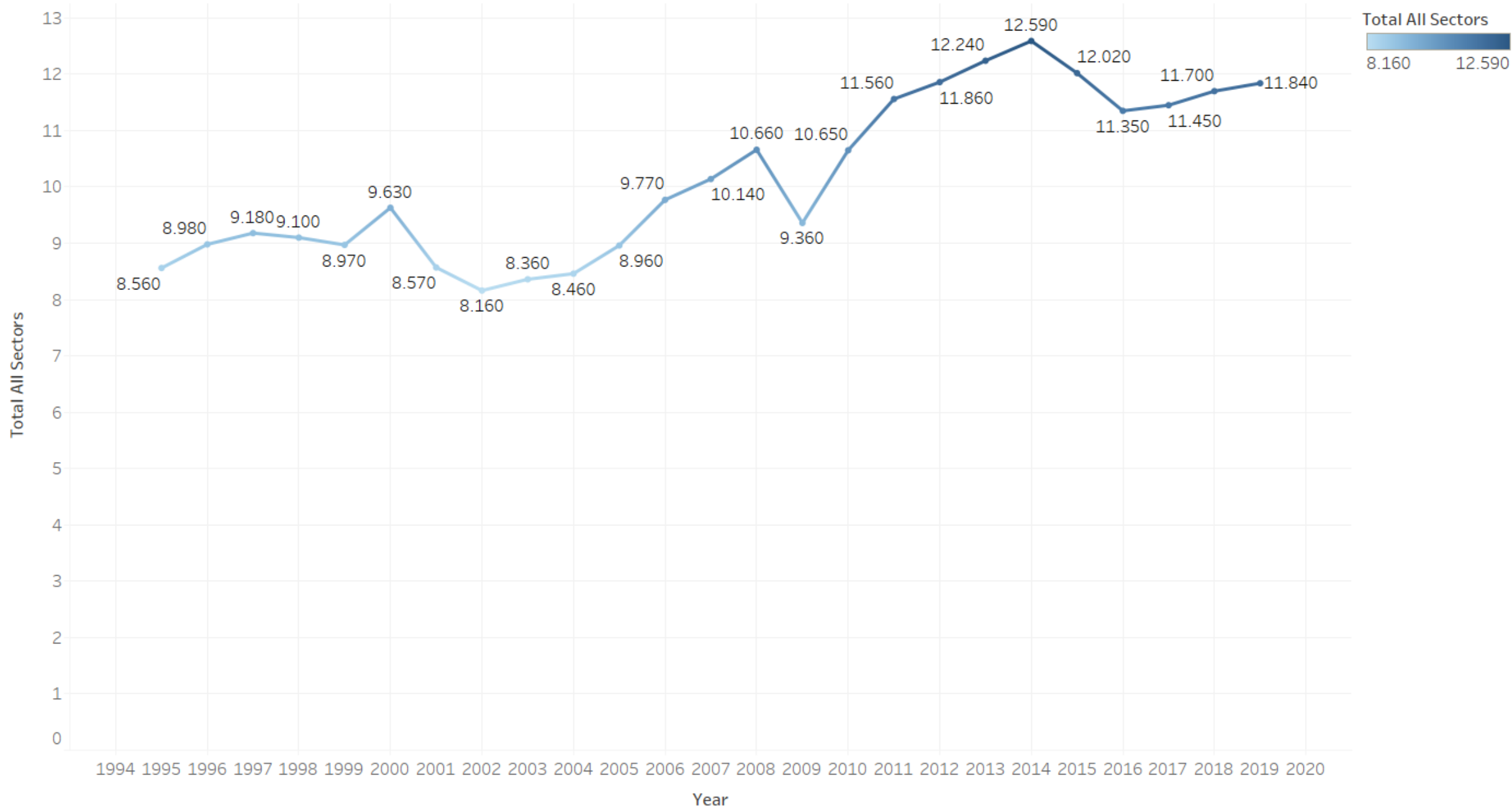
AirlineStocks
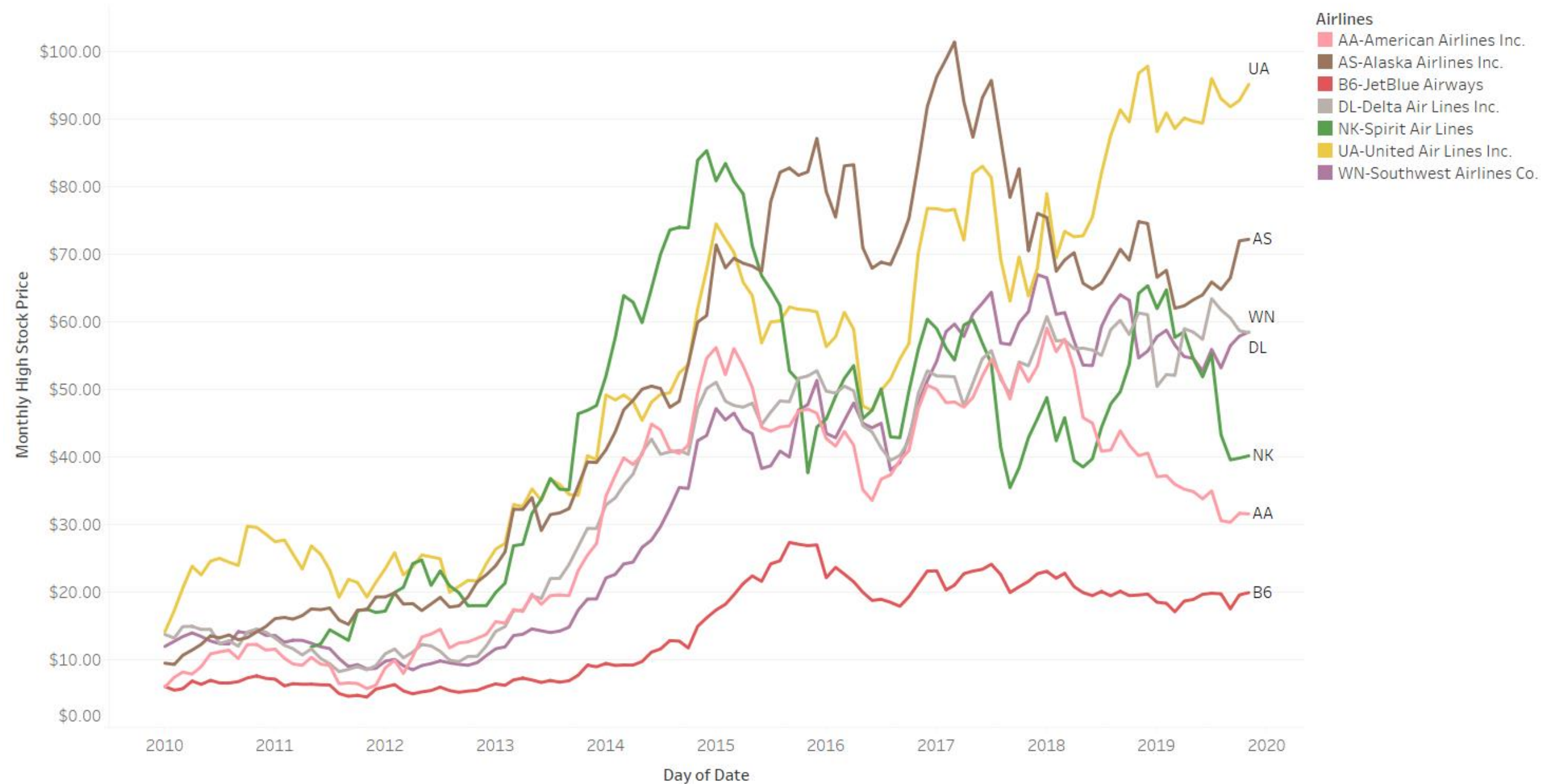
The trend of High as an attribute for Date Day. Color shows details about Carrier Name1. The marks are labeled by Carrier Id (Monthly Stock Data 7 Airlines.Csv).

Median of Fatalities

Median of Fatalities 85 99, median of Fatalities 00 14, median of Incidents 00 14 and median of Incidents 85 99.
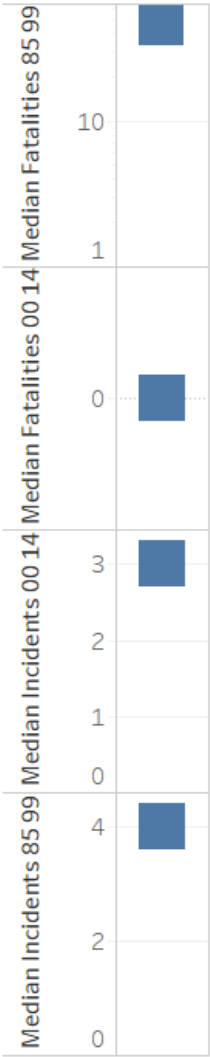
passenger revenue per available seat mile

The trend of sum of Total All Sectors for Year. Color shows sum of Total All Sectors. The marks are labeled by sum of Total All Sectors.

AirLine Performance Dashboard - Miles and Revenue Based

distance travelled by airlines per week 1985-2014

Airline

AirlineStocks

Airlines
- AA-American Airlines Inc.
- AS-Alaska Airlines Inc.
- B6-JetBlue Airways
- DL-Delta Air Lines Inc.
- NK-Spirit Air Lines
- UA-United Air Lines Inc.
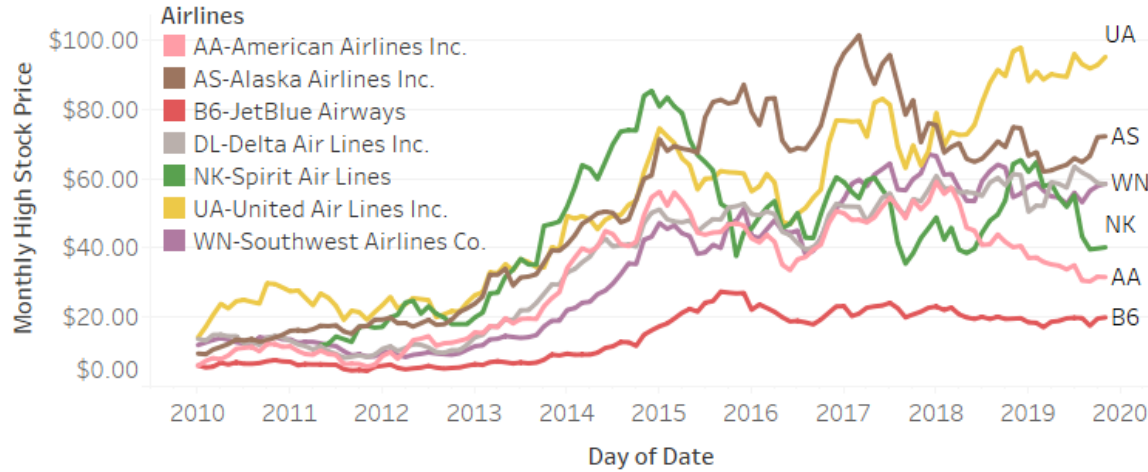- WN-Southwest Airlines Co.

Median of Fatalities

passenger revenue per available seat mile

Airline Market Share

Airline
- AirTran
- Alaska
- Allegiant
- America West
- American
- Continental
- Delta
- Frontier
- Hawaiian
- Northwest
- Southwest
- Spirit
- United
- US Airways
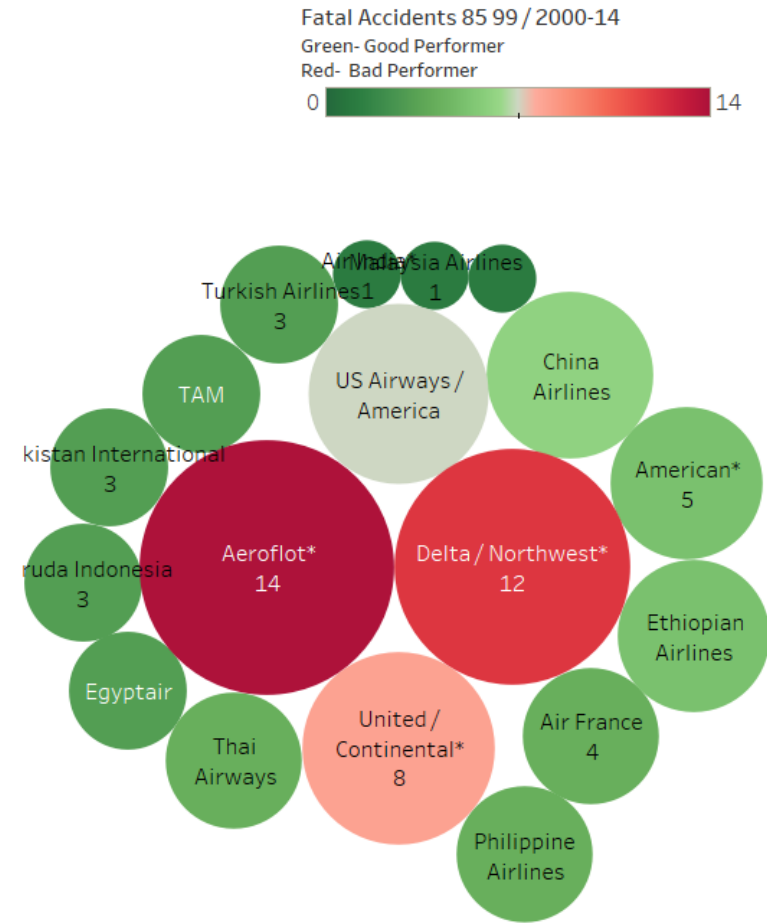- Virgin America

AirLine Performance Dashboard - Incidents and Fatal Accidents Based

Fatal Accidents 1985-99

Fatal Accidents 85 99 / 2000-14
Green- Good Performer
Red- Bad Performer

0 — 14

Fatal Accidents 2000 - 2014

American* 3	Garuda Indonesia 2	TAM 2	Aeroflot* 1	Air India* 1	Air New Zealand* 1	Alaska Airlines* 1
Air France 2	Kenya Airways 2	Turkish Airlines 2	China Airlines 1	SAS* 1		
Delta / Northwest* 2	Malaysia Airlines 2	US Airways / America West* 2	Egyptair 1			
			Gulf Air 1	TACA 1		
Ethiopian Airlines 2	Pakistan International 2	United / Continental* 2	Philippine Airlines 1	Thai Airways 1		

Performance of Airliner w.r.t incidents

Airline

Aeroflot*, Aerolineas Argentinas, Air France, Alaska Airlines*, Alitalia, American*, China Airlines, Delta / Northwest*, Egyptair, Ethiopian Airlines, Garuda Indonesia, KLM*, Korean Air, Lufthansa*, Pakistan International, Philippine Airlines, Saudi Arabian, TAM, Thai Airways, Turkish Airlines, United / Continental*, US Airways / America.., Vietnam Airlines, Xiamen Airlines

Measure Names
- Incidents 00 14
- Incidents 85 99

Value
60
40
20
0