

# United Airlines: On-Time Performance



## UNITED AIRLINES

*Fly the Friendly Skies*

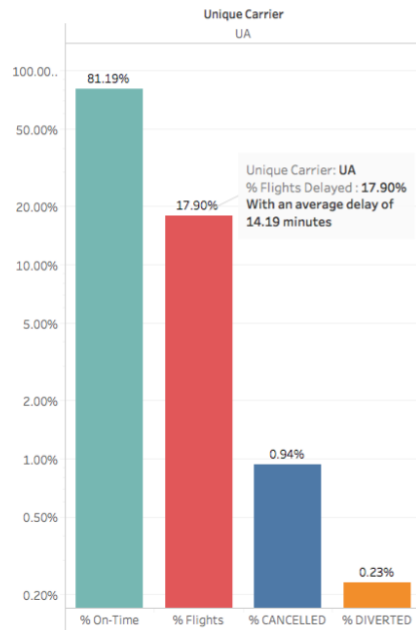


- The world's third largest airline
- Main competitors are American, Delta and Southwest airlines
- Hubs located in Chicago, Denver, Guam, Houston, Los Angeles, Newark, San Francisco, Tokyo and Washington D.C.
- Chicago-O'Hare is United's largest hub
- Operates in 342 destinations

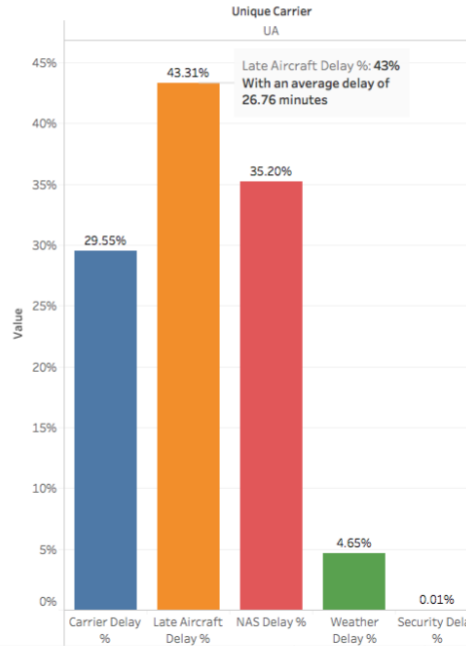
## United Airlines On-Time Performance Analysis

United Airlines	Welcome!	Overview United Airlines : Flight and Delay Statistics	United Airlines: Departure delay by month and day	United Airlines: Delay by flight date
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### Flight Statistics



### Reasons for delay Percentages



United Airlines Performance Comparison of all airline flight n... Flight Numbers Month/Day Delay Arr/Dep Delay Sheet 35 Avg Arrival Delay Delay Type - State Delay Type Comparison Airport vs Ai

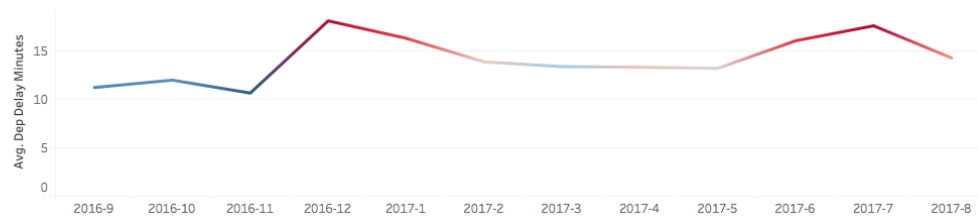
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### Periodic Delay

- ☒ Delay by Month
- ☐ Delay by Day

### Departure Delay by Month



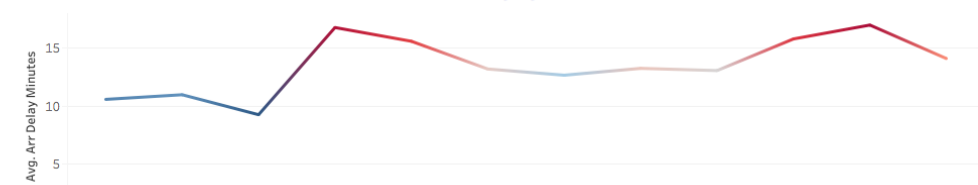
### Departure Delay

	2016-12	2017-7	2017-1	2017-6	2017-8	2017-2	2017-3	2017-4	2017-5	2016-10	2016-9	2016-11
UA	18.115	17.604	16.316	16.060	14.080	13.879	13.390	13.325	13.213	11.991	11.229	10.656

### Arrival Delay

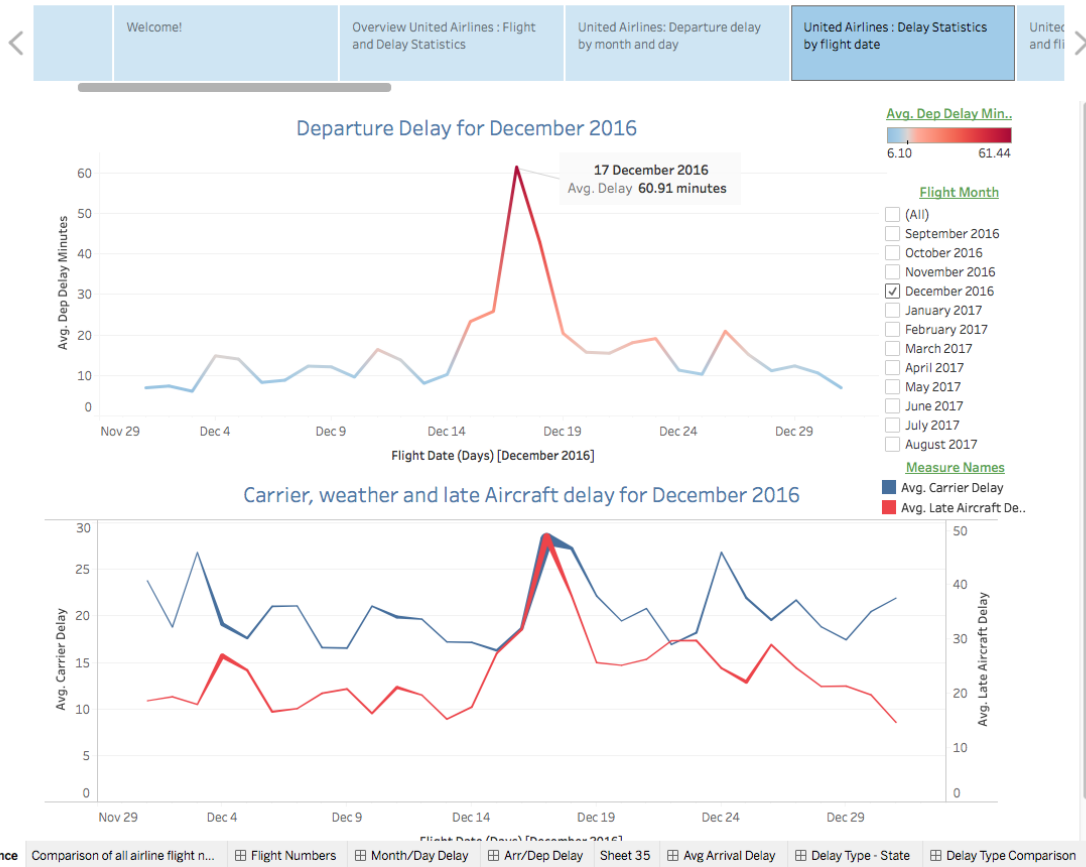
	2017-7	2016-12	2017-6	2017-1	2017-8	2017-2	2017-3	2017-4	2017-5	2016-10	2016-9	2016-11
UA	16.950	16.738	15.760	15.558	14.080	13.233	13.177	13.044	12.645	10.969	10.570	9.255

### Arrival Delay by Month

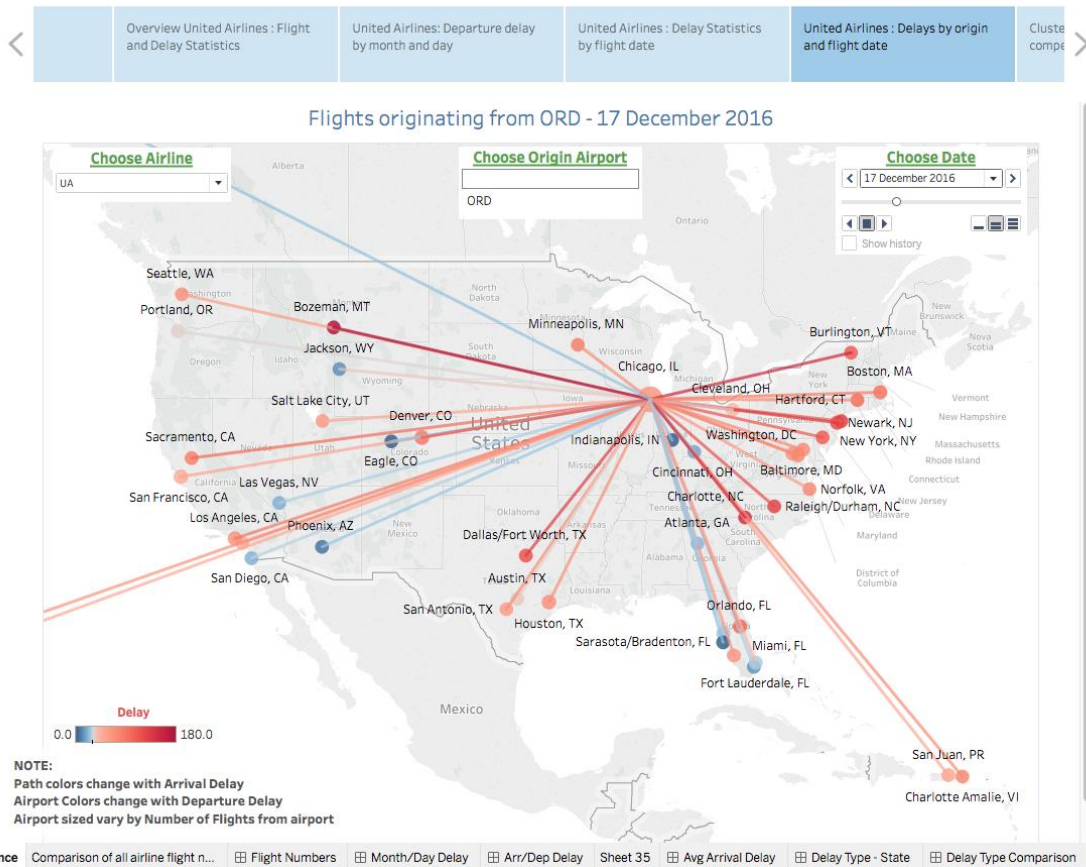


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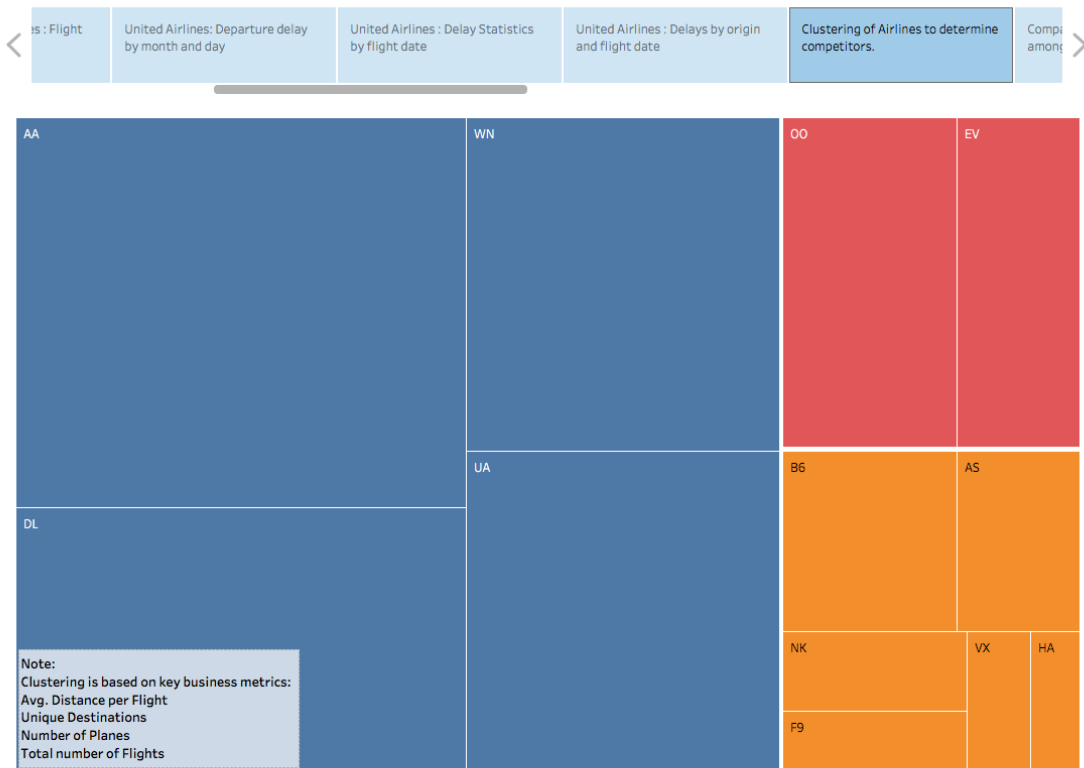
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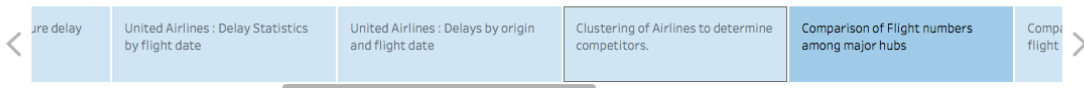


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Comparison of all airline flight numbers

Origin City ..	Unique Carrier											
	AA	AS	B6	DL	EV	F9	HA	NK	OO	UA	VX	WN
Atlanta, GA	12,627	794	728	244,951	48,283	3,689		7,173	9,508	5,236		42,550
Chicago, IL	62,530	2,089	2,436	10,126	30,477	3,471		10,039	66,999	73,928	1,493	83,196
Dallas/Fort Worth, TX	138,572	1,502	644	5,382	19,850	683		8,116	4,392	5,767		
Denver, CO	10,797	1,671	1,115	9,548		22,101		4,287	42,826	62,216	1,032	68,277
Houston, TX	7,760	625	736	4,994	45,919	1,393		6,127	9,917	58,527		51,185
Las Vegas, NV	14,869	4,622	5,326	13,385		7,012	908	11,549	2,044	11,923	4,813	75,106
Los Angeles, CA	39,228	8,942	5,655	32,493		1,927	1,649	9,526	30,253	27,789	14,299	42,373
New York, NY	40,608	365	49,134	54,101	13,327	994	352	4,015	775	8,433	5,505	11,042
Phoenix, AZ	56,719	2,635	732	7,535		3,221	365	961	16,587	7,046		61,161
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## United Airlines On-Time Performance Analysis

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Comparison of Flight numbers among major hubs

Comparison between Airlines for flight and plane statistics.

Percent Cancelled Flights per Airport and select airline

Comparing Average Arrival and Departure Delay by State for United and Selected Airline

State Delay it's de

Unique Carrier

UA

Arrival/Departure Delay

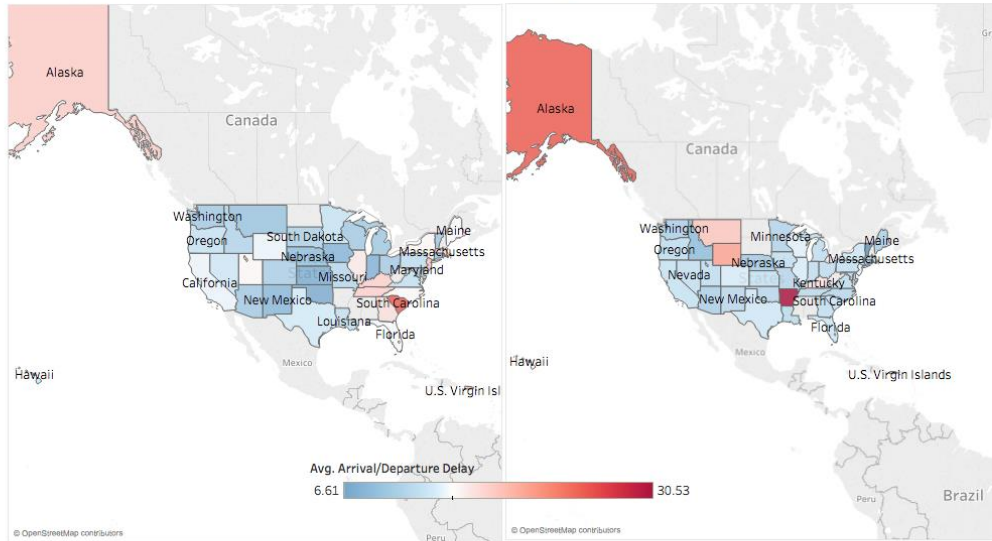
☐ Arrival Delay  
☒ Departure Delay

Unique Carrier

AA

Average Delay - UA

Average Delay - AA



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Comparison between Airlines for flight and plane statistics.

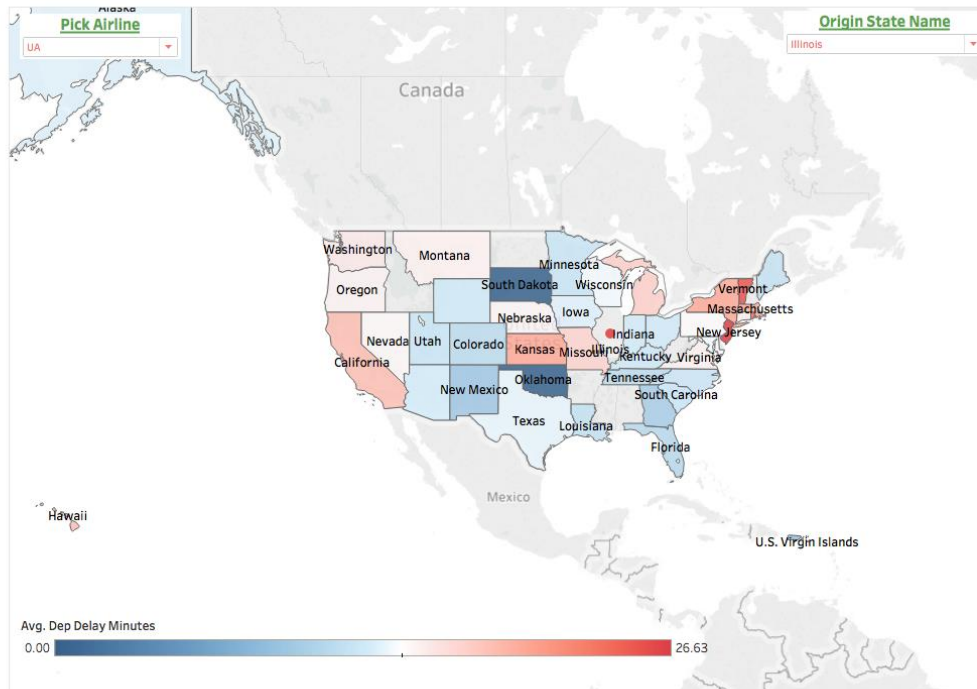
Percent Cancelled Flights per Airport and select airline

Comparing Average Arrival and Departure Delay by State for United and Selected Airline

State wise average arrival delay : Delay from one Origin state to all it's destinations

Compi Delay

Average Arrival Delay from an Origin to all its destinations



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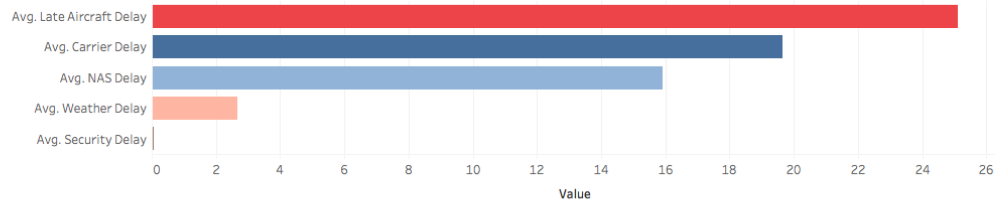
## United Airlines On-Time Performance Analysis

Lines for cs.	Percent Cancelled Flights per Airport and select airline	Comparing Average Arrival and Departure Delay by State for United and Selected Airline	State wise average arrival delay : Delay from one Origin state to all it's destinations	Comparison of types of Departure Delay for select airlines	Comparison of Types of Airline
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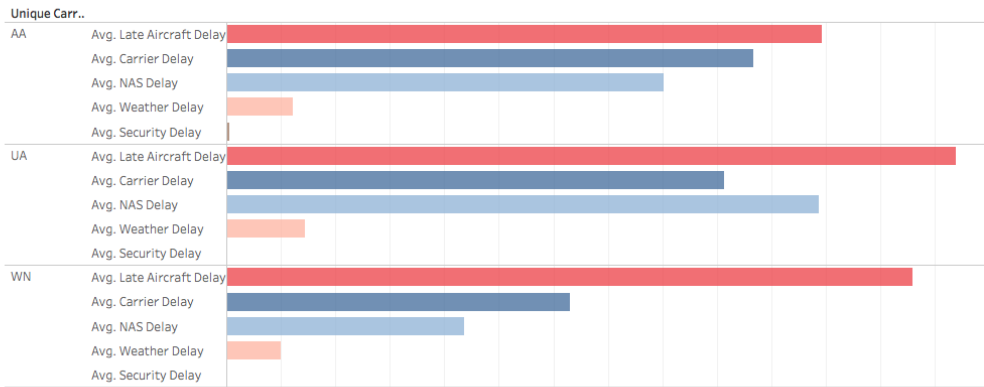
### Measure Names

■ Avg. Late Aircraft Delay
 ■ Avg. Carrier Delay
 ■ Avg. NAS Delay
 ■ Avg. Weather Delay
 ■ Avg. Security Delay

### Average of All Airlines



### Departure Delay types for AA, UA, WN

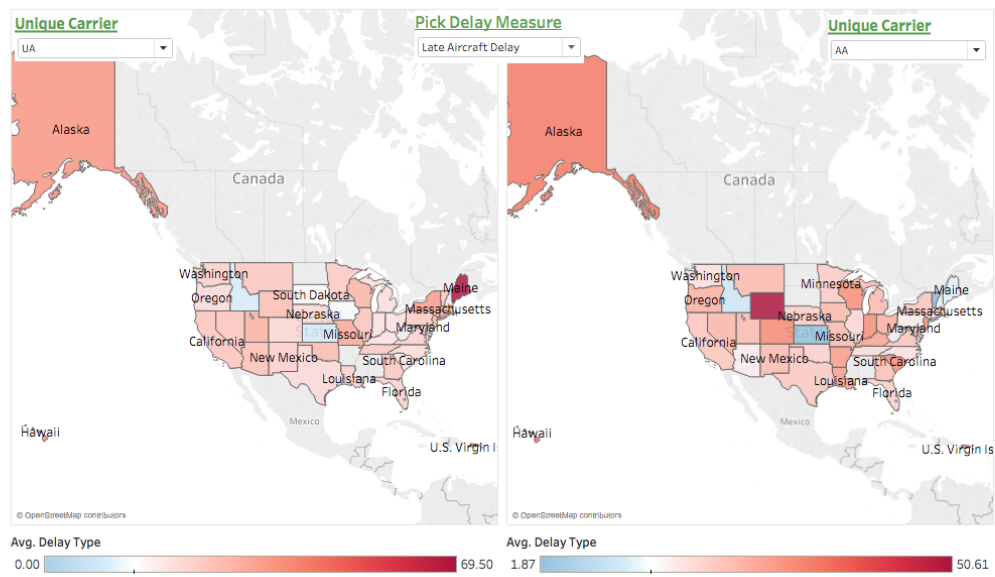


## United Airlines On-Time Performance Analysis

ts per e	Comparing Average Arrival and Departure Delay by State for United and Selected Airline	State wise average arrival delay : Delay from one Origin state to all it's destinations	Comparison of types of Departure Delay for select airlines	Comparison of the Various Delay Types between UA and Selected Airline	Comparison of airport
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### Average Late Aircraft Delay - UA

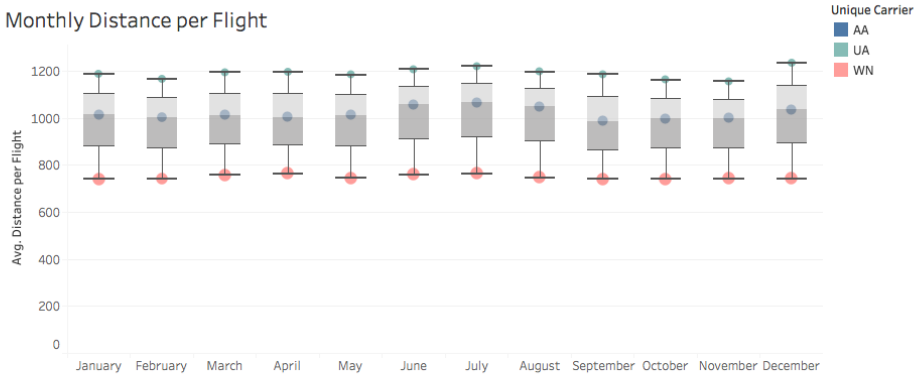
### Average Late Aircraft Delay - AA



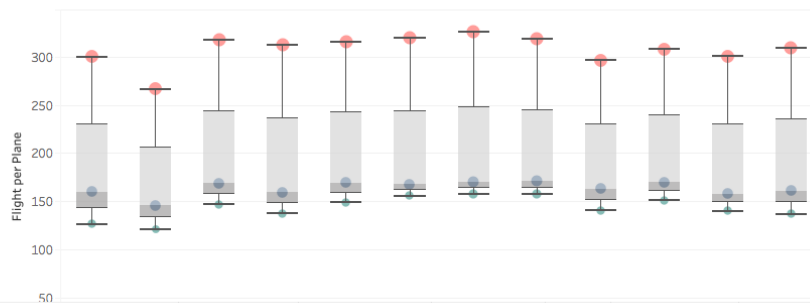
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[Comparison of Flight numbers among major hubs](#)
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[Percent Cancelled Flights per Airport and select airline](#)
[Comparing Average Arrival Departure Delay by State United and Selected Airlines](#)

Monthly Distance per Flight



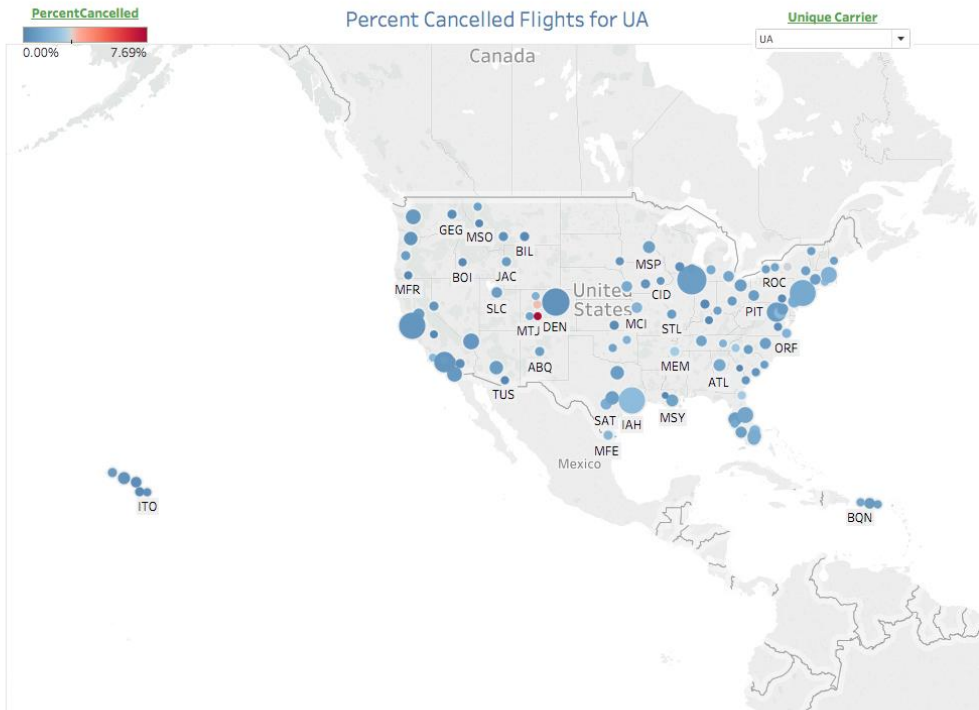
Monthly Flights per Plane



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