

Average Fare

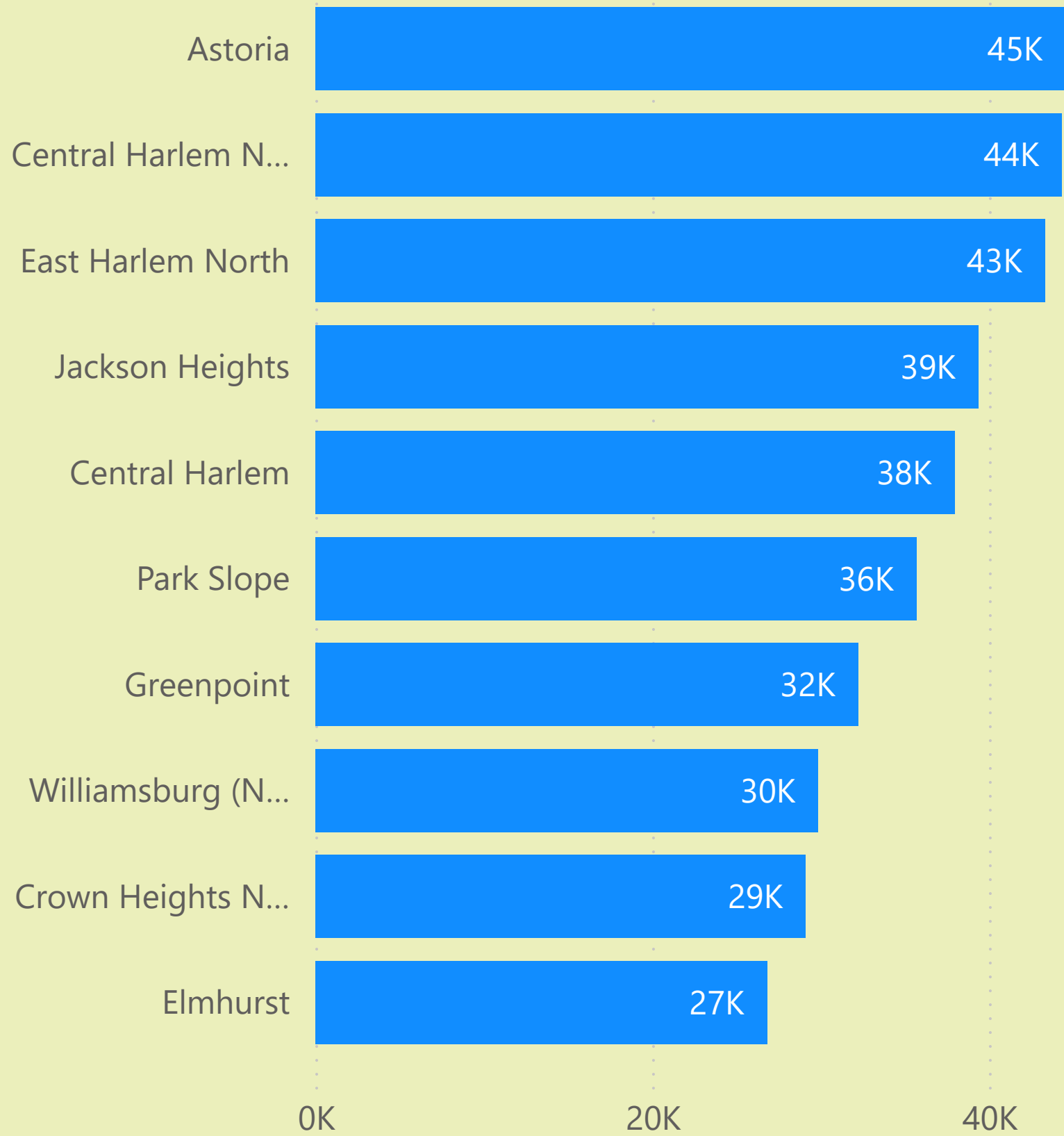
\$11.77

Day of Week

All

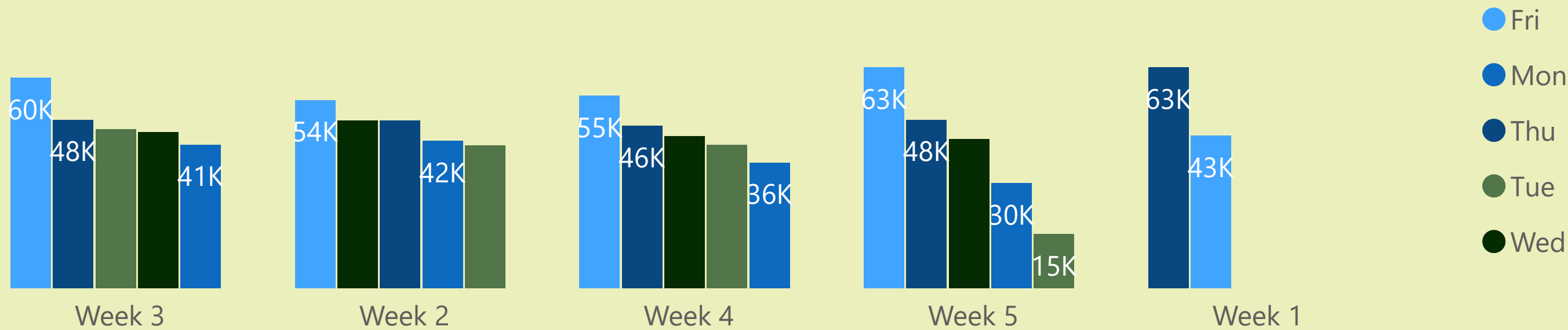


Top 10 Most common Destinations

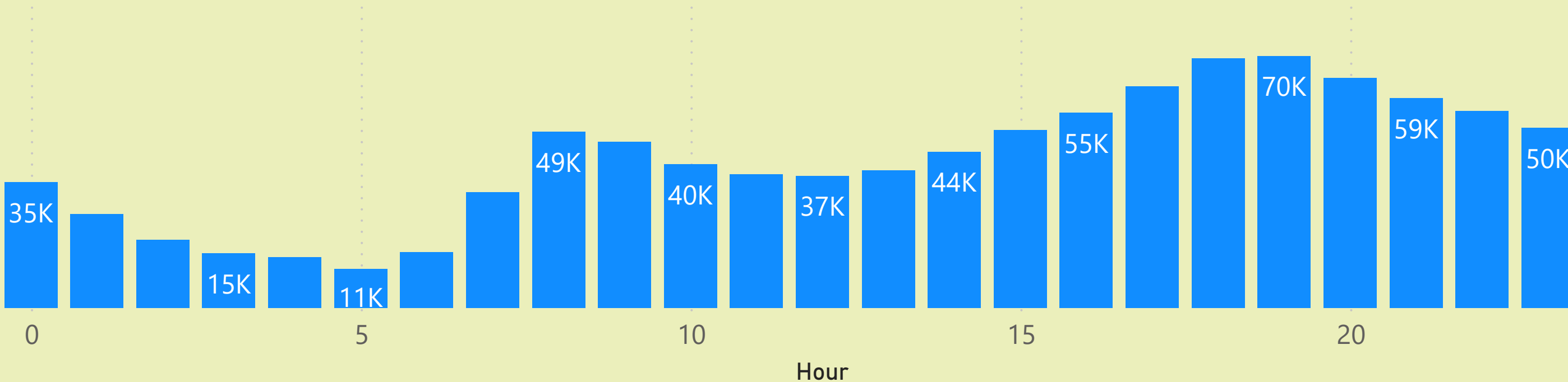


Green Taxi Information

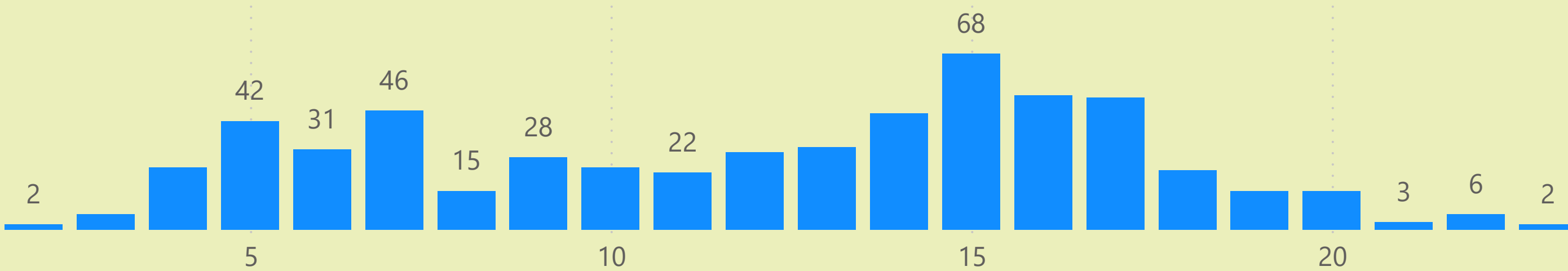
Demand in Weekdays January



Pick hours on weekdays



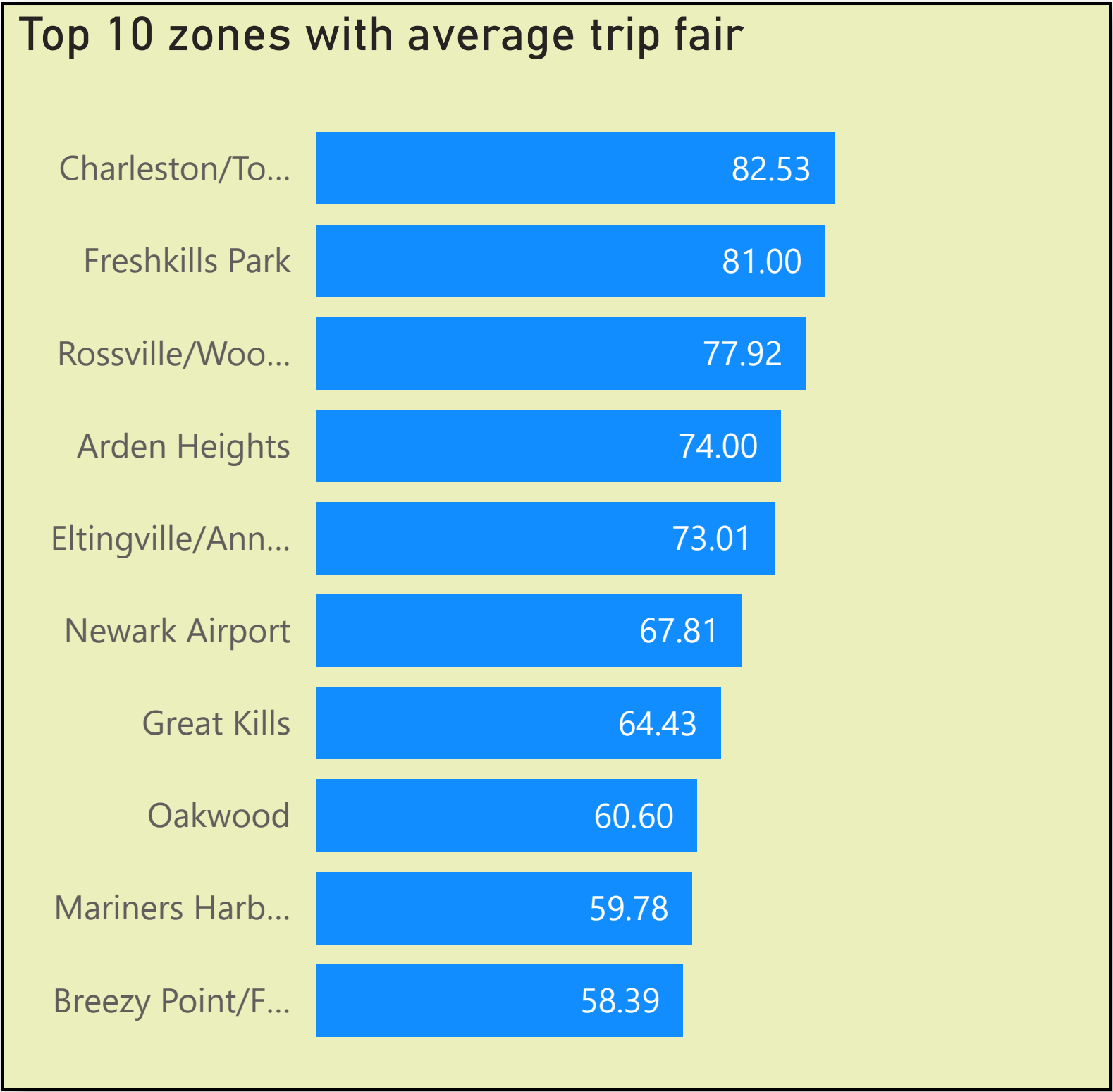
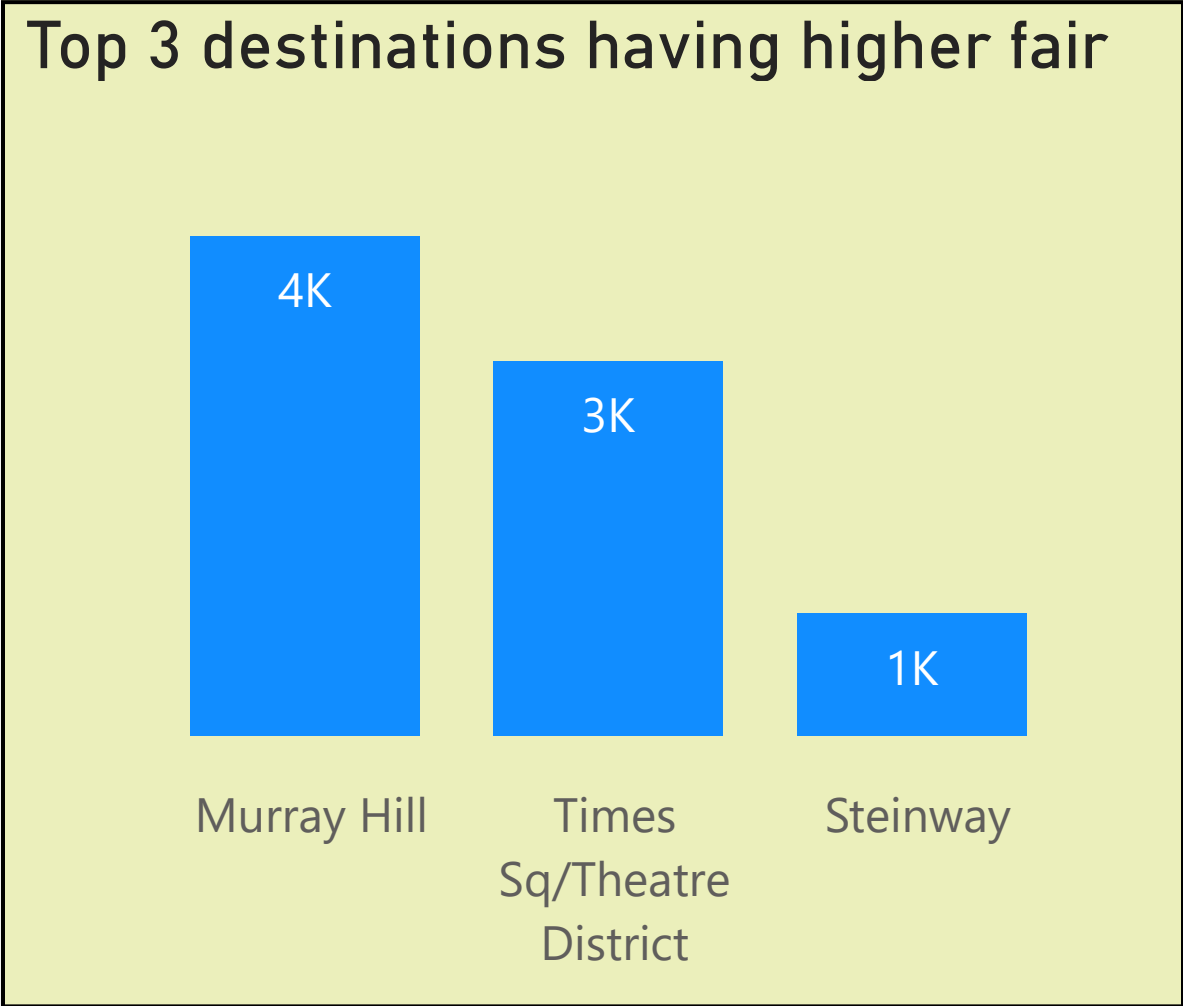
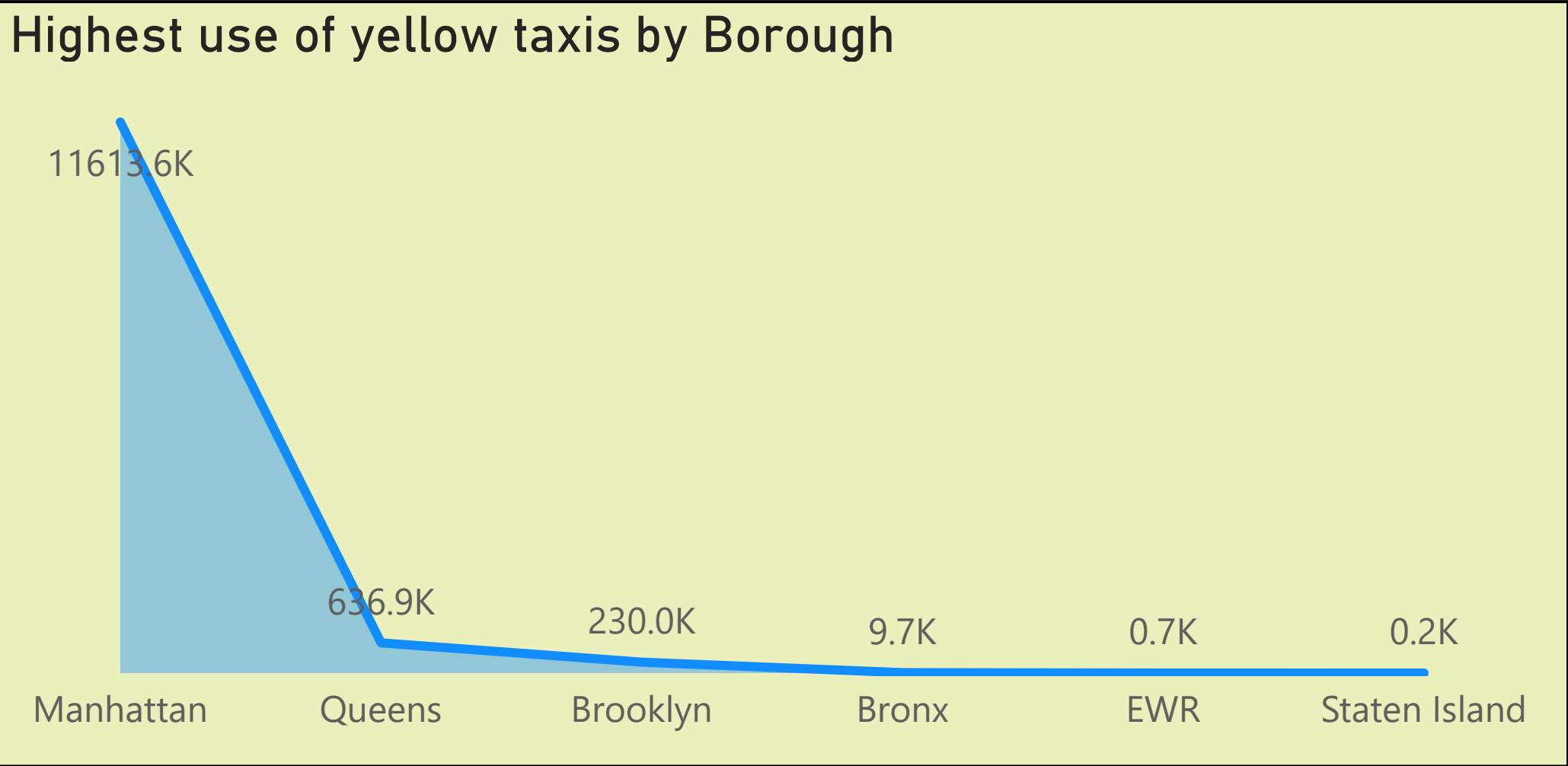
Most demanded hour of the day for taxi demands to the airport area



Borough

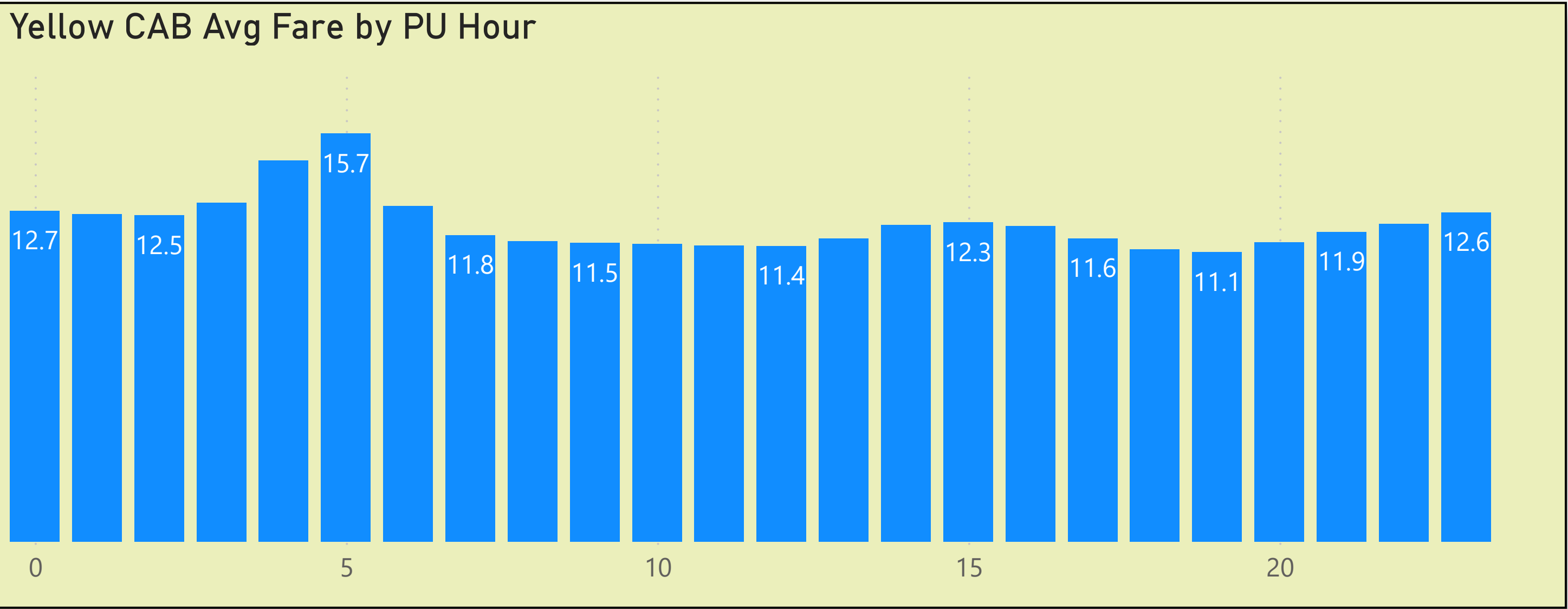
All

Yellow Taxi Information





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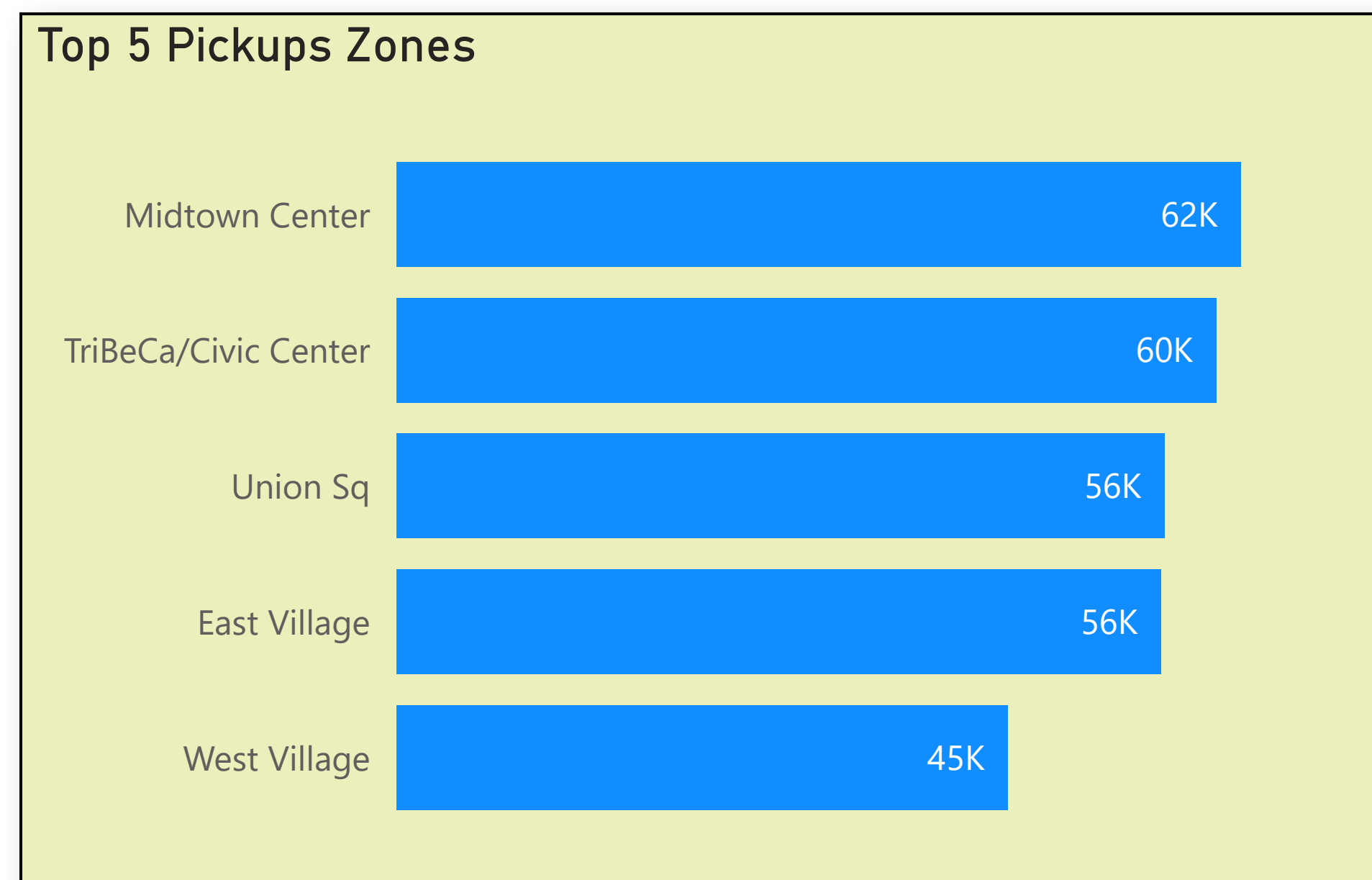
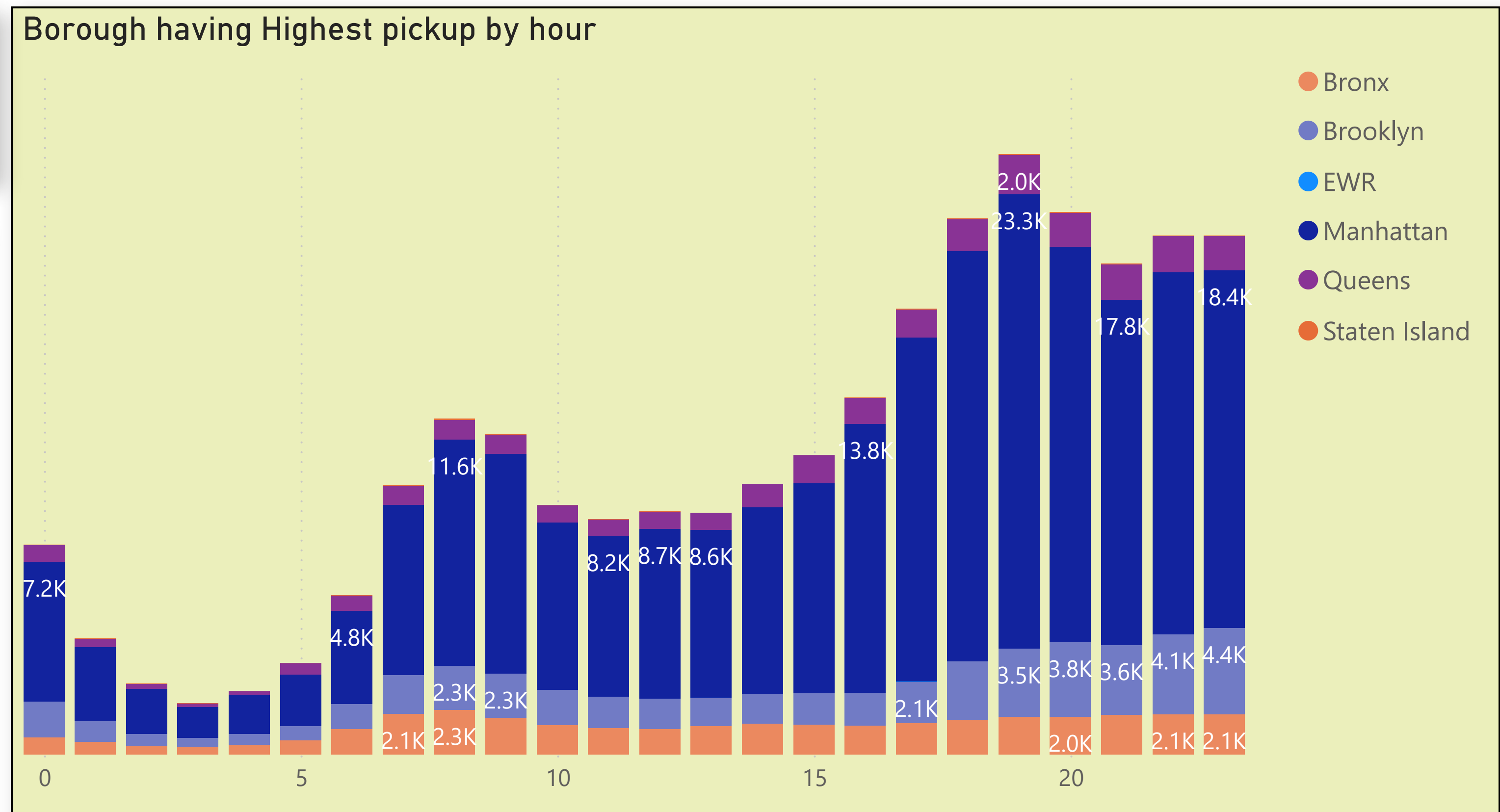
FHV Taxi Information

Most Common Pickup Zone

Midtown Center

Most Common PU Borough - Fri

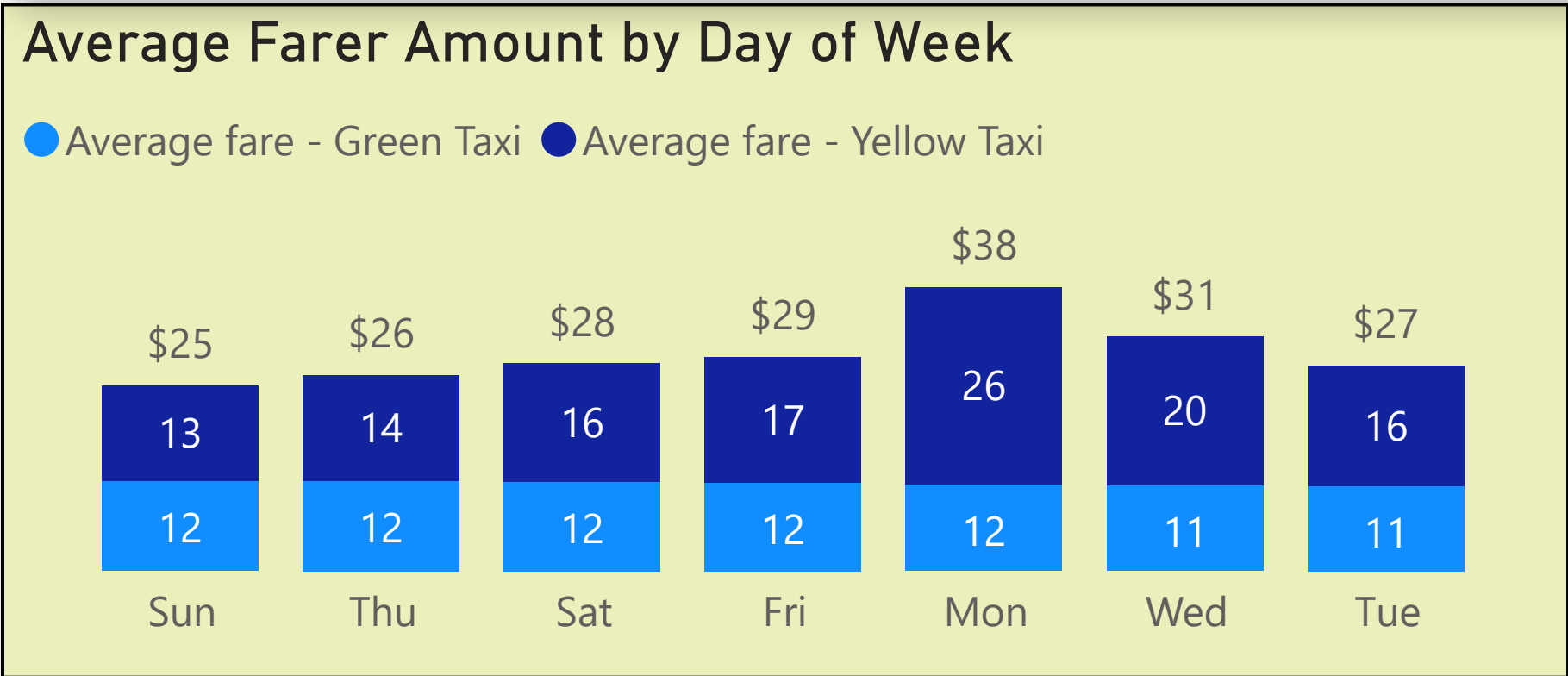
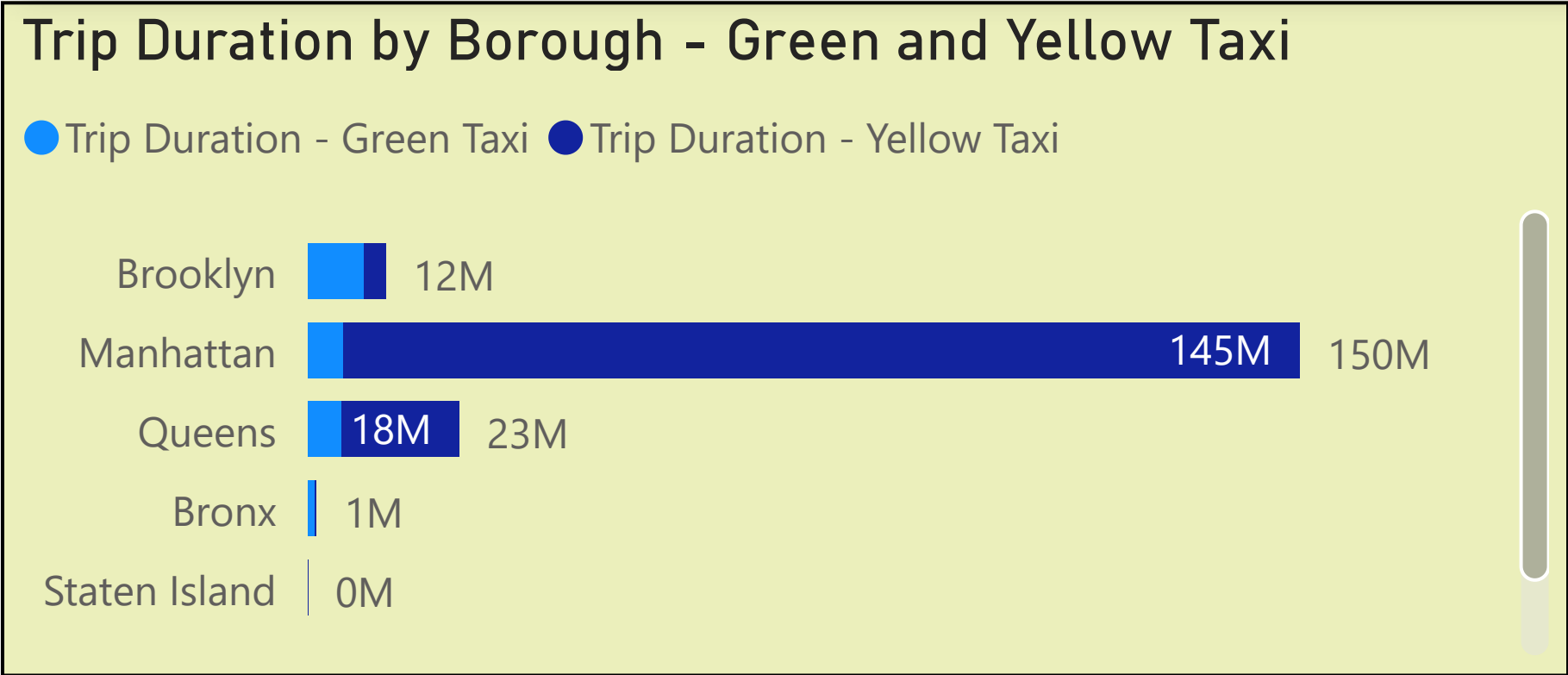
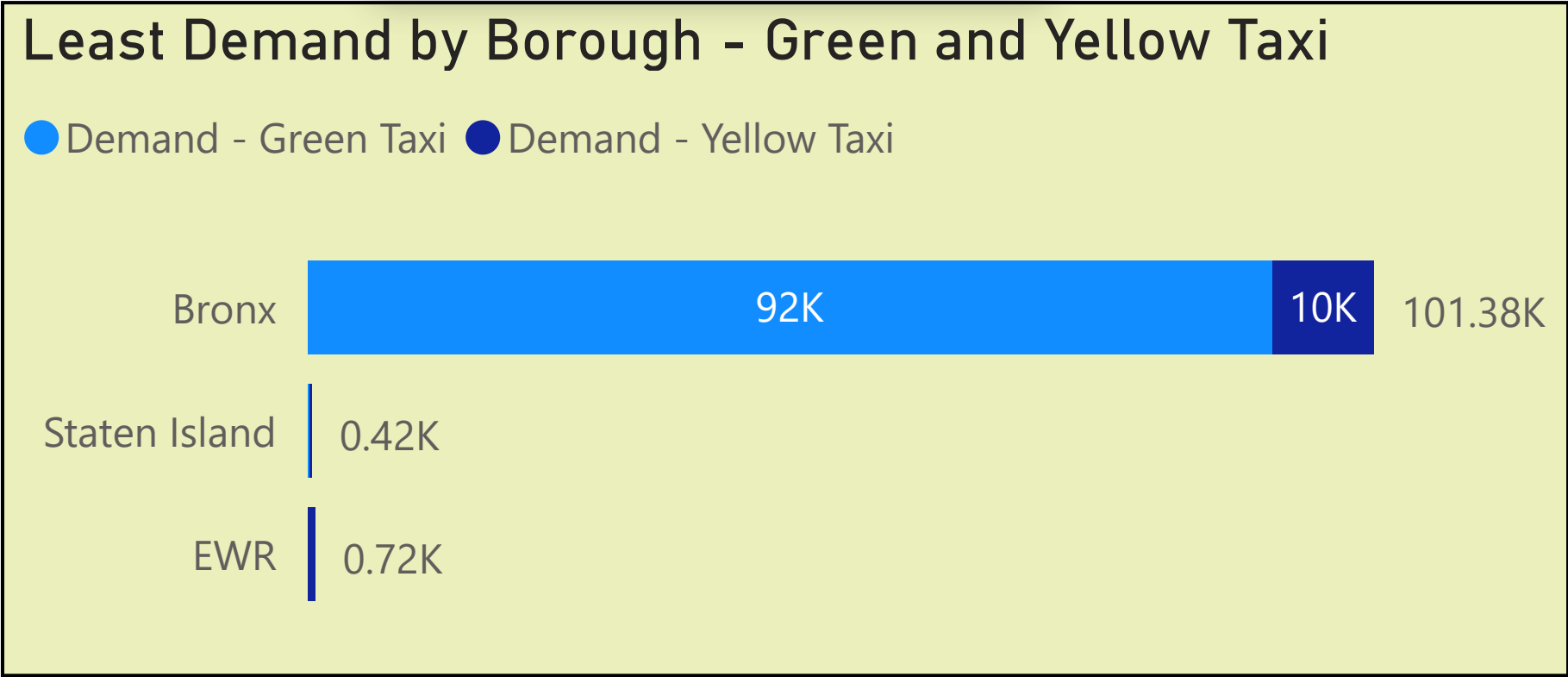
Manhattan



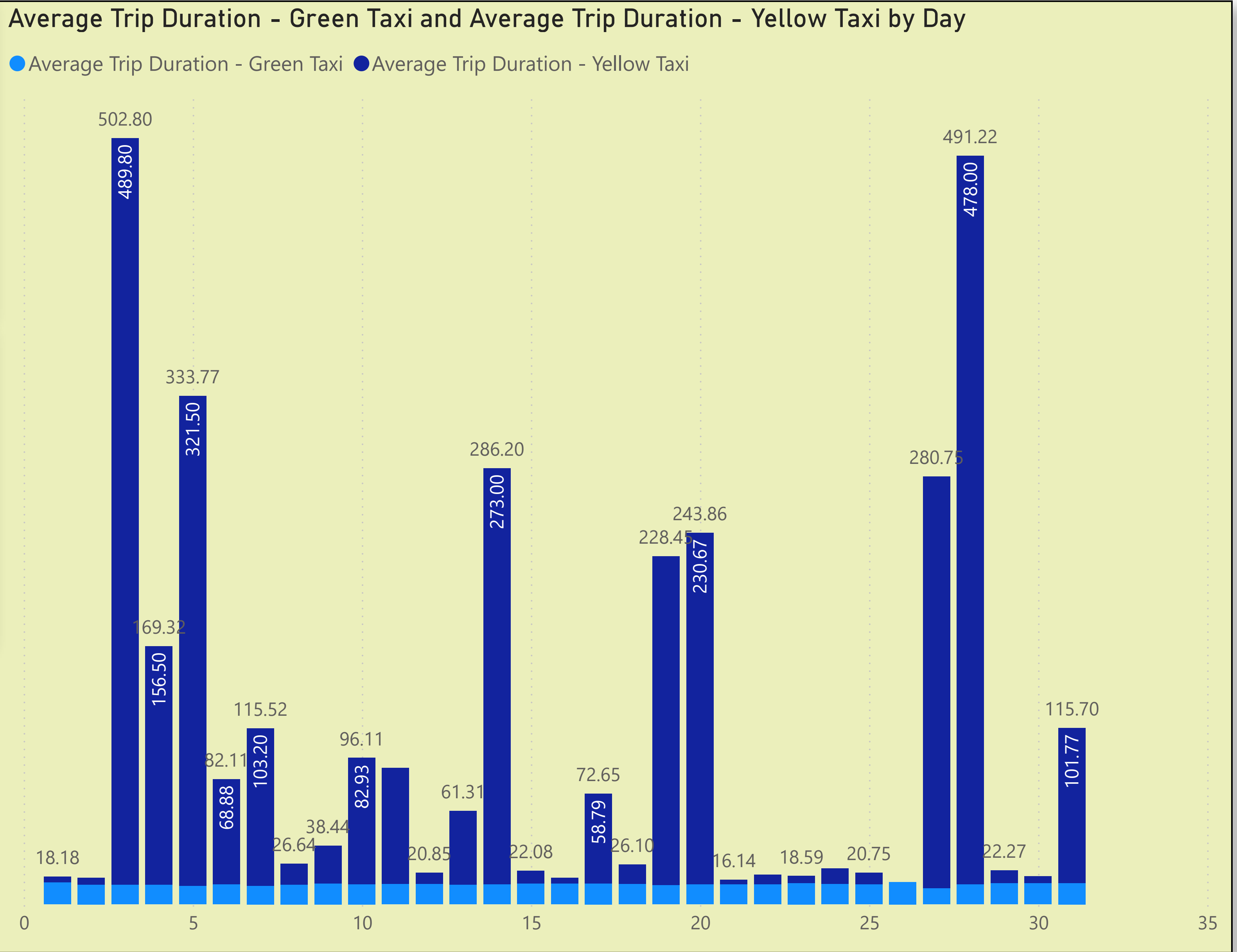
Note: Table "FHV Tripdata 2015 Jan" is incomplete. Calculation of destination, hire time, and fare has not been performed.

Month/Day

All



NYC Taxi Travel Information



NYC Weather Information

Day of Week

All

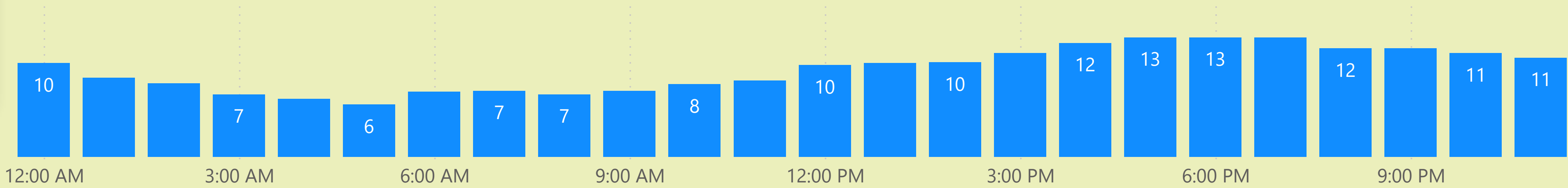
Maximum Temperature (Jan)

9.00

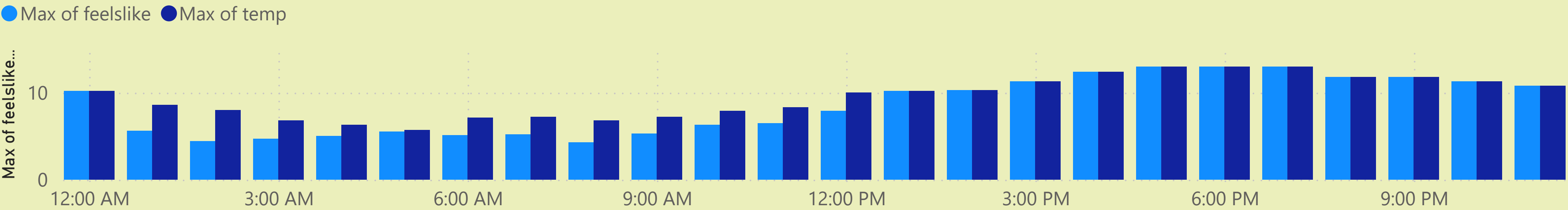
Minimum Temperature (Jan)

-9.90

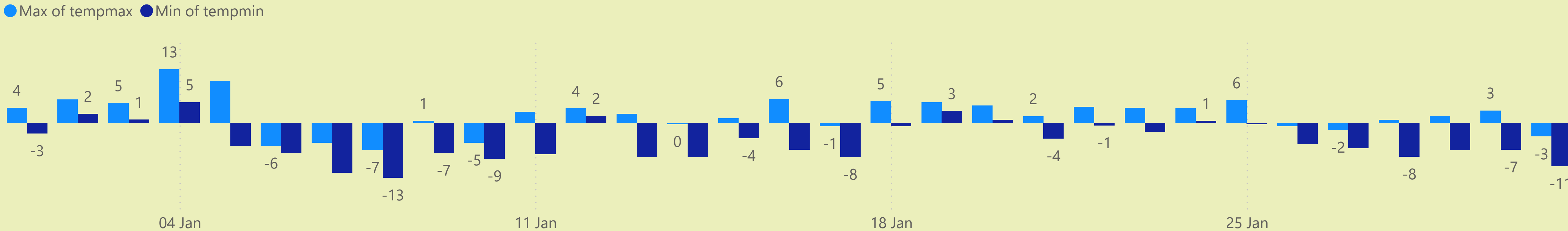
Warmest hours of the day (January)



Feels like and Actual temperature during different hours of the day

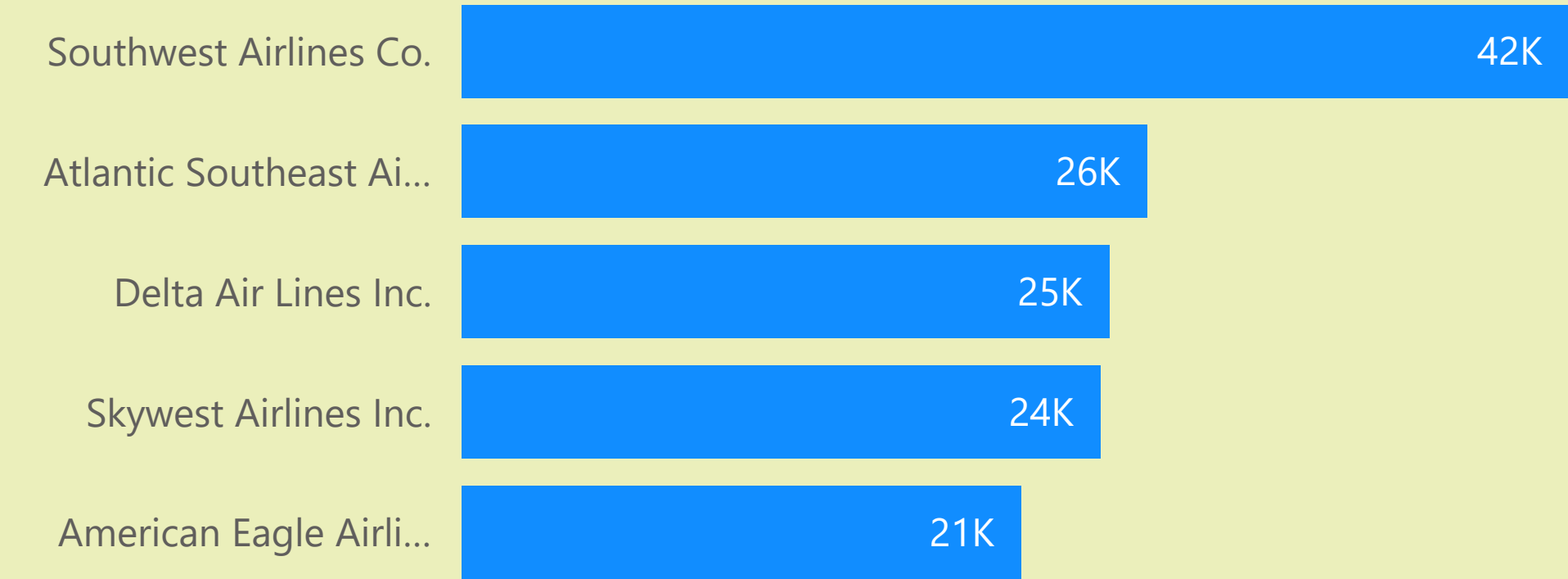


Minimum and Maximum temperature change (January)

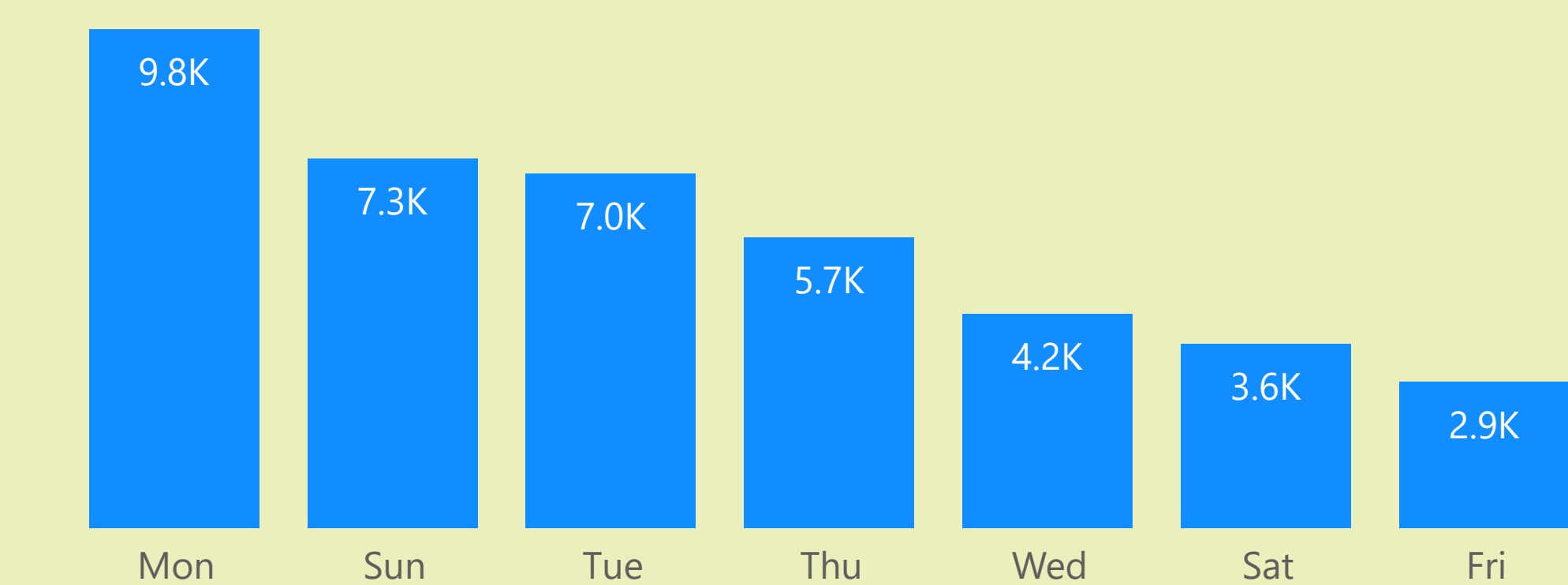


NYC Flights Information

Top 5 Airlines Delay



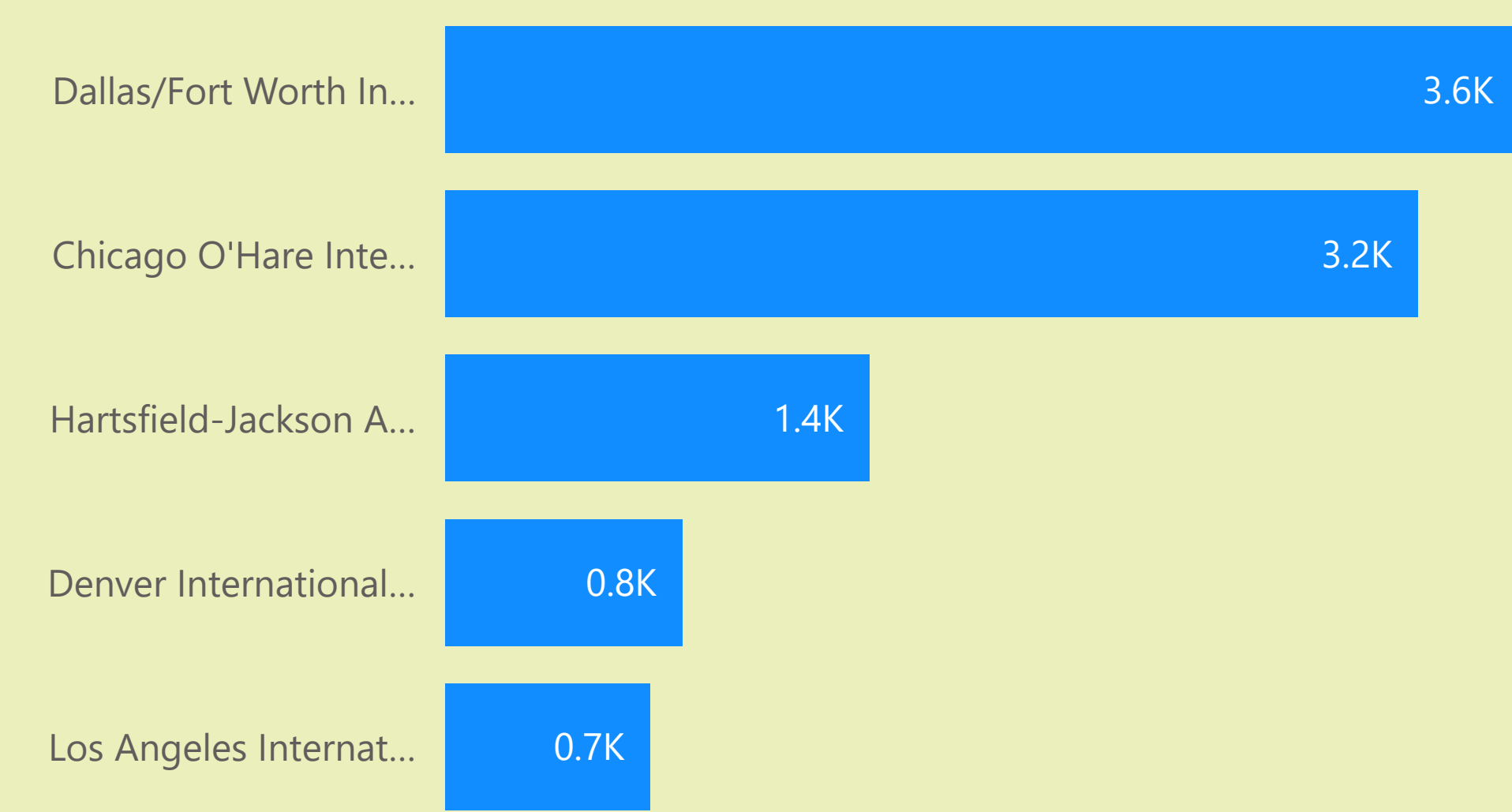
Flight Cancellation by Day



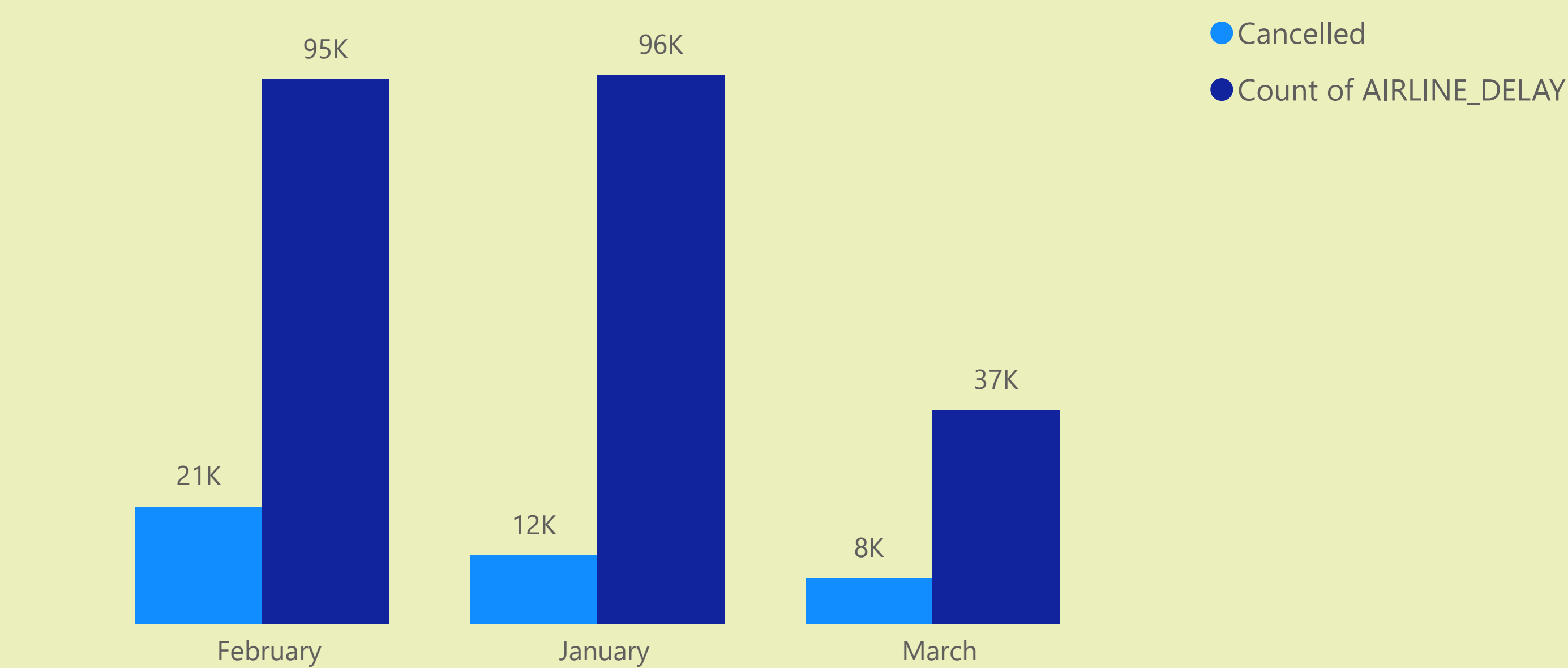
Cancelled Reasons

Reason	Count
A	6974
B	28260
C	5291
D	2
Total	40527

Top 5 Airport prone to Cancelled



Delays and Cancellation (Month)



Data Anomaly Centre

Missing Values on DropLocationID of FHV Tripdata 2015 Jan DataSet

3197

NYC Taxi Travel Information

Maximum Fare
4.01K

Maximum Trip Distance
15.42M

Max Trip Durations (Minute)
549K

NYC Weather Information

Min. Temp
-16.50

Min. Feels Like
-27.10

Average Temperature
4.12

NYC Flights Information

Total Flight
1.049M

Min Distance
31

Min Arrival Delay
-82

Summary Statistics Centre

Fare Amount: Yellow Taxi

11.90	-450.00
Average	Minimum
4,008.00	10.21
Maximum	Standard deviation

Temperature Daily - NYC

-11.70	31.10
Min	Max
13.57	10.34
Average	Standard deviation

Flights Information

1005	0
Max Arrival Delay	Min Arrival Delay
14669	996
Total Cancelled	Max Dep Delay
-32	
Min Dep Delay	

Airlines

Frontier Airlines Inc. ▾

Temperature By Conditions - Daily

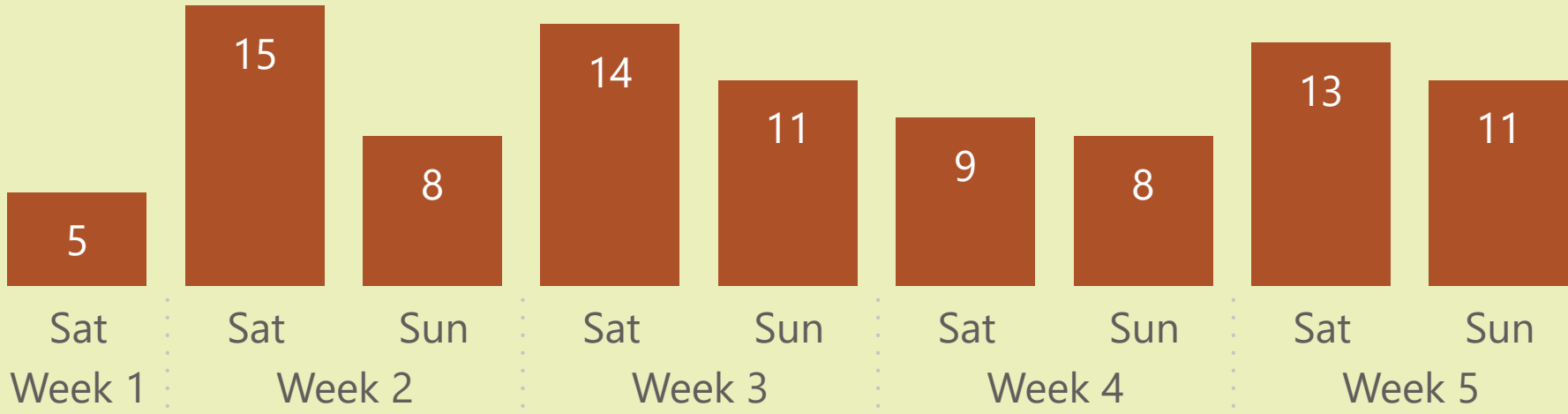
Conditions ▲	Min	Max	Average
Clear	-11.70	29.90	14.08
Overcast	1.30	20.30	10.00
Partially cloudy	-10.90	31.10	14.25
Rain, Overcast	4.60	23.30	12.10
Rain, Partially cloudy	3.80	27.90	18.30
Snow, Overcast	-3.60	-2.90	-3.25
Snow, Partially cloudy	-9.20	-0.60	-4.63
Snow, Rain, Overcast	-2.90	4.60	0.43
Snow, Rain, Partially cloudy	-5.00	4.60	0.36

Trip Duration (Mins) - Borough : Yellow Taxi

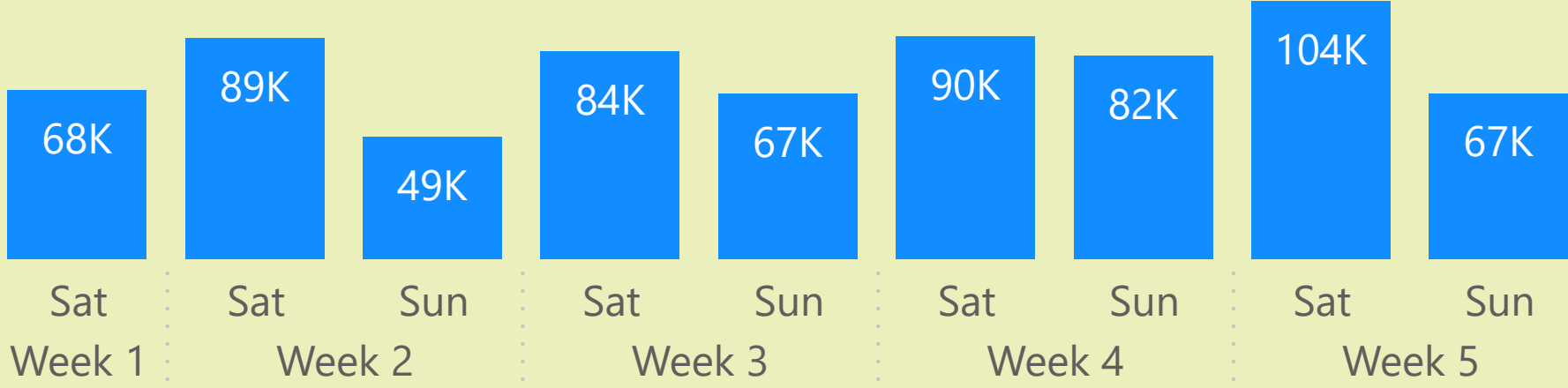
Borough	Trips ▼	Average	Max	Min
Manhattan	144975103	12.48	45108	-1211
Queens	17815127	27.97	23800	-234
Brooklyn	3300809	14.35	10092	0
Bronx	156336	16.18	30593	0
Staten Island	3414	17.78	145	0
EWB	1650	2.39	61	0

Comparison Centre

Yellow Taxi demands in weekends (Jan)



FHV demands in weekends (Jan)



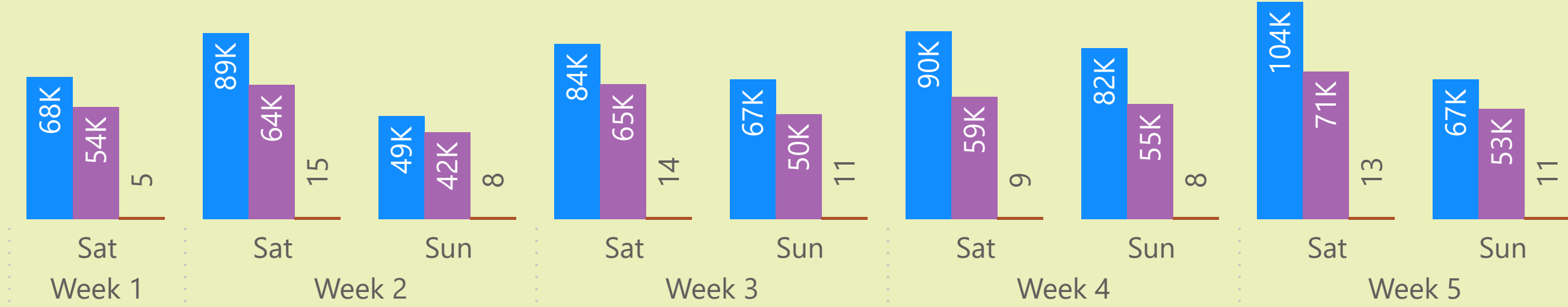
Borough/Zone

All

Taxi Demands In weekends (Jan)

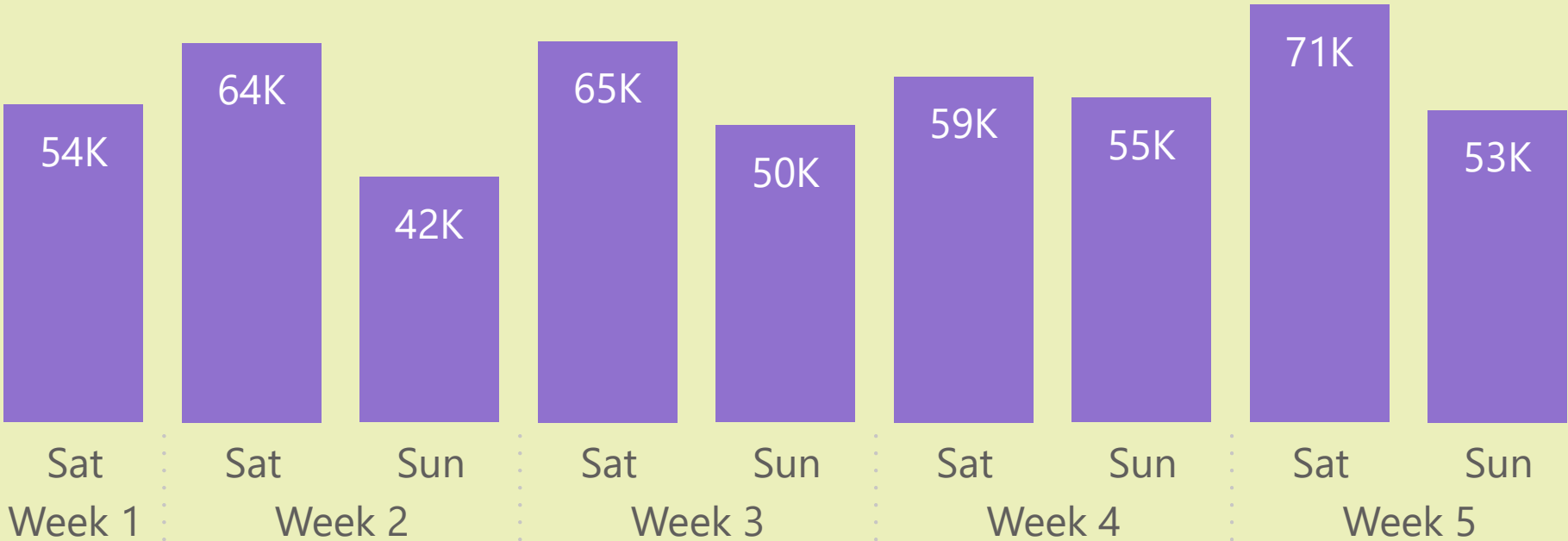
Week	Day of Week	Yellow Taxi	Green Taxi	FHV
Week 1	Sat	5	53864	68237
Week 2	Sat	15	64340	89157
Week 2	Sun	8	41602	49314
Week 3	Sat	14	64628	83962
Week 3	Sun	11	50359	66888
Week 4	Sat	9	58631	90086
Week 4	Sun	8	55068	82035
Week 5	Sat	13	70797	104253
Week 5	Sun	11	52950	66980
Total		94	512239	700912

Yellow Taxi demands in weekends (Jan)



FHV Green Taxi Yellow Taxi

Green Taxi demands in weekends (Jan)



Analytics Dashboard

Airlines

American Eagle Airlines Inc.

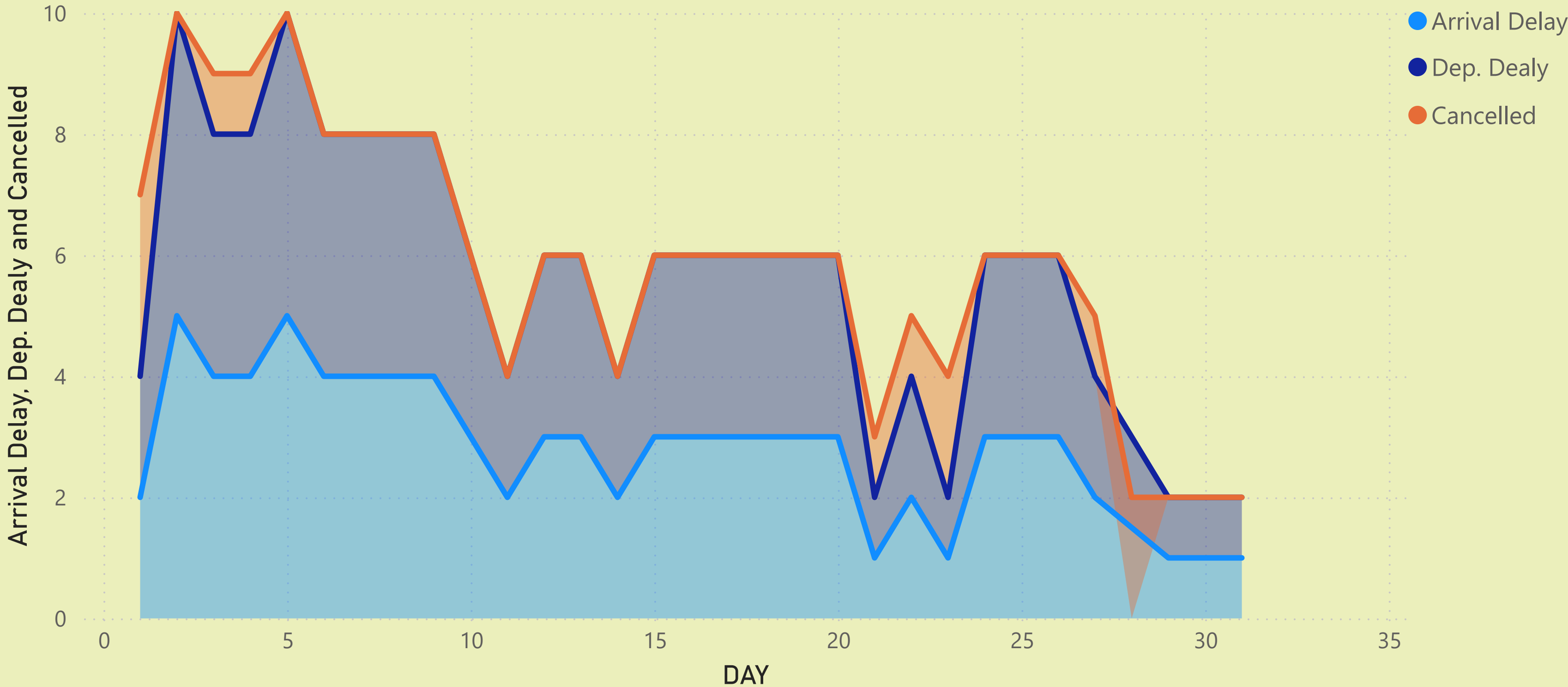


Airport

Abraham Lincoln Capital Airport



Flight Delays and Cancellation by day



Flight Delays and Cancellation by day

DAY	Cancelled	Arrival Delay	Dep. Delay
1	3	2	2
2	0	5	5
3	1	4	4
4	1	4	4
5	0	5	5
6	0	4	4
7	0	4	4
8	0	4	4
9	0	4	4
10	0	3	3
11	0	2	2
12	0	3	3
13	0	3	3
14	0	2	2
15	0	3	3
16	0	3	3
17	0	3	3
18	0	3	3
19	0	3	3
20	0	3	3
21	1	1	1
22	1	2	2
23	2	1	1
24	0	3	3
Total	12	85	85

Hypothesis Centre

Month and Day of Week

All

Airlines

All

Weather Conditions

Clear

AIRLINE	Distance	Weather Conditions	Delay	Cancelled
Virgin America	3113900	Clear	2175	11
US Airways Inc.	14284162	Clear	16001	336
United Air Lines Inc.	23552509	Clear	18620	264
Spirit Air Lines	4275541	Clear	4303	66
Southwest Airlines Co.	34386530	Clear	47447	1023
Skywest Airlines Inc.	10945299	Clear	22765	532
JetBlue Airways	10958083	Clear	10409	334
Hawaiian Airlines Inc.	1905216	Clear	3119	3
Frontier Airlines Inc.	2964574	Clear	3093	26
Delta Air Lines Inc.	26397629	Clear	30778	735
Atlantic Southeast Airlines	10676254	Clear	23148	992
American Eagle Airlines Inc.	6006593	Clear	13915	1740
American Airlines Inc.	22769550	Clear	21066	972
Alaska Airlines Inc.	7636684	Clear	6436	51
Total	179872524		223275	7085

Airport	Distance	Weather Conditions	Delay	Cancelled
Aberdeen Regional Airport	7710	Clear	30	0
Abilene Regional Airport	17696	Clear	112	18
Abraham Lincoln Capital Airport	21060	Clear	66	8
Adak Airport	2384	Clear	2	0
Akron-Canton Regional Airport	157433	Clear	267	8
Albany International Airport	214445	Clear	287	7
Albert J. Ellis Airport	19551	Clear	49	6
Albuquerque International Sunport	496108	Clear	735	35
Alexandria International Airport	44165	Clear	130	11
Alpena County Regional Airport	5148	Clear	26	2
Appleton International Airport	31744	Clear	105	5
Arcata Airport	17250	Clear	69	0
Arnold Palmer Regional Airport	40866	Clear	46	1
Asheville Regional Airport	22815	Clear	98	1
Aspen-Pitkin County Airport	217733	Clear	322	23
Atlantic City International Airport	146490	Clear	165	3
Augusta Regional Airport (Bush Field)	13442	Clear	94	4
Austin-Bergstrom International Airport	1312823	Clear	1592	45
Baltimore-Washington International Airport	2456174	Clear	3313	66
Total	179872524		223275	7085

My Story

Total Flight by day and Weather Conditions

Day of Week	Weather Conditions	Flights
Fri	Clear	6.26%
Fri	Partially cloudy	6.23%
Fri	Snow, Partially cloudy	1.53%
Fri	Snow, Rain, Partially cloudy	1.53%
Mon	Partially cloudy	6.26%
Mon	Rain, Partially cloudy	3.12%
Mon	Snow, Overcast	3.03%
Mon	Snow, Rain, Overcast	3.04%
Sat	Clear	4.70%
Total		100.00%

Taxi and Flights by Day

Day of Week	FHV	Yellow Taxi	Green Taxi	Total Flights
Sat	505870	56	312260	64165
Fri	482272	37	274725	80955
Thu	473290	27	252921	78022
Wed	362676	16	177978	62141
Sun	318365	38	199979	59681
Tue	290694	27	142195	60837
Mon	287619	9	148435	64167
Total	2720786	210	1508493	469968

Taxi Demand by Borough

Borough	FHV	Yellow Taxi	Green Taxi
Manhattan	1450055	171	430384
Brooklyn	296149	9	569897
Bronx	194813	1	91712
Queens	155119	24	412912
Staten Island	2287		223
EWB	44		33
Total	2098467	205	1505161

Taxi and Flights by Day

FHV Yellow Taxi Green Taxi Total Flights

