In 2020, total flight traffic decreased by 40,7% compared to 2019. However, operational performance significantly improved: the delay rate fell by 0,42 percentage points. The average delay per delayed flight dropped from 67,7 min in 2019 to 57,8 min in 2020.

Insight Overview

Airline

Tout ⌄

Airport

Tout ⌄

2019	**2020**	**Variation YoY**
626K Total Flights 2019	**371K** Total Flights 2020	**−40,66 %** Total Flights Var %
20,29 % Delaved Rate 2019	**11,72 %** Delaved Rate 2020	**−42,22 %** Delaved Rate Var %
67,70 Avg Delay 2019	**57,83** Avg Delay 2020	**−14,58 %** Avg Delay Var %
0,93 % Cancelled Rate 2019	**1,04 %** Cancelled Rate 2020	**11,99 %** Cancelled Rate Var %

Delay Share (%) by Year and Cause

Cause ● Carrier ● Late Aircraft ● NAS ● Security ● Weather

year				
2020	44,60%	24,35%	22,79%	7,98%
2019	31,28%	41,67%	22,39%	4,54%

Delay Share %
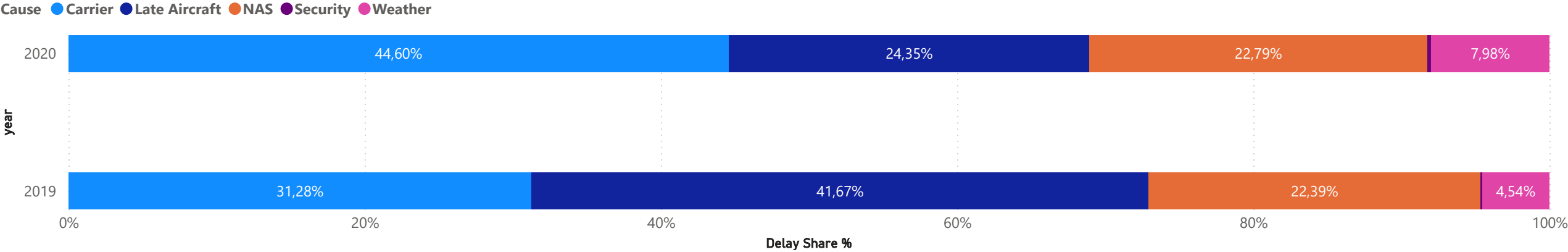
Total Delay Minutes by Cause (2019 vs 2020)

● 2019 ● 2020

Total Delay Minutes (millions)

Late Aircraft: 3,58M / 0,62M
Carrier: 2,68M / 1,14M
NAS: 1,92M / 0,58M
Weather: 0,39M / 0,20M
Security: 0,01M / 0,01M

Cause

Airline
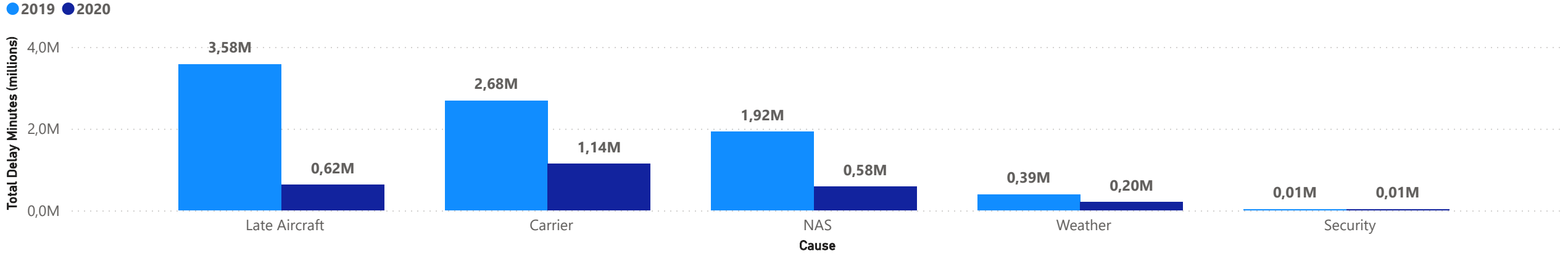
Tout ▾

Airport

Tout ▾

Cancelled Flights by Cause and Year

| year Cause	2019 Cancelled by Cause	Cancelled Share %	2020 Cancelled by Cause	Cancelled Share %	Total Cancelled by Cause	Cancelled Share %
Carrier	36474	6,30	17220	4,47	53694	5,57
Late Aircraft	48384	8,35	9021	2,34	57405	5,95
NAS	38616	6,67	15441	4,01	54057	5,61
Security	268	0,05	183	0,05	451	0,05
Weather	3140	0,54	1656	0,43	4796	0,50
Total						

In 2020, major U.S. airlines saw a 40,7% decrease in total flights. Despite the drop, operational performance improved significantly , the average delay rate fell by 42,2%, while the cancellation rate changed by 12,0%.

Insight Airlines

YoY Change in Delay Rate (%) — Airlines
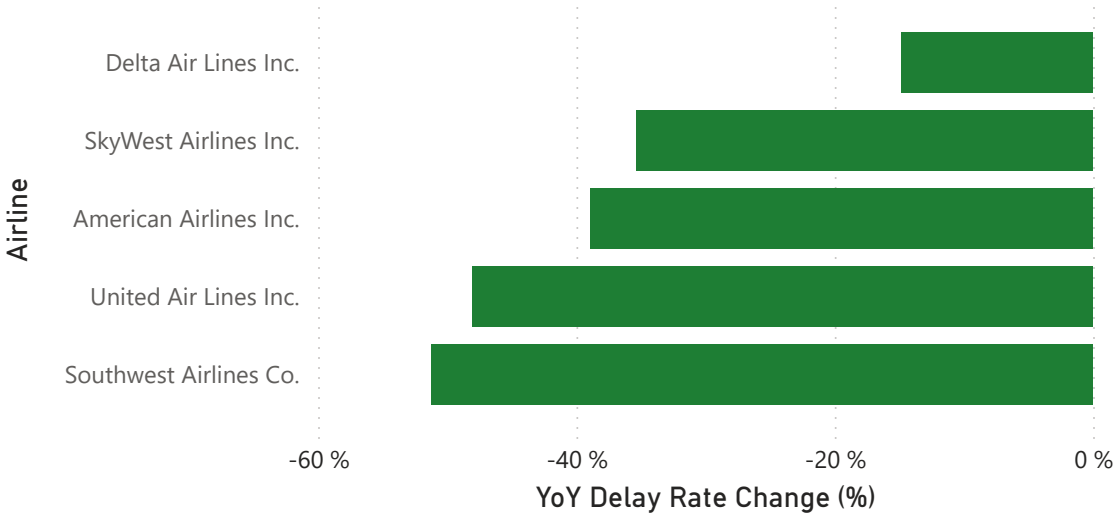
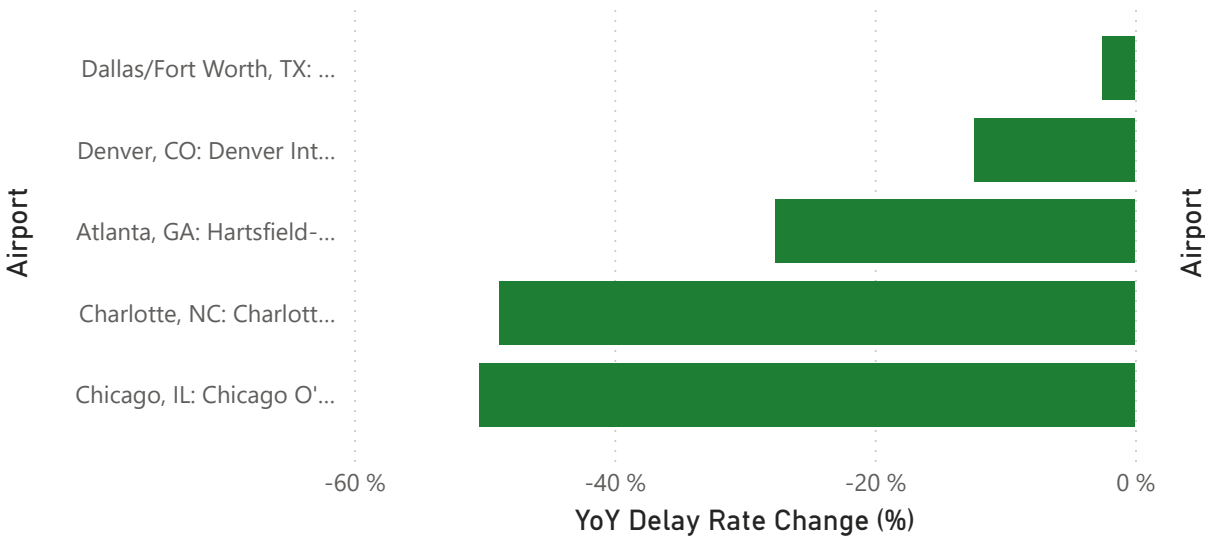## YoY Change in Cancellation Rate (%) — Airlines
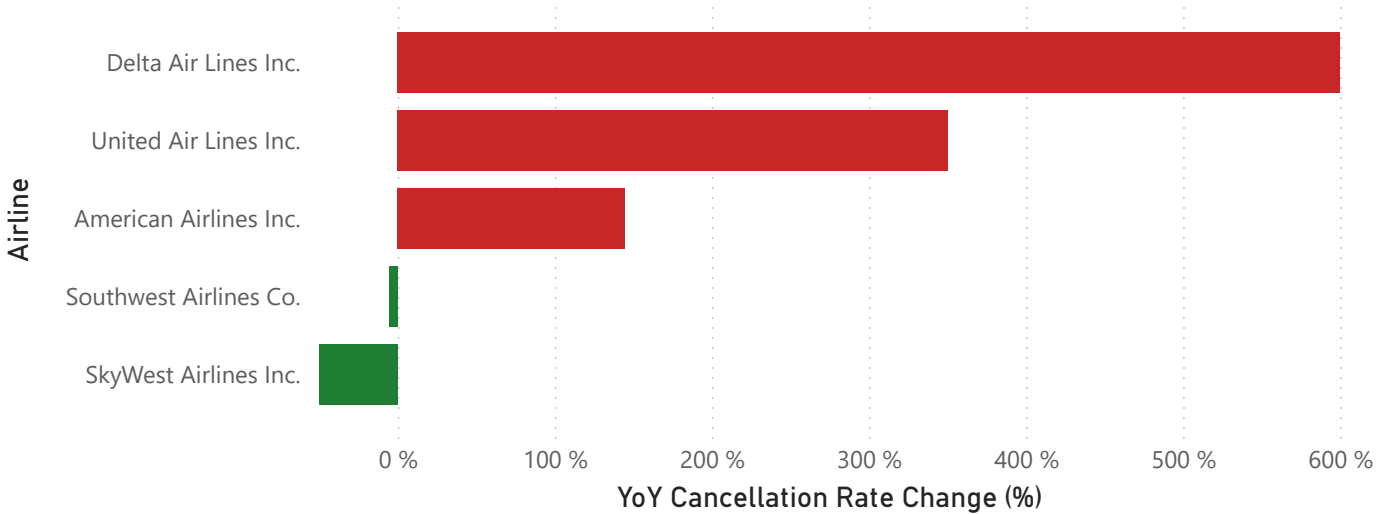
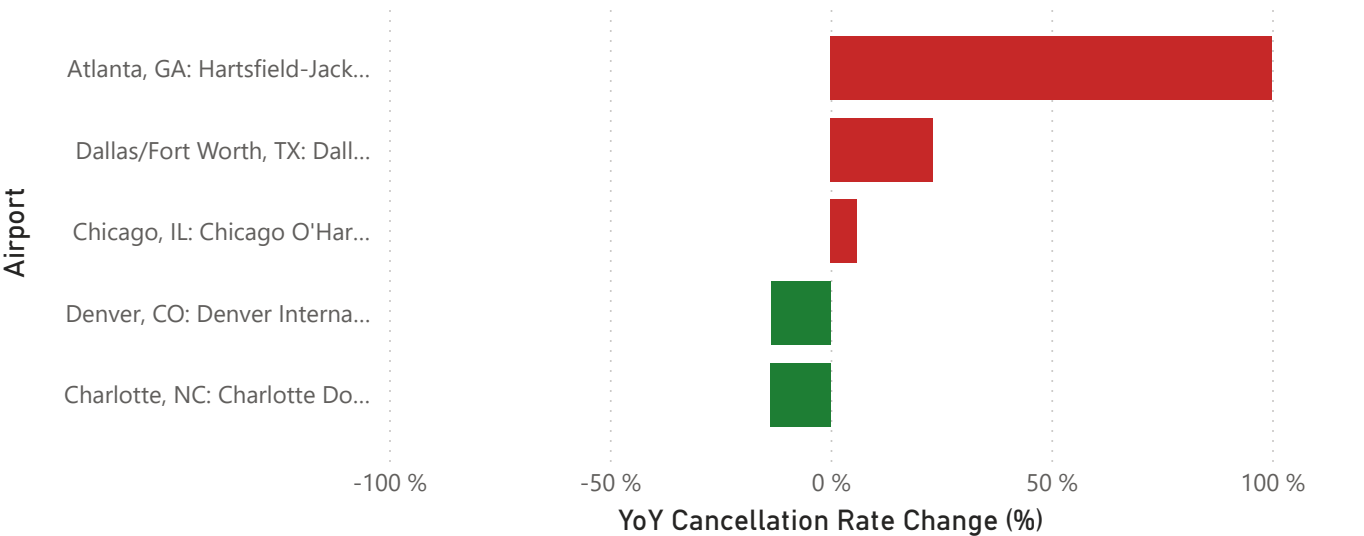| year	2019			2020			Total		
carrier_name	Total flights	Delayed Rate Var %	Cancelled Rate Var %	Total flights	Delayed Rate Var %	Cancelled Rate Var %	Total flights	Delayed Rate Var %	Cancelled Rate Var %
American Airlines Inc.	79405	-38,94 %	144,72 %	38496	-38,94 %	144,72 %	117901	-38,94 %	144,72 %
Delta Air Lines Inc.	81524	-14,84 %	3494,14 %	49378	-14,84 %	3494,14 %	130902	-14,84 %	3494,14 %
SkyWest Airlines Inc.	72004	-35,32 %	-53,64 %	54674	-35,32 %	-53,64 %	126678	-35,32 %	-53,64 %
Southwest Airlines Co.	114442	-51,18 %	-5,41 %	64342	-51,18 %	-5,41 %	178784	-51,18 %	-5,41 %
United Air Lines Inc.	51291	-48,04 %	350,35 %	25892	-48,04 %	350,35 %	77183	-48,04 %	350,35 %
Total	**398666**	**-38,97 %**	**26,53 %**	**232782**	**-38,97 %**	**26,53 %**	**631448**	**-38,97 %**	**26,53 %**

U.S. airports experienced a 40,7% decline in traffic in 2020 compared to 2019. Delay performance improved, with the average delay rate decreasing by 42,2%, but the cancellation rate increased by 12,0%, mainly driven by capacity adjustments at major hubs.

Insight Airports

YoY Change in Delay Rate (%) — Airports

(Airport, YoY Delay Rate Change (%))
- Dallas/Fort Worth, TX: ...
- Denver, CO: Denver Int...
- Atlanta, GA: Hartsfield-...
- Charlotte, NC: Charlott...
- Chicago, IL: Chicago O'...

YoY Change in Cancellation Rate (%) — Airports

(Airport, YoY Cancellation Rate Change (%))
- Atlanta, GA: Hartsfield-Jack...
- Dallas/Fort Worth, TX: Dall...
- Chicago, IL: Chicago O'Har...
- Denver, CO: Denver Interna...
- Charlotte, NC: Charlotte Do...

year	2019			2020			Total		
airport_name	Total flights	Delayed Rate Var %	Cancelled Rate Var %	Total flights	Delayed Rate Var %	Cancelled Rate Var %	Total flights	Delayed Rate Var %	Cancelled Rate Var %
Atlanta, GA: Hartsfield-Jackson Atlanta International	32314	-27,59 %	187,55 %	23124	-27,59 %	187,55 %	55438	-27,59 %	187,55 %
Charlotte, NC: Charlotte Douglas International	19722	-48,79 %	-13,77 %	13594	-48,79 %	-13,77 %	33316	-48,79 %	-13,77 %
Chicago, IL: Chicago O'Hare International	27395	-50,33 %	6,05 %	12621	-50,33 %	6,05 %	40016	-50,33 %	6,05 %
Dallas/Fort Worth, TX: Dallas/Fort Worth International	25505	-2,52 %	23,24 %	19751	-2,52 %	23,24 %	45256	-2,52 %	23,24 %
Denver, CO: Denver International	21332	-12,36 %	-13,51 %	18173	-12,36 %	-13,51 %	39505	-12,36 %	-13,51 %
Total	126268	-25,80 %	10,59 %	87263	-25,80 %	10,59 %	213531	-25,80 %	10,59 %