ICAO UNITING AVIATION

Effects of Novel Coronavirus (COVID-19) on Civil Aviation: Economic Impact Analysis



Montréal, Canada
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Economic Development – Air Transport Bureau

Contents

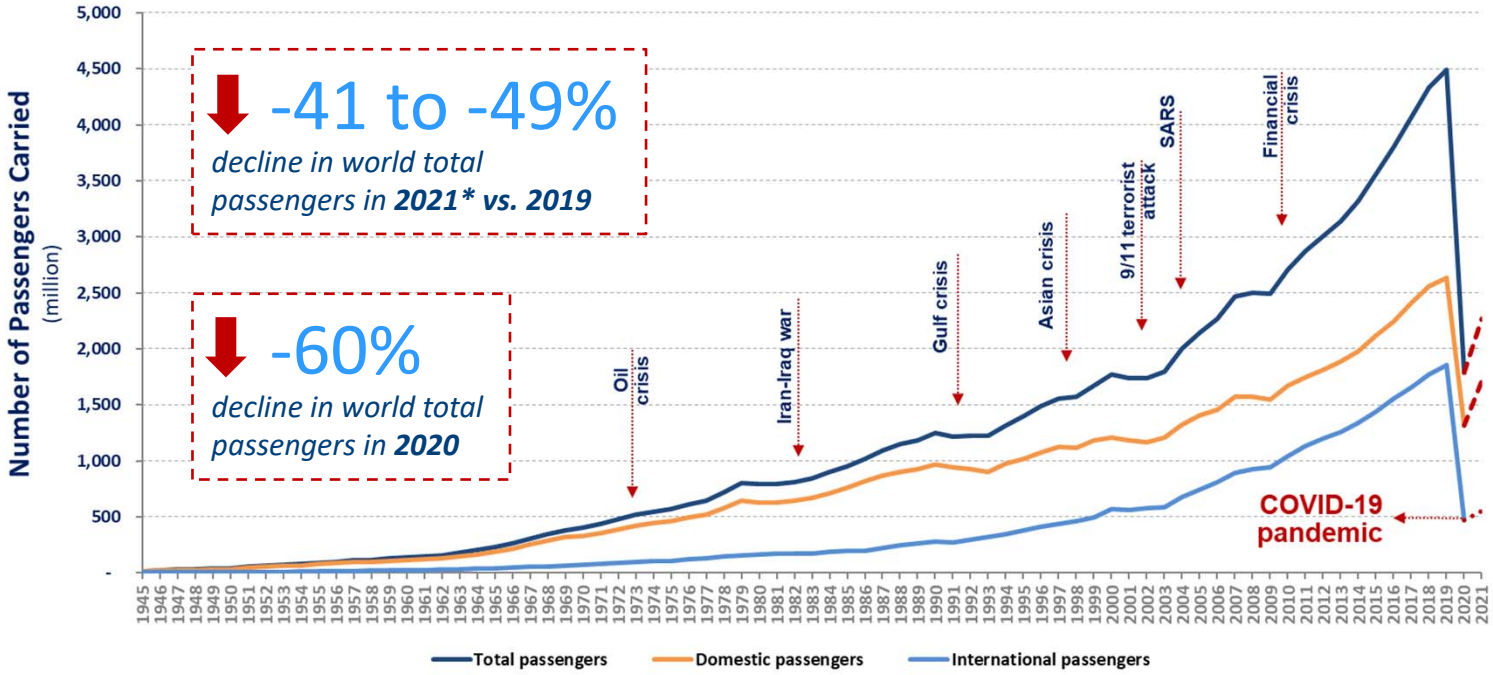
- **Executive Summary: Economic Impact in Brief**
- **Scenario Building**
  - Analytical consideration
  - Shapes of Economic Recession and Recovery
  - Indicative Scenarios and Paths Forward
- **Estimated 2020 Results and 2021 Outlook: Global**
- **Estimated 2020 Results and 2021 Outlook: Regional Breakdown**
  - Africa
  - Asia/Pacific
  - Europe
  - Latin America/Caribbean
  - Middle East
  - North America
- **Appendix**
  A. Overview of Early Impact
  B. Scenario Assumptions in Detail
  C. Estimated Results at Route Group Level
  D. Summary of Analysis by Other Organizations

Executive Summary: Economic Impact in Brief

2021 figures and estimates herein are **subject to substantial changes**, and will be updated with the situation evolving and more information available.

World passenger traffic collapses with unprecedented decline in history

World passenger traffic evolution 1945 – 2021*



Source: ICAO Air Transport Reporting Form A and A-S plus ICAO estimates.

Year 2020 results and 2021 outlook: World total passenger traffic

The COVID-19 impact on world scheduled passenger traffic for year 2020 (estimated actual results), compared to 2019 levels:

- Overall reduction of **50% of seats offered by airlines**
- Overall reduction of **2,699 million passengers (-60%)**
- Approx. **USD 371 billion loss** of gross passenger operating revenues of airlines

The COVID-19 impact on world scheduled passenger traffic for year 2021 (preliminary estimates), compared to 2019 levels:

- Overall reduction of **33% to 39% of seats offered by airlines**
- Overall reduction of **1,848 to 2,197 million passengers (-41% to -49%)**
- Approx. **USD 278 to 327 billion loss** of gross passenger operating revenues of airlines

Year 2020 results and 2021 outlook: International and domestic passenger traffic

International passenger traffic (2020, vs. 2019)

- Overall reduction of **66% of seats offered by airlines**
- Overall reduction of **1,376 million passengers (-74%)**
- Approx. **USD 250 billion loss** of gross operating revenues of airlines

Domestic passenger traffic (2020, vs. 2019)

- Overall reduction of **38% of seats offered by airlines**
- Overall reduction of **1,323 million passengers (-50%)**
- Approx. **USD 120 billion loss** of gross operating revenues of airlines

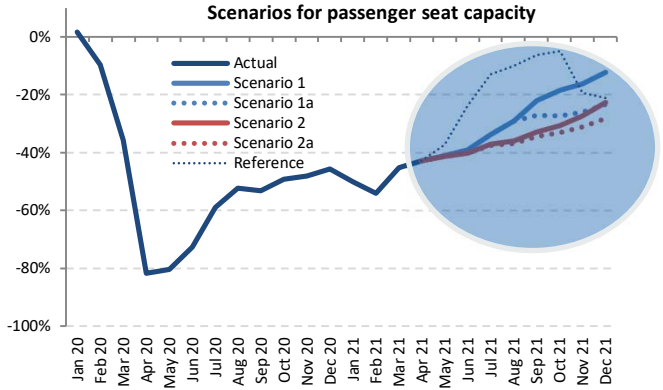
International passenger traffic (2021, vs. 2019)

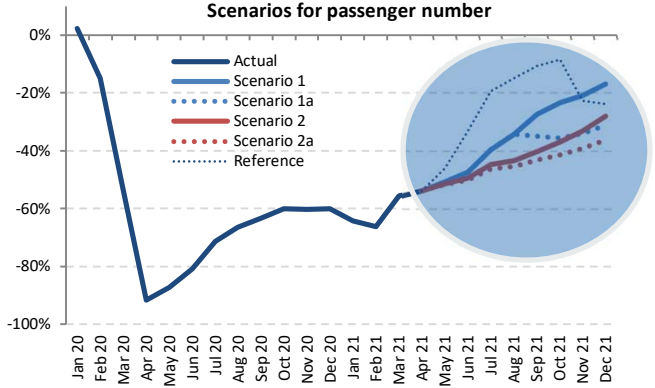
- Overall reduction of **58% to 68% of seats offered by airlines**
- Overall reduction of **1,239 to 1,446 million passengers (-67% to -78%)**
- Approx. **USD 223 to 259 billion loss** of gross operating revenues of airlines

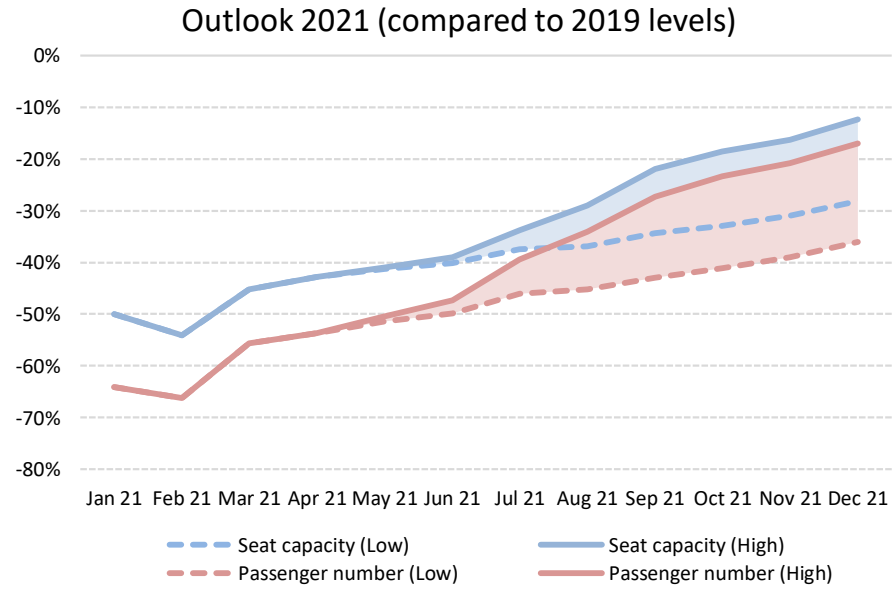
Domestic passenger traffic (2021, vs. 2019)

- Overall reduction of **16% to 19% of seats offered by airlines**
- Overall reduction of **608 to 750 million passengers (-23% to -29%)**
- Approx. **USD 55 to 68 billion loss** of gross operating revenues of airlines

Year 2021 outlook:
Due to uncertainty, consider 4 different paths



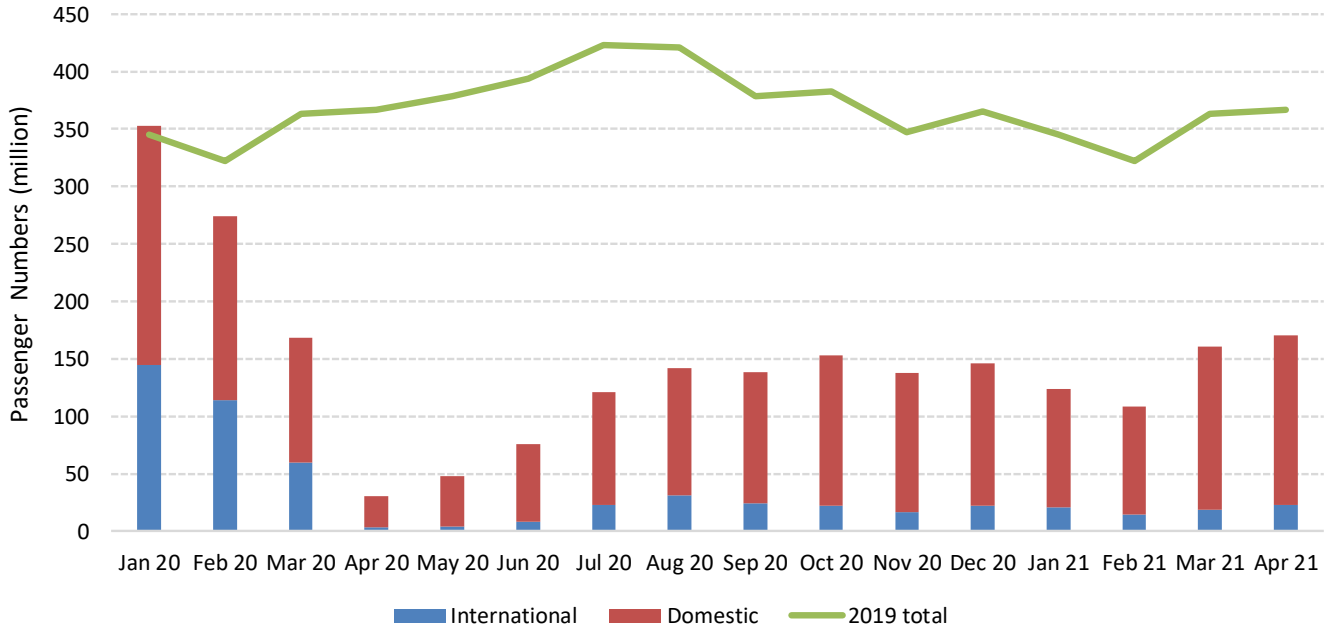




The actual impacts will depend on duration and magnitude of the outbreak and containment measures, the degree of consumer confidence for air travel, and economic conditions, etc.

Moderate recovery in domestic travel while international travel remained stagnant

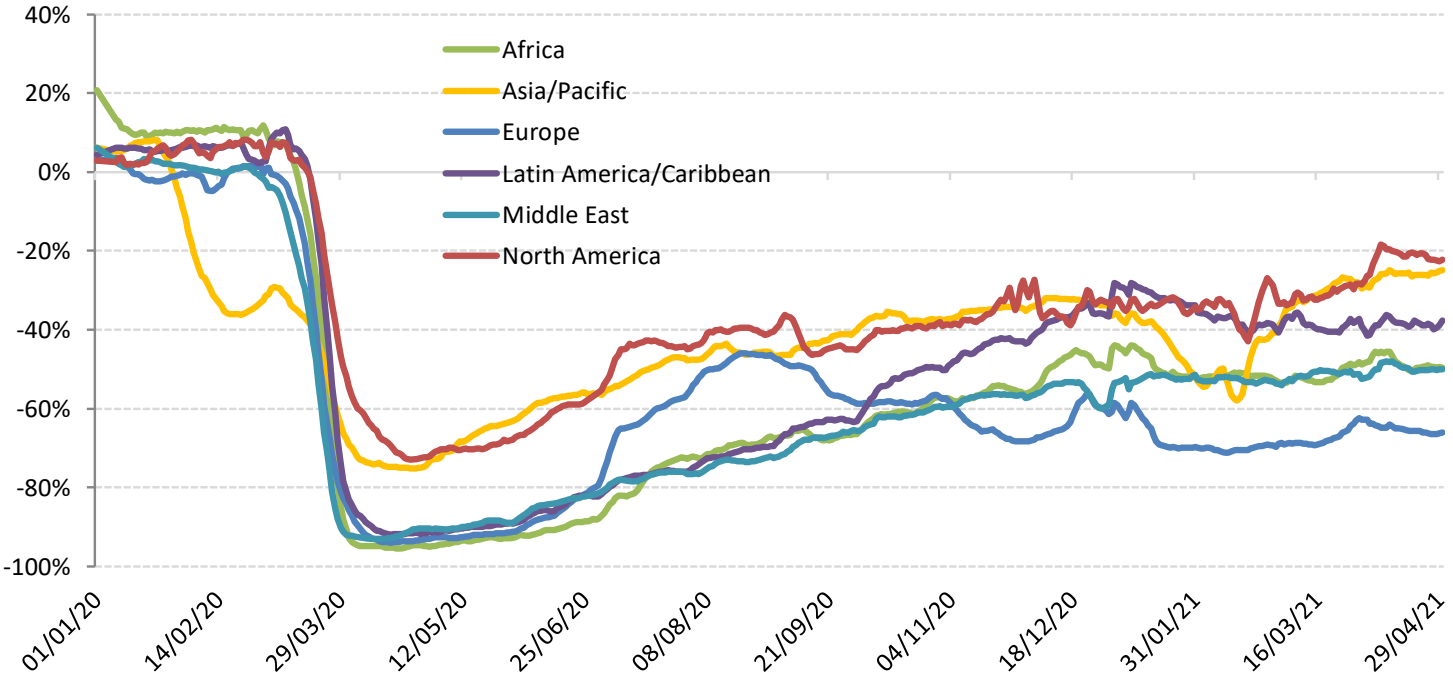
Monthly passenger numbers in 2020-21 vs. 2019



Source: ICAO estimates

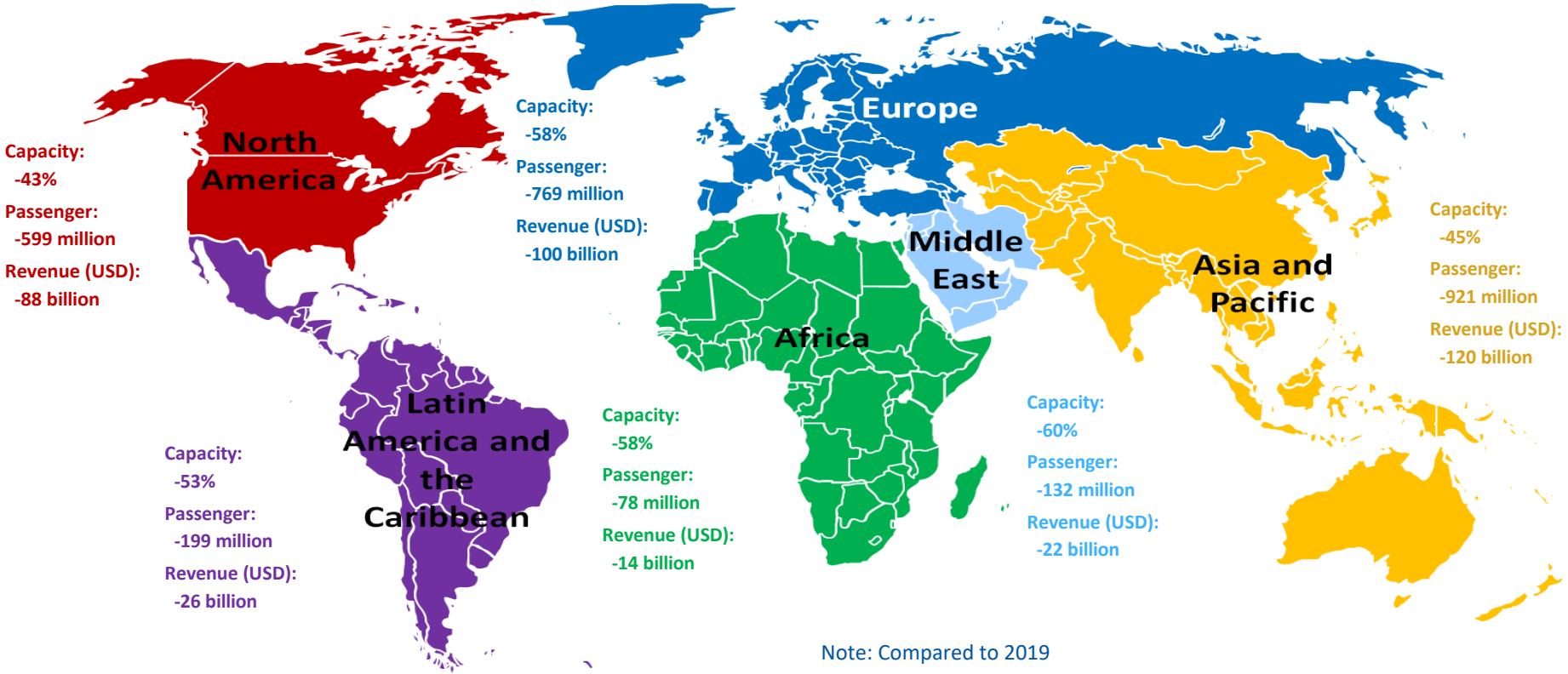
Regional difference in resilience and speed of recovery

Comparison of total seat capacity by region (7-day average, YoY compared to 2019)



Source: ICAO ADS-B

Estimated impact on passenger traffic and revenues by region for 2020



Note: Compared to 2019

Source: ICAO estimates

Global impact of COVID-19 on aviation, tourism, trade and economy in 2020

- **Air passenger traffic:** An overall reduction of air passengers (both international and domestic) ranging from 60% in 2020 compared to 2019 (by **ICAO**)
- **Airports**: An estimated loss of approximately 64.6% of passenger traffic and 66.3% or over USD 125 billion airport revenues in 2020 compared to business as usual (by **ACI**)
- **Airlines**: A 65.9% decline of revenue passenger kilometres (RPKs, both international and domestic) in 2020 compared to 2019 (by **IATA**)
- **Tourism**: A decline in international tourism receipts of USD 1.3 trillion in 2020, compared to the USD 1.5 trillion generated in 2019 (by **UNWTO**)
- **Trade**: A fall of global merchandise trade volume by 5.3% in 2020 compared to 2019 (by **WTO**)
- **Global economy**: An estimated -3.3% to -4.3% contraction in world GDP in 2020, far worse than during the 2008–09 financial crisis (by **IMF and World Bank**)

Scenario Building

Scope of analysis

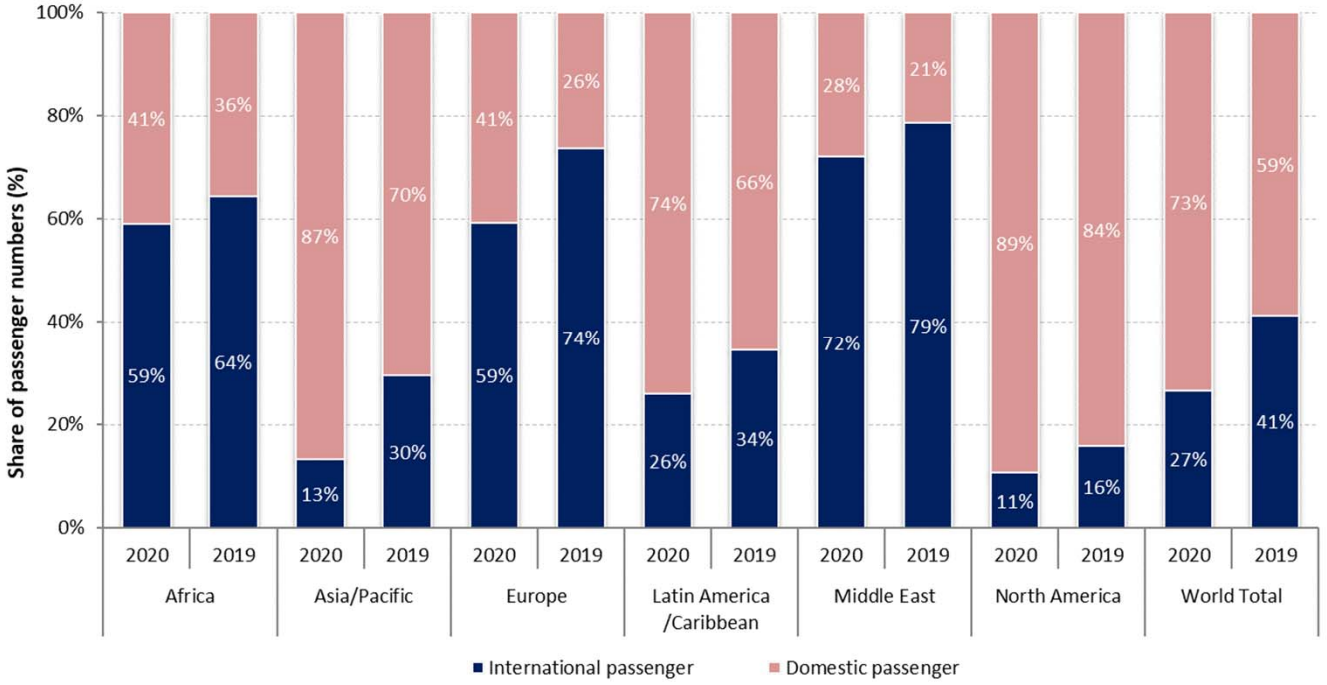
- Analysis focuses on simultaneous supply shock and drop in demand
  - in a near-term, i.e. monthly profile **from January 2020 to December 2021**
  - in terms of scheduled **passenger traffic** globally
- Taking into account the heterogeneity, distinction is made:
  - between international and domestic
  - by month (seasonality)
  - by six (6) geographical region and/or 50 route groups used in ICAO's long-term traffic forecasts (LTF)
- Analysis is based on forward-looking scenarios, which will be continuously adjusted and updated

Analytical Consideration

- Geographical disparity of international-domestic passenger traffic mix
- Difference in market size among regions
- Potential difference in resilience and speed of recovery
- Outbreak timing that impacts when traffic would bottom out
- Gap between what is scheduled and actual operations

International share of passenger traffic decreased in all regions in 2020 vs. 2019

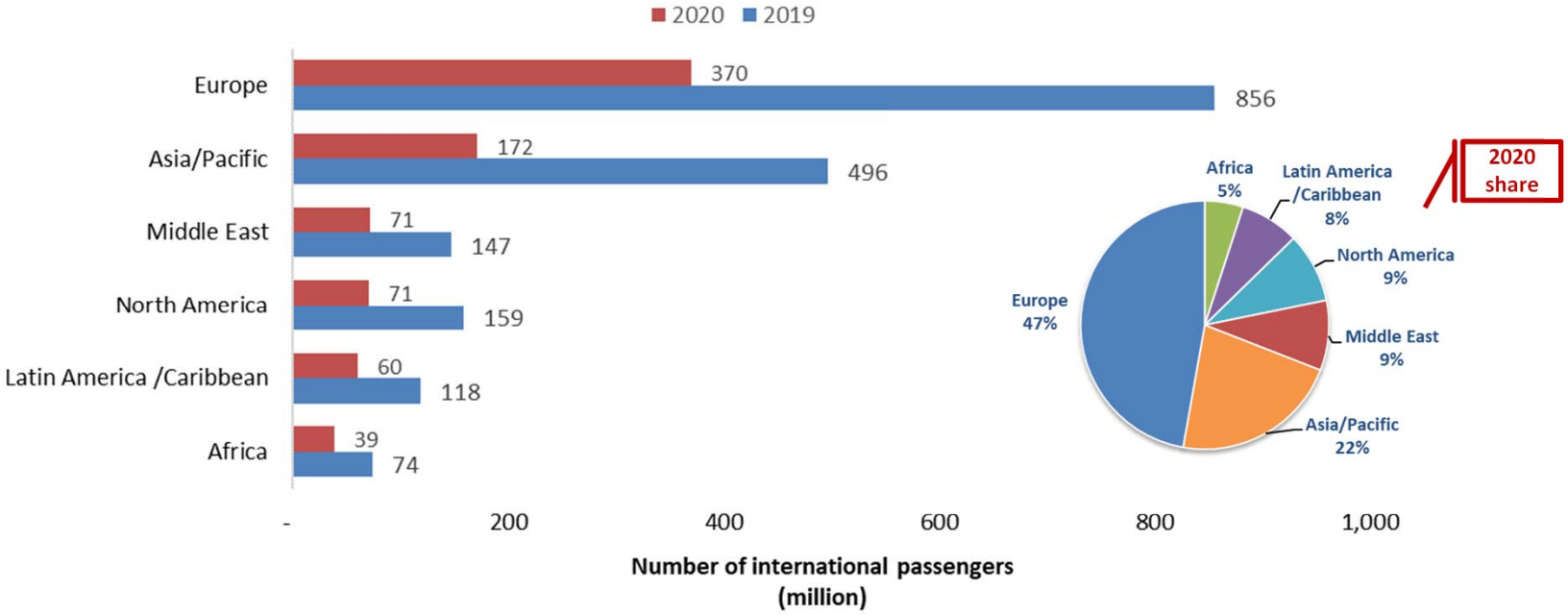
Share of international-domestic passenger traffic by region (2020 vs. 2019, based on from/to State)



Source: ICAO long-term traffic forecasts, ADS-B and estimates

Europe and Asia/Pacific accounted for around 70% of the world international traffic in 2020

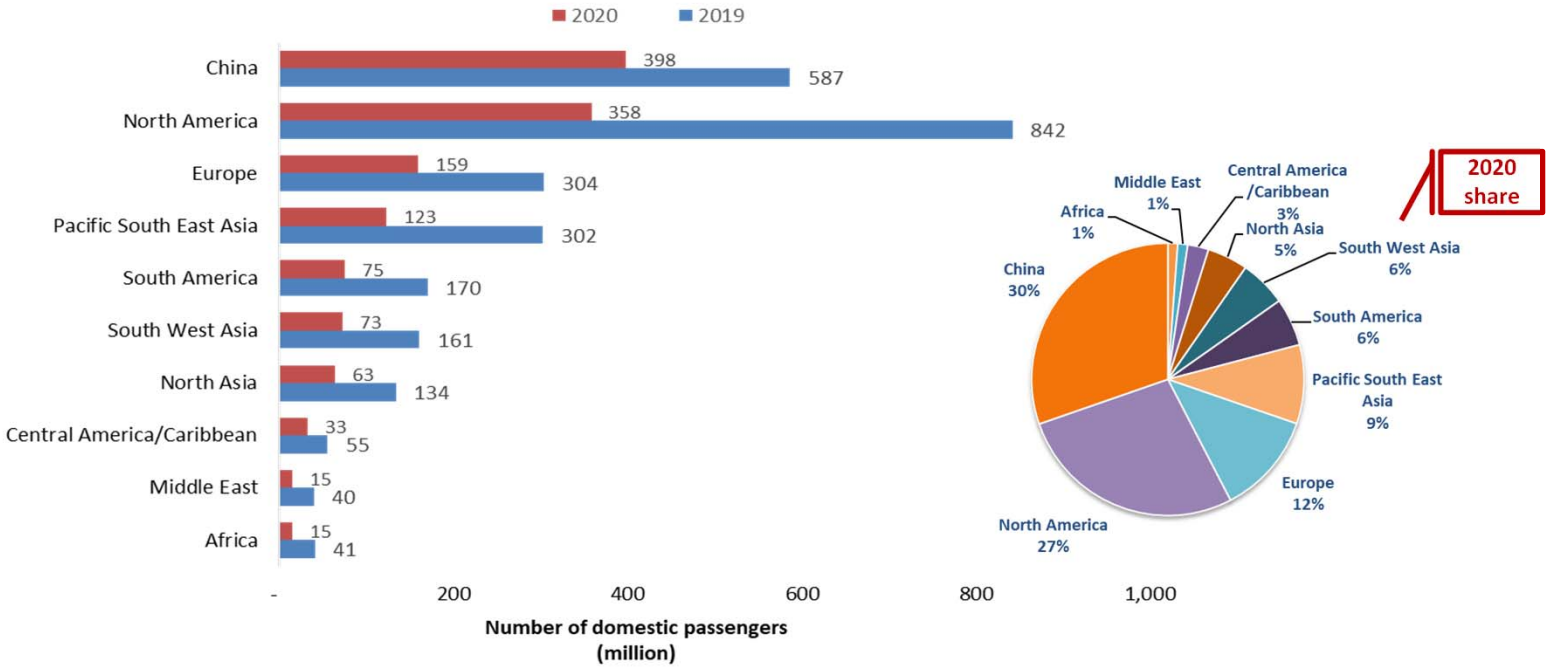
Number of international passengers by region (2020 vs. 2019, based on from/to State)



Source: ICAO long-term traffic forecasts, ADS-B and estimates

China overtook North America with 30% of world domestic passengers in 2020

Number of domestic passengers by Route Group (2020 vs. 2019)

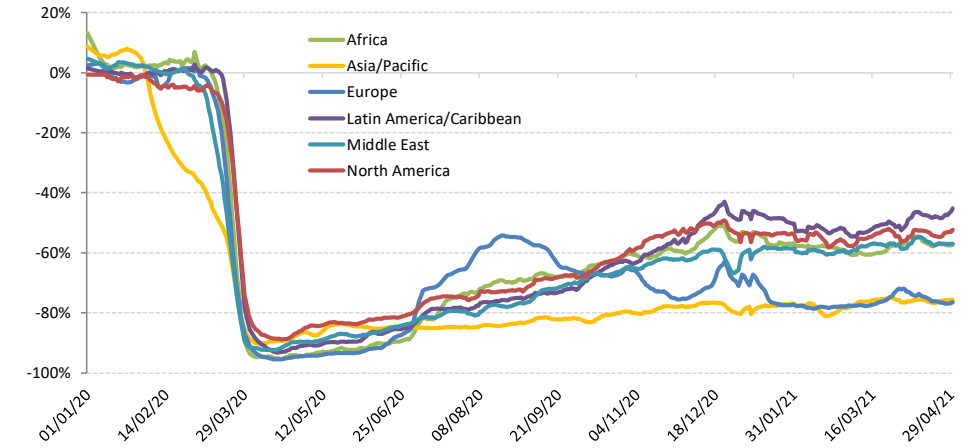


Source: ICAO long-term traffic forecasts, ADS-B and estimates

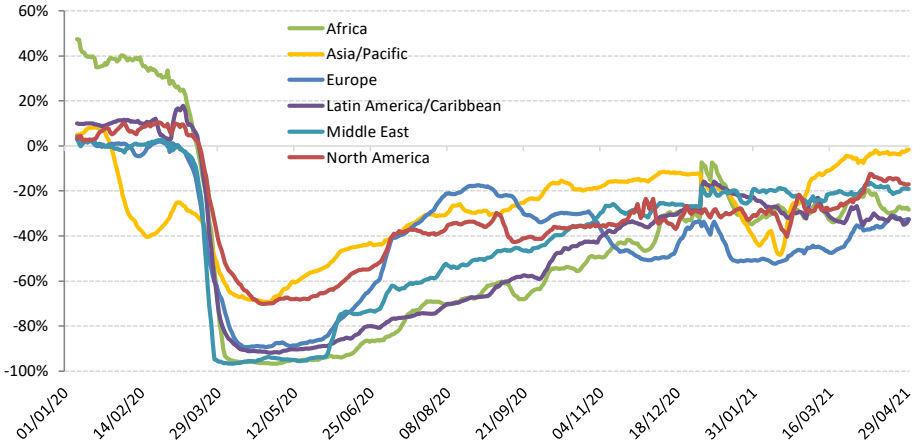
Domestic passenger traffic often exhibits more resilience than international

Asia/Pacific and North America have experienced 20% to 25% less decline in domestic passenger traffic than international

International seat capacity reduction
(7-day average, YoY compared to 2019)



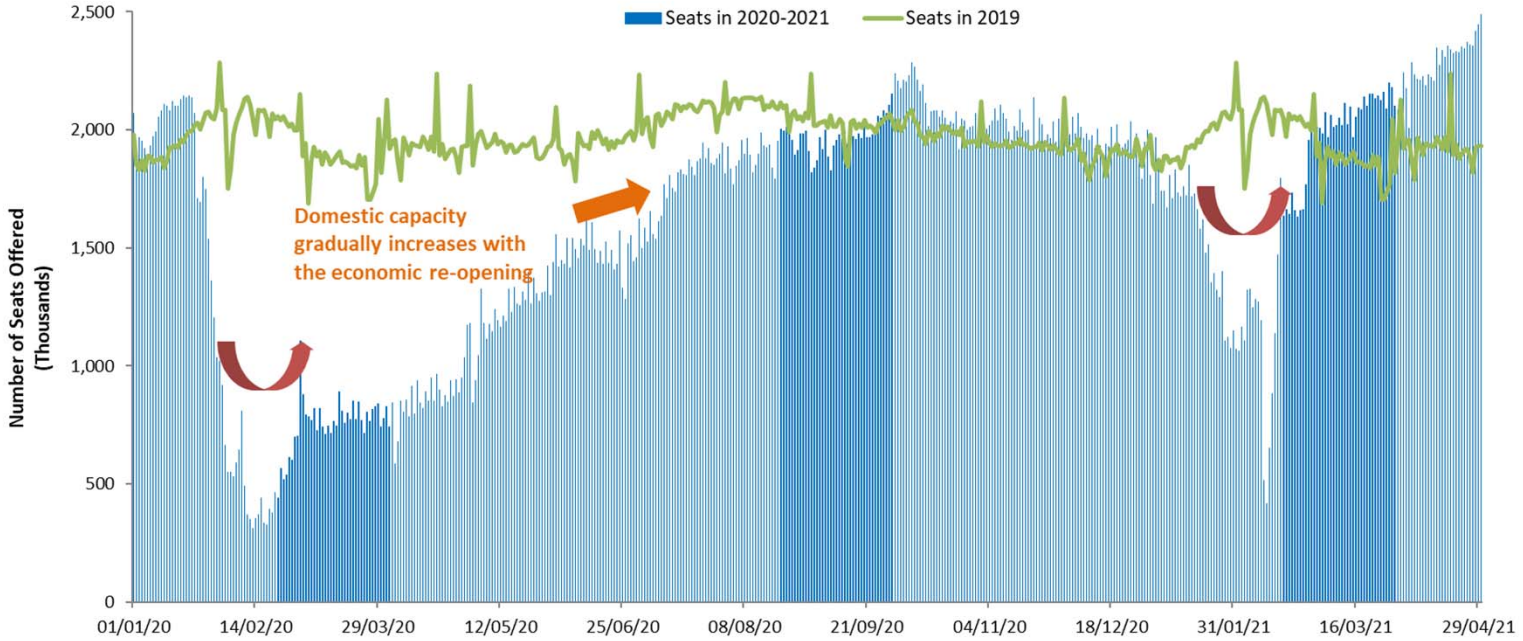
Domestic seat capacity reduction
(7-day average, YoY compared to 2019)



Source: ICAO ADS-B operation data

Domestic passenger traffic is recovering ahead of international

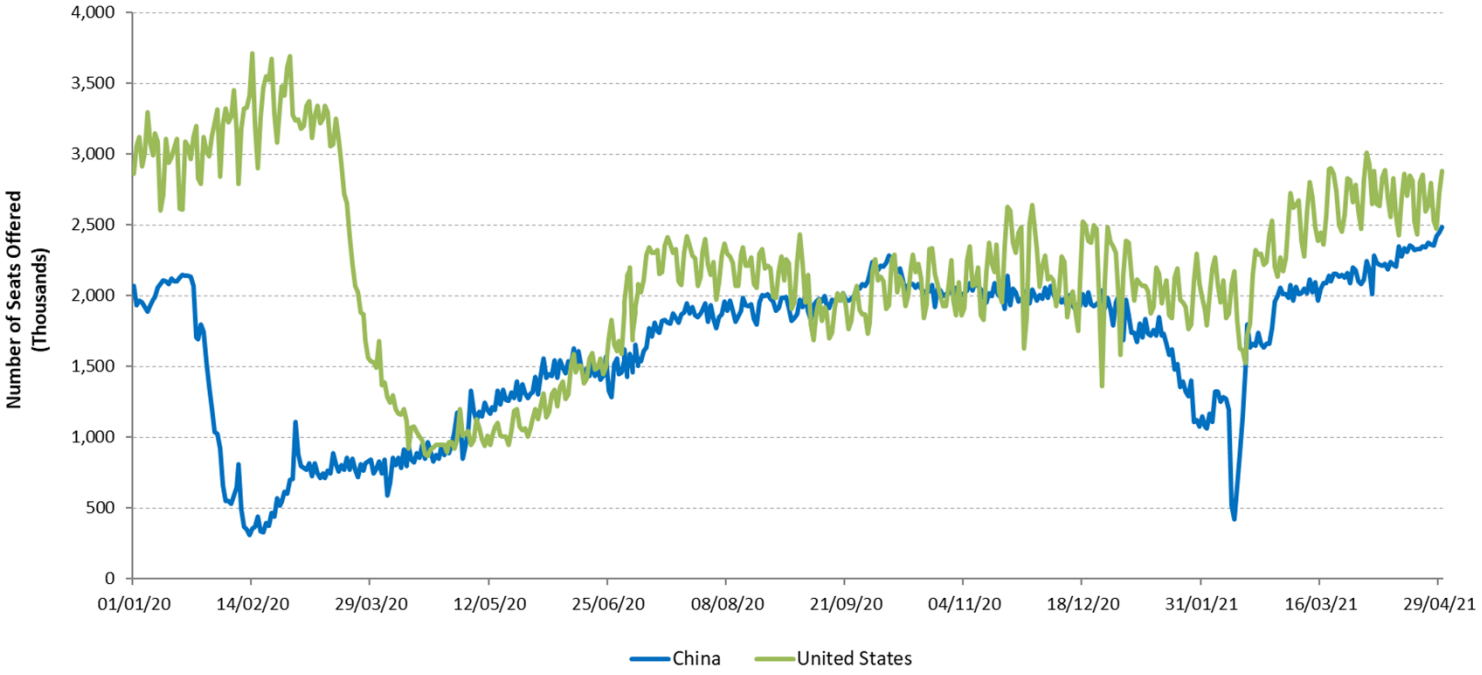
Domestic passenger traffic in China exceeded 2019 level from Autumn 2020 but slowed down in January 2021 and again exceeded 2019 level after Chinese New Year



Source: ICAO ADS-B operation data

The outbreak timing impacts when domestic traffic bottoms out in each region

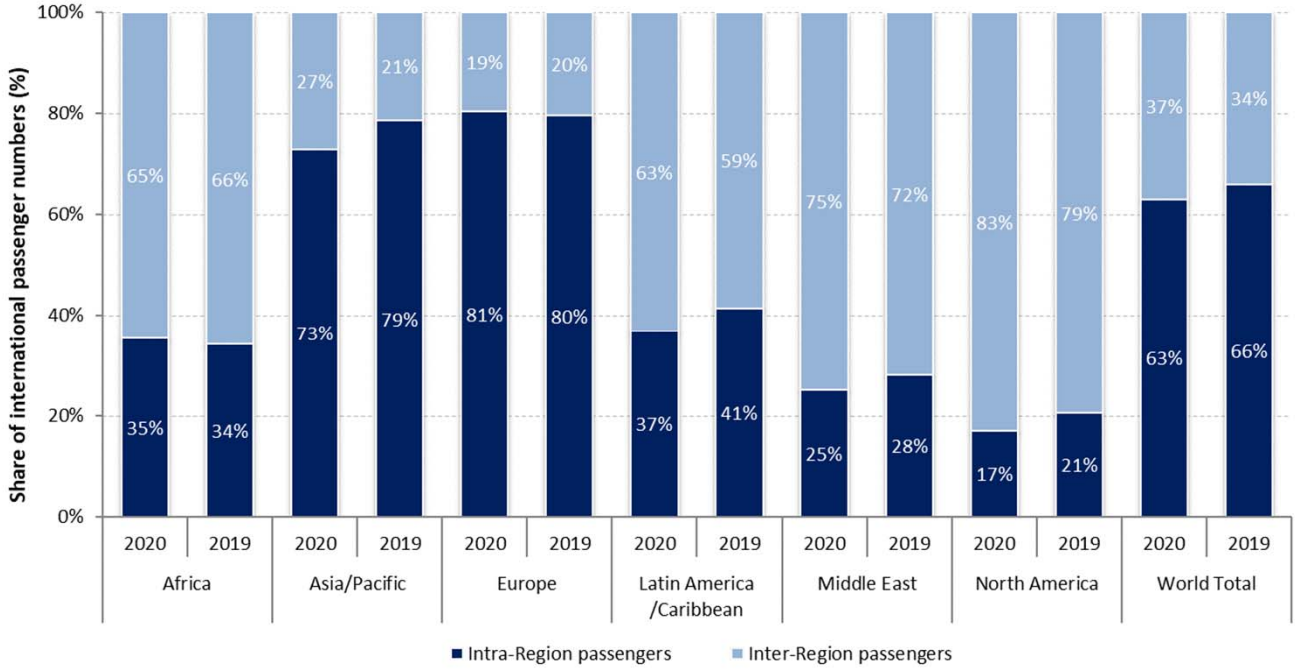
Capacity evolution of two largest domestic markets China and United States since January 2020



Source: ICAO ADS-B operation data

For international passenger traffic, share of Intra-Region traffic decreased in 2020

Share of Intra-Region and Inter-Region passenger traffic by region (2020 vs. 2019, based on from/to State, share of international traffic)

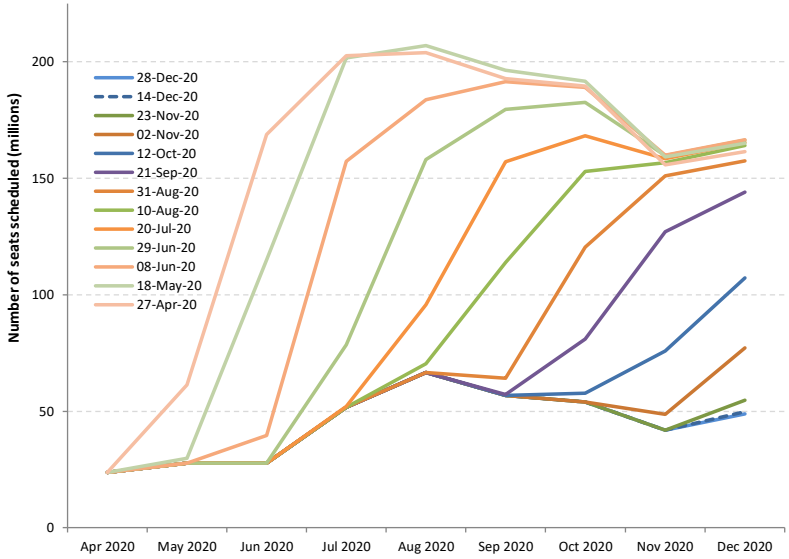


Source: ICAO long-term traffic forecasts, ADS-B and estimates

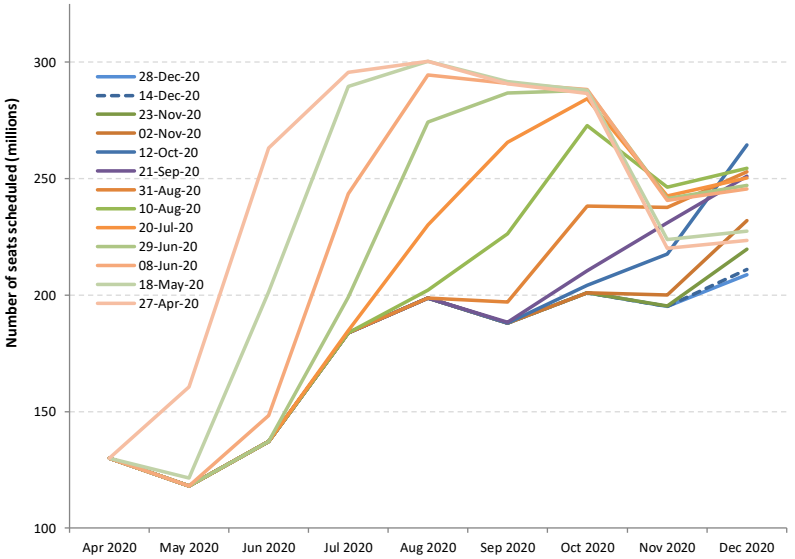
A large gap exists between what is scheduled and actual operations

Airlines announced/planned resumption of flights, however, over half of which were subsequently withdrawn

International schedules



Domestic schedules



Source: OAG

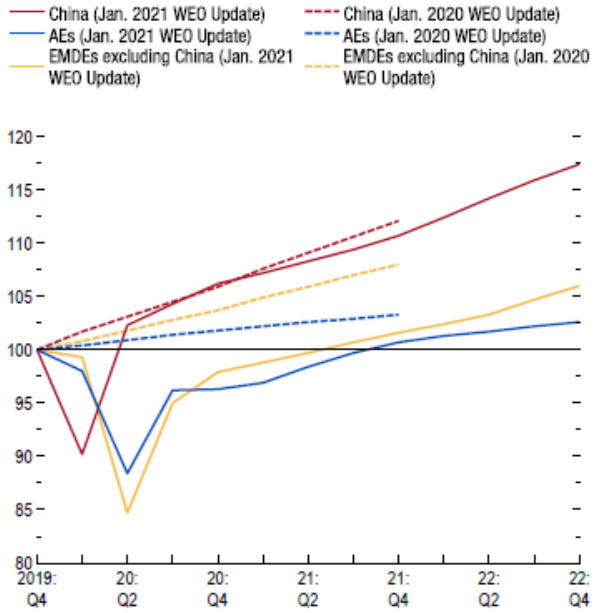
Shapes of Economic Recession and Recovery

Informal classification to describe different types of recessions:

- **V-shaped**: normal shape for recession, a brief period of sharp economic decline followed by quick/smooth recovery
- **U-shaped**: prolonged contraction and muted recovery to trend line growth
- **L-shaped (depression)**: long-term downturn in economic activity, steep drop followed by a flat line with possibility of not returning to trend line growth
- **W-shaped**: a double-dip recession, “down up down up” pattern before full recovery
- **“Nike swoosh”-shaped***: bounce back sharply but blunt quickly (* Brookings Institution/WEF)

What "recession shape" can be assumed given uncertainties surrounding the outlook?

World's GDP Projections (by IMF)

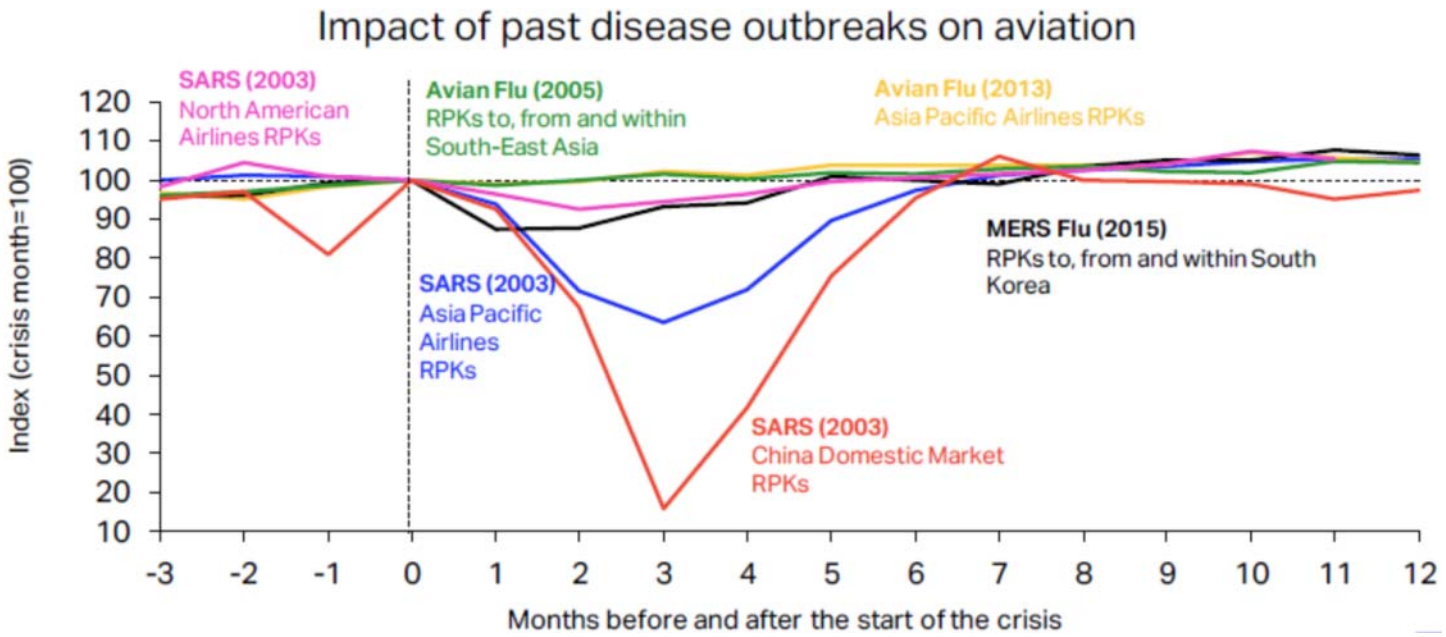


Source: IMF staff estimates.
Note: AEs = advanced economies; EMDEs = emerging market and developing economies; WEO = World Economic Outlook.

- How long will the pandemic last and what will be the severity levels?
- How deep and how long will the global recession be?
- How long will lockdowns and travel restrictions continue?
- How fast will consumer confidence in air travel be restored?
- Will there be a structural shift in industry and consumers' behaviors?
- How long can the air transport industry withstand the financial adversity?

Source: IMF Word Economic Outlook (January2021)

Previous outbreaks/pandemics had a V-shaped impact on air transport in Asia/Pacific



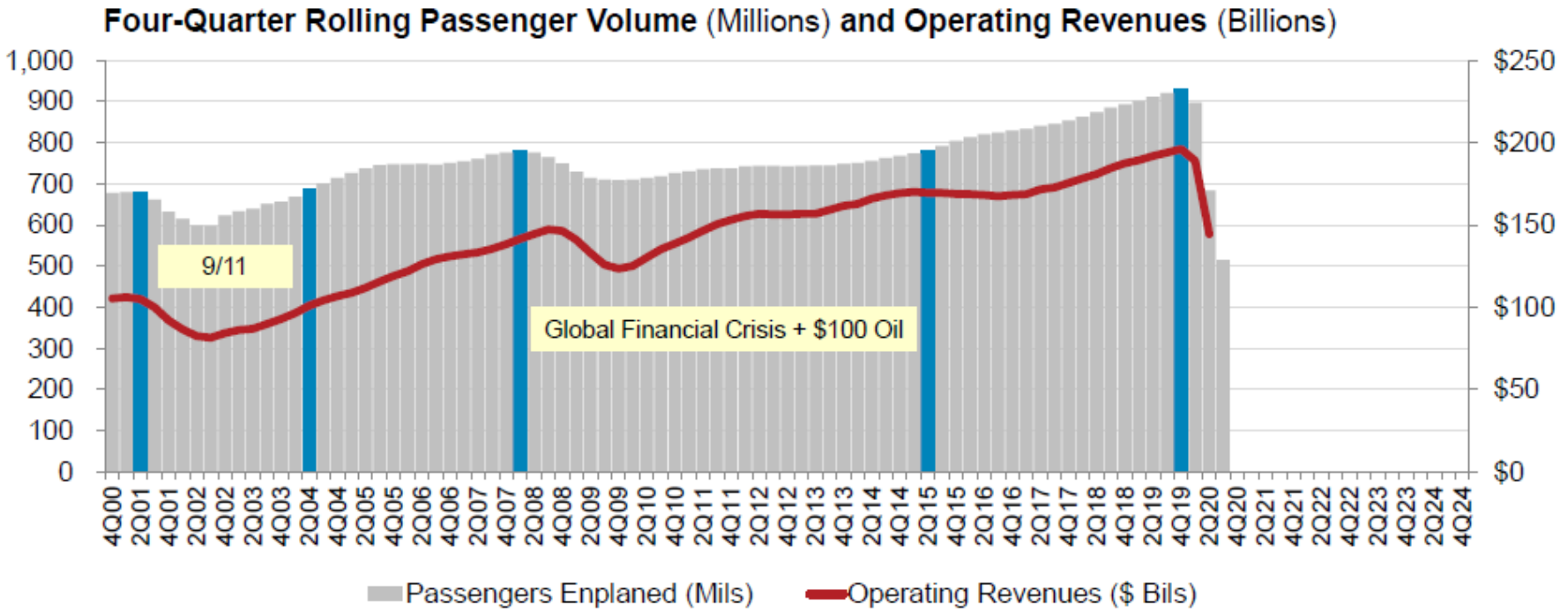
Source: IATA Economics using data from IATA Statistics

https://www.iata.org/en/iata-repository/publications/economic-reports/third-impact-assessment/

The impact of COVID-19 has already surpassed the 2003 SARS outbreak which had resulted in reduction of annual RPKs by 8% and USD 6 billion revenues for Asia/Pacific airlines. **The 6-month recovery path of SARS might not apply to today's situation.**

Source: IATA COVID-19 Updated Impact Assessment (dated 24 March 2020)

9/11 and global financial crisis had a U/L-shaped impact on air transport in United States



* Passengers enplaned systemwide on U.S. airlines in scheduled and nonscheduled services
Source: A4A Passenger Airline Cost Index and Bureau of Transportation Statistics (Form 41 Schedule T1)

https://www.airlines.org/dataset/impact-of-covid19-data-updates/

Source: A4A Tracking the Impacts of COVID-19 - Some Early Indicators (updated on 19 January 2021)

Indicative Scenarios and Paths Forward

As overall severity and duration of the COVID-19 pandemic are still uncertain, four (4) different recovery paths under two (2) indicative scenarios are developed:

- **Baseline**: counterfactual scenario, in which the COVID-19 pandemic does not occur, that is, **originally-planned** or **business as usual**
- **Scenario 1**: two (2) different paths (similar to **Nike swoosh- and W-shaped**)
- **Scenario 2**: two (2) different paths (similar to **U- and L-shaped**)
- **Reference**: information only, based on latest airline schedules (similar to **V-shaped**)

What does Scenario mean?

- Notwithstanding the elevated uncertainty surrounding the outlook, a scenario analysis could help gauge potential economic implications of the pandemic
- Scenarios are **not forecasts** of what is most likely to happen. Given rapidly changing circumstances, they are merely indicative of **possible paths or consequential outcomes out of many**
- The exact path (depth, length and shape) will depend upon various factors, inter alia, duration and magnitude of the outbreak and containment measures, availability of government assistance, consumer confidence, and economic conditions
- With the situation evolving and more information available, scenarios will be adjusted as necessary

Key assumptions

- International and domestic passenger traffic has separate scenarios/paths
- Scenarios/paths are differentiated in terms of supply and demand, i.e.
  - Scale of output or seat capacity change
  - Degree of consumer confidence that can be translated into demand or load factor as a proxy
- Supply and demand are influenced by:
  - Different timing and speed of recovery by region, international/domestic, and intra-/inter-region
  - Global economic contraction
- No consideration is made to social distancing requirements on aircraft, etc.
- Detailed scenario assumptions are summarized in **Appendix B**

Baseline & Reference

- **Baseline: originally-planned or business as usual**
  - Counterfactual hypothesis that are expected to occur in the absence of COVID-19 pandemic
  - Supply: airlines' originally-planned schedules supplemented by trend line growth
  - Demand: trend line growth of demand from 2019 (pre-COVID-19) level
- **Reference: V-shaped**
  - Information-only scenario that reflects airlines' most recent expectation or a "signal" of airlines' plan to the market (not necessarily realistic)
  - Supply: based on latest update of airline schedules filed, which are adjusted weekly by airlines according to the expectation of the evolving situation (quite often managing capacity for a short period due to the uncertainties)
  - Demand: quickly returning to Baseline level

Scenarios 1 & 2

Scenario 1: Nike swoosh- and W-shaped

- International
  - **Path 1**: Smooth capacity recovery by picking up pent-up demand but at a diminishing rate of growth
  - **Path 1a**: Capacity to start with smooth recovery but then turn back down due to over-capacity
- Domestic
  - **Path 1**: Swift capacity rebound pushed by pent-up demand but at a diminishing rate of growth
  - **Path 1a**: Capacity to start with smooth recovery but then turn back down due to over-capacity

Scenario 2: U- and L-shaped

- International
  - **Path 2**: Accelerating the return to trend growth after slow progression of capacity recovery
  - **Path 2a**: Capacity recovery at diminishing speed due to respite and continuous demand slump
- Domestic
  - **Path 2**: Gradual capacity recovery, followed by the acceleration of growth
  - **Path 2a**: Capacity recovery at diminishing speed due to sluggish demand growth

In the following analysis, international and domestic scenarios having the same path number are linked with each other, although different combination of scenarios/paths would be possible

Estimated 2020 Results and 2021 Outlook: Global

2021 figures and estimates herein reflect the latest operational data and schedules filed by airlines but are **subject to substantial changes**, and will be updated with the situation evolving and more information available.

Three (3) key impact indictors

- Three (3) key impact indicators under four (4) paths of two (2) scenarios:
  - Change of passenger seat capacity (supply, %)
  - Change of passenger numbers (demand)
  - Change of gross passenger operating revenues of airlines
- Comparison to:
  - Baseline scenario
  - 2019 level
  - 2020 level (for 2021 estimates)
- Break-down by:
  - International and domestic
  - Month, quarter and year

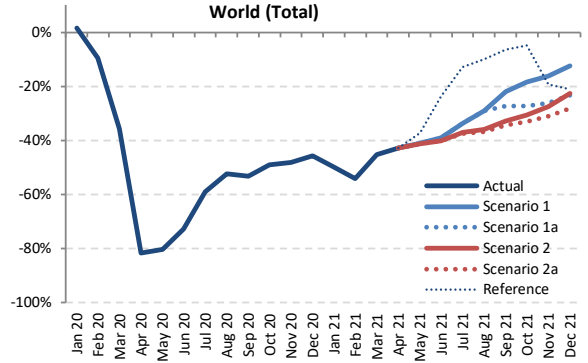
Estimation based on actual results of January 2020 to March 2021 are used for the key impact indicators.

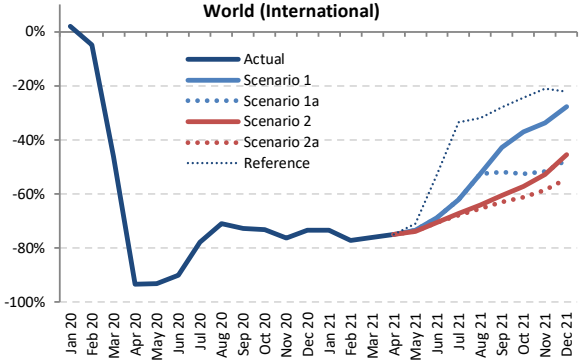
Estimated impacts compared to 2019 & Baseline

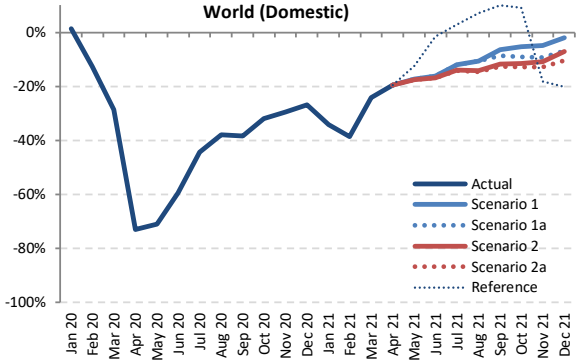
Compared to 2019	Seat capacity (%)			Passenger number (thousand)						Passenger revenue (USD, million)		
	Total	International	Domestic	Total		International		Domestic		Total	International	Domestic
1Q 2020	-14.8%	-16.9%	-13.4%	-233,909	-22.7%	-89,922	-22.0%	-143,987	-23.2%	-29,389	-16,538	-12,852
2Q 2020	-78.1%	-92.1%	-67.8%	-984,447	-86.4%	-460,226	-96.6%	-524,221	-79.1%	-129,747	-81,993	-47,753
3Q 2020	-54.8%	-73.9%	-40.2%	-821,282	-67.2%	-449,405	-85.2%	-371,877	-53.5%	-115,838	-82,002	-33,835
4Q 2020	-47.6%	-74.3%	-29.4%	-659,012	-60.2%	-376,110	-86.0%	-282,902	-43.0%	-95,635	-69,608	-26,028
Total 2020	**-49.5%**	**-65.7%**	**-37.9%**	**-2,698,650**	**-60.2%**	**-1,375,663**	**-74.4%**	**-1,322,987**	**-50.2%**	**-370,609**	**-250,141**	**-120,468**
1Q 2021	-49.6%	-75.6%	-32.1%	-636,246	-61.8%	-354,346	-86.7%	-281,900	-45.4%	-91,453	-65,733	-25,720
2Q 2021	-41.4% to -40.9%	-73.1% to -72.4%	-18.0% to -17.6%	-587,912 to -574,014	-51.6% to -50.4%	-397,132 to -391,583	-83.4% to -82.2%	-190,779 to -182,431	-28.8% to -27.5%	-87,389 to -85,579	-69,847 to -68,822	-17,543 to -16,757
3Q 2021	-36.3% to -28.4%	-65.4% to -52.7%	-13.9% to -9.7%	-547,990 to -413,392	-44.8% to -33.8%	-395,407 to -315,976	-74.9% to -59.9%	-152,583 to -97,415	-22.0% to -14.0%	-82,676 to -63,708	-68,832 to -55,051	-13,844 to -8,657
4Q 2021	-30.7% to -15.8%	-58.2% to -32.9%	-12.0% to -4.0%	-424,572 to -223,853	-38.8% to -20.4%	-299,386 to -177,361	-68.4% to -40.5%	-125,186 to -46,492	-19.0% to -7.1%	-66,014 to -37,146	-54,828 to -33,384	-11,186 to -3,761
Total 2021	**-39.3% to -33.4%**	**-68.0% to -58.2%**	**-18.8% to -15.6%**	**-2,196,720 to -1,847,504**	**-49.0% to -41.2%**	**-1,446,272 to -1,239,267**	**-78.2% to -67.0%**	**-750,448 to -608,237**	**-28.5% to -23.1%**	**-327,532 to -277,886**	**-259,240 to -222,991**	**-68,292 to -54,895**

Compared to Baseline	Seat capacity (%)			Passenger number (thousand)						Passenger revenue (USD, million)		
	Total	International	Domestic	Total		International		Domestic		Total	International	Domestic
1Q 2020	-18.0%	-20.0%	-16.7%	-279,916	-26.0%	-108,095	-25.3%	-171,821	-26.5%	-35,029	-19,759	-15,269
2Q 2020	-78.8%	-92.4%	-68.7%	-1,024,753	-86.9%	-478,427	-96.8%	-546,326	-79.8%	-135,050	-85,225	-49,825
3Q 2020	-56.2%	-74.6%	-42.1%	-865,057	-68.3%	-468,004	-85.7%	-397,053	-55.2%	-121,503	-85,312	-36,191
4Q 2020	-48.8%	-74.9%	-30.9%	-689,747	-61.2%	-388,876	-86.3%	-300,871	-44.5%	-99,808	-72,094	-27,715
Total 2020	**-51.1%**	**-66.8%**	**-39.7%**	**-2,859,472**	**-61.5%**	**-1,443,402**	**-75.3%**	**-1,416,070**	**-51.9%**	**-391,390**	**-262,390**	**-129,000**
1Q 2021	-53%	-77%	-36%	-707,667	-1	-380,191	-1	-327,476	0	-100,234	-70,367	-29,866
2Q 2021	-44.7% to -44.2%	-74.8% to -74.1%	-22.1% to -21.8%	-662,131 to -648,233	-54.6% to -53.4%	-429,878 to -424,329	-84.5% to -83.4%	-232,254 to -223,905	-33.0% to -31.8%	-97,320 to -95,510	-75,887 to -74,862	-21,434 to -20,647
3Q 2021	-40.4% to -33.1%	-67.7% to -55.8%	-19.4% to -15.6%	-641,207 to -506,609	-48.7% to -38.5%	-434,139 to -354,708	-76.6% to -62.6%	-207,068 to -151,900	-27.6% to -20.3%	-95,021 to -76,054	-76,069 to -62,289	-18,952 to -13,765
4Q 2021	-34.6% to -20.4%	-60.6% to -36.8%	-16.7% to -9.2%	-496,489 to -295,770	-42.5% to -25.3%	-327,403 to -205,378	-70.3% to -44.1%	-169,086 to -90,392	-24.1% to -12.9%	-76,026 to -47,158	-60,753 to -39,309	-15,273 to -7,849
Total 2021	**-42.9% to -37.3%**	**-69.9% to -60.7%**	**-23.4% to -20.4%**	**-2,507,494 to -2,158,279**	**-52.3% to -45.0%**	**-1,571,611 to -1,364,606**	**-79.6% to -69.1%**	**-935,883 to -793,673**	**-33.2% to -28.1%**	**-368,601 to -318,956**	**-283,076 to -246,828**	**-85,525 to -72,128**

Seat capacity







Seat Capacity (thousand) - World Total International + Domestic																	
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**438,945**	452,937	**445,904**	6,960	1.6%	-7,033	-1.6%	464,620	**219,647**	**219,647**	**219,647**	**219,647**	**219,647**	-219,298	-50.0%	-226,257	-50.7%	-244,973	-52.7%
February	**401,031**	423,848	**362,643**	-38,388	-9.6%	-61,205	-14.4%	433,495	**183,893**	**183,893**	**183,893**	**183,893**	**183,893**	-217,138	-54.1%	-178,750	-49.3%	-249,602	-57.6%
March	**444,244**	458,040	**285,487**	-158,757	-35.7%	-172,553	-37.7%	465,168	**243,353**	**243,353**	**243,353**	**243,353**	**243,353**	-200,891	-45.2%	-42,134	-14.8%	-221,815	-47.7%
April	**445,271**	457,572	**81,987**	-363,283	-81.6%	-375,584	-82.1%	469,717	**254,510**	**254,510**	**254,510**	**254,510**	**254,510**	-190,760	-42.8%	172,523	210.4%	-215,207	-45.8%
May	**464,948**	478,703	**91,502**	-373,447	-80.3%	-387,202	-80.9%	491,057	**274,149**	**274,149**	**272,983**	**272,820**	**292,103**	-192,128 to -190,799	-41.3% to -41.0%	181,319 to 182,648	198.2% to 199.6%	-218,237 to -216,908	-44.4% to -44.2%
June	**470,011**	485,904	**128,457**	-341,554	-72.7%	-357,447	-73.6%	500,376	**286,877**	**286,877**	**281,813**	**281,146**	**358,758**	-188,865 to -183,134	-40.2% to -39.0%	152,688 to 158,420	118.9% to 123.3%	-219,230 to -213,498	-43.8% to -42.7%
July	**498,340**	515,107	**204,703**	-293,638	-58.9%	-310,404	-60.3%	535,855	**330,024**	**330,024**	**313,445**	**311,377**	**433,723**	-186,963 to -168,316	-37.5% to -33.8%	106,675 to 125,322	52.1% to 61.2%	-224,478 to -205,831	-41.9% to -38.4%
August	**497,416**	510,834	**237,039**	-260,377	-52.3%	-273,795	-53.6%	528,919	**353,279**	**353,279**	**318,371**	**314,130**	**447,837**	-183,286 to -144,138	-36.8% to -29.0%	77,092 to 116,240	32.5% to 49.0%	-214,788 to -175,640	-40.6% to -33.2%
September	**466,668**	481,357	**218,612**	-248,056	-53.2%	-262,745	-54.6%	499,667	**363,984**	**339,832**	**313,812**	**306,614**	**437,145**	-160,054 to -102,684	-34.3% to -22.0%	88,002 to 145,372	40.3% to 66.5%	-193,053 to -135,683	-38.6% to -27.2%
October	**469,535**	478,702	**239,029**	-230,505	-49.1%	-239,673	-50.1%	494,875	**382,583**	**341,688**	**325,943**	**314,579**	**446,542**	-154,955 to -86,951	-33.0% to -18.5%	75,550 to 143,554	31.6% to 60.1%	-180,296 to -112,292	-36.4% to -22.7%
November	**431,197**	439,257	**223,993**	-207,204	-48.1%	-215,264	-49.0%	452,890	**360,945**	**318,737**	**313,043**	**297,640**	**347,726**	-133,557 to -70,252	-31.0% to -16.3%	73,647 to 136,952	32.9% to 61.1%	-155,250 to -91,945	-34.3% to -20.3%
December	**448,324**	462,155	**243,440**	-204,885	-45.7%	-218,715	-47.3%	480,429	**392,812**	**343,910**	**347,161**	**322,127**	**354,090**	-126,198 to -55,512	-28.1% to -12.4%	78,687 to 149,373	32.3% to 61.4%	-158,302 to -87,617	-33.0% to -18.2%
1Q	**1,284,219**	1,334,824	**1,094,034**	-190,185	-14.8%	-240,790	-18.0%	1,363,282	**646,893**	**646,893**	**646,893**	**646,893**	**646,893**	-637,326	-49.6%	-447,141	-40.9%	-716,390	-52.5%
2Q	**1,380,230**	1,422,179	**301,946**	-1,078,284	-78.1%	-1,120,233	-78.8%	1,461,150	**815,537**	**815,537**	**809,306**	**808,477**	**905,371**	-571,753 to -564,693	-41.4% to -40.9%	506,530 to 513,591	167.8% to 170.1%	-652,674 to -645,613	-44.7% to -44.2%
3Q	**1,462,425**	1,507,298	**660,353**	-802,072	-54.8%	-846,944	-56.2%	1,564,441	**1,047,287**	**1,023,135**	**945,628**	**932,122**	**1,318,705**	-530,303 to -415,138	-36.3% to -28.4%	271,768 to 386,934	41.2% to 58.6%	-632,320 to -517,154	-40.4% to -33.1%
4Q	**1,349,056**	1,380,114	**706,462**	-642,595	-47.6%	-673,652	-48.8%	1,428,195	**1,136,341**	**1,004,335**	**986,147**	**934,346**	**1,148,358**	-414,710 to -212,716	-30.7% to -15.8%	227,884 to 429,879	32.3% to 60.8%	-493,849 to -291,854	-34.6% to -20.4%
Total	**5,475,930**	5,644,415	**2,762,796**	-2,713,135	-49.5%	-2,881,619	-51.1%	5,817,069	**3,646,058**	**3,489,900**	**3,387,973**	**3,321,837**	**4,019,326**	-2,154,093 to -1,829,872	-39.3% to -33.4%	559,042 to 883,262	20.2% to 32.0%	-2,495,232 to -2,171,011	-42.9% to -37.3%

Source: ICAO estimates

Seat capacity

Seat Capacity (thousand) - World Total International

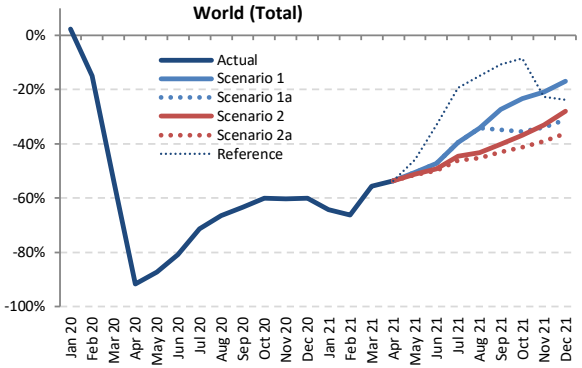
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**176,978**	182,100	**180,601**	3,623	2.0%	-1,499	-0.8%	185,913	**47,019**	**47,019**	**47,019**	**47,019**	**47,019**	-129,959	-73.4%	-133,582	-74.0%	-138,893	-74.7%
February	**161,254**	170,721	**153,407**	-7,847	-4.9%	-17,314	-10.1%	174,489	**36,649**	**36,649**	**36,649**	**36,649**	**36,649**	-124,605	-77.3%	-116,758	-76.1%	-137,841	-79.0%
March	**180,012**	185,993	**96,871**	-83,141	-46.2%	-89,121	-47.9%	188,739	**42,937**	**42,937**	**42,937**	**42,937**	**42,937**	-137,075	-76.1%	-53,935	-55.7%	-145,803	-77.3%
April	**186,932**	193,072	**12,235**	-174,698	-93.5%	-180,837	-93.7%	199,119	**46,603**	**46,603**	**46,603**	**46,603**	**46,603**	-140,330	-75.1%	34,368	280.9%	-152,517	-76.6%
May	**196,406**	202,540	**13,634**	-182,772	-93.1%	-188,907	-93.3%	207,749	**52,005**	**52,005**	**51,460**	**51,399**	**56,894**	-145,007 to -144,402	-73.8% to -73.5%	37,766 to 38,371	277.0% to 281.4%	-156,349 to -155,744	-75.3% to -75.0%
June	**203,503**	210,916	**20,373**	-183,131	-90.0%	-190,544	-90.3%	218,921	**63,474**	**63,474**	**60,171**	**59,768**	**96,167**	-143,735 to -140,029	-70.6% to -68.8%	39,396 to 43,102	193.4% to 211.6%	-159,152 to -155,446	-72.7% to -71.0%
July	**216,729**	223,515	**48,106**	-168,623	-77.8%	-175,409	-78.5%	232,536	**82,228**	**82,228**	**70,882**	**69,557**	**144,117**	-147,172 to -134,501	-67.9% to -62.1%	21,451 to 34,122	44.6% to 70.9%	-162,979 to -150,308	-70.1% to -64.6%
August	**217,510**	224,145	**63,311**	-154,199	-70.9%	-160,834	-71.8%	233,205	**103,291**	**103,291**	**78,291**	**75,430**	**148,208**	-142,080 to -114,220	-65.3% to -52.5%	12,119 to 39,980	19.1% to 63.1%	-157,775 to -129,915	-67.7% to -55.7%
September	**200,919**	206,601	**54,611**	-146,308	-72.8%	-151,990	-73.6%	214,341	**115,046**	**96,824**	**79,375**	**74,471**	**144,599**	-126,448 to -85,873	-62.9% to -42.7%	19,859 to 60,435	36.4% to 110.7%	-139,870 to -99,295	-65.3% to -46.3%
October	**195,761**	199,203	**52,395**	-143,366	-73.2%	-146,808	-73.7%	205,257	**123,291**	**92,912**	**83,760**	**75,924**	**147,982**	-119,836 to -72,470	-61.2% to -37.0%	23,530 to 70,896	44.9% to 135.3%	-129,333 to -81,966	-63.0% to -39.9%
November	**171,168**	174,618	**40,601**	-130,567	-76.3%	-134,017	-76.7%	180,486	**113,335**	**82,774**	**80,987**	**70,806**	**135,237**	-100,362 to -57,833	-58.6% to -33.8%	30,205 to 72,733	74.4% to 179.1%	-109,680 to -67,151	-60.8% to -37.2%
December	**180,939**	187,587	**48,010**	-132,929	-73.5%	-139,576	-74.4%	195,830	**130,722**	**95,136**	**98,799**	**82,481**	**140,735**	-98,458 to -50,217	-54.4% to -27.8%	34,471 to 82,711	71.8% to 172.3%	-113,349 to -65,108	-57.9% to -33.2%
1Q	**518,244**	538,814	**430,879**	-87,365	-16.9%	-107,935	-20.0%	549,141	**126,604**	**126,604**	**126,604**	**126,604**	**126,604**	-391,640	-75.6%	-304,275	-70.6%	-422,537	-76.9%
2Q	**586,842**	606,529	**46,241**	-540,601	-92.1%	-560,288	-92.4%	625,788	**162,082**	**162,082**	**158,233**	**157,770**	**199,664**	-429,072 to -424,760	-73.1% to -72.4%	111,529 to 115,841	241.2% to 250.5%	-468,018 to -463,707	-74.8% to -74.1%
3Q	**635,158**	654,261	**166,028**	-469,130	-73.9%	-488,233	-74.6%	680,082	**300,565**	**282,343**	**228,547**	**219,458**	**436,924**	-415,700 to -334,594	-65.4% to -52.7%	53,430 to 134,536	32.2% to 81.0%	-460,624 to -379,518	-67.7% to -55.8%
4Q	**547,868**	561,408	**141,006**	-406,861	-74.3%	-420,402	-74.9%	581,573	**367,347**	**270,822**	**263,546**	**229,212**	**423,953**	-318,656 to -180,520	-58.2% to -32.9%	88,205 to 226,341	62.6% to 160.5%	-352,361 to -214,226	-60.6% to -36.8%
Total	**2,288,112**	2,361,012	**784,155**	-1,503,957	-65.7%	-1,576,857	-66.8%	2,436,585	**956,598**	**841,851**	**776,931**	**733,045**	**1,187,146**	-1,555,067 to -1,331,514	-68.0% to -58.2%	-51,111 to 172,443	-6.5% to 22.0%	-1,703,540 to -1,479,987	-69.9% to -60.7%

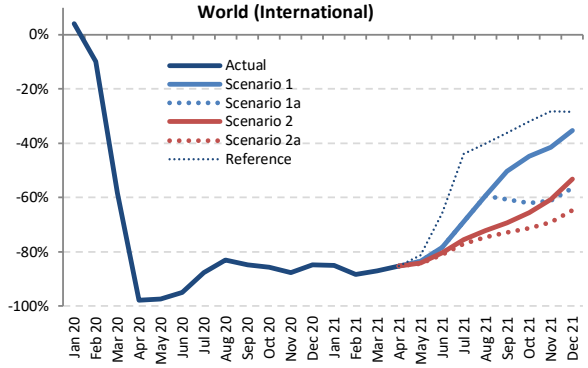
Seat Capacity (thousand) - World Total Domestic

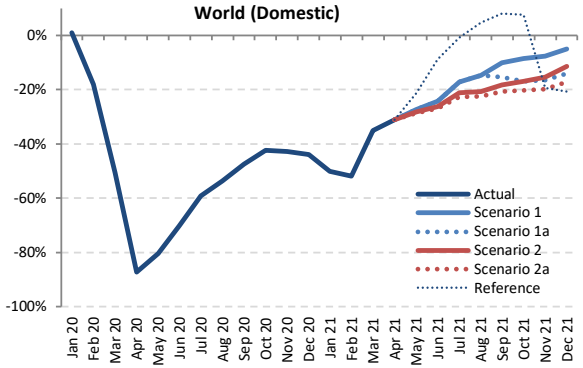
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**261,967**	270,837	**265,303**	3,337	1.3%	-5,534	-2.0%	278,707	**172,628**	**172,628**	**172,628**	**172,628**	**172,628**	-89,339	-34.1%	-92,676	-34.9%	-106,079	-38.1%
February	**239,777**	253,127	**209,236**	-30,541	-12.7%	-43,890	-17.3%	259,006	**147,244**	**147,244**	**147,244**	**147,244**	**147,244**	-92,532	-38.6%	-61,992	-29.6%	-111,762	-43.2%
March	**264,232**	272,047	**188,615**	-75,616	-28.6%	-83,432	-30.7%	276,428	**200,416**	**200,416**	**200,416**	**200,416**	**200,416**	-63,816	-24.2%	11,801	6.3%	-76,012	-27.5%
April	**258,338**	264,499	**69,753**	-188,585	-73.0%	-194,747	-73.6%	270,598	**207,908**	**207,908**	**207,908**	**207,908**	**207,908**	-50,430	-19.5%	138,155	198.1%	-62,690	-23.2%
May	**268,542**	276,163	**77,868**	-190,674	-71.0%	-198,295	-71.8%	283,309	**222,145**	**222,145**	**221,523**	**221,421**	**235,209**	-47,121 to -46,397	-17.5% to -17.3%	143,553 to 144,277	184.4% to 185.3%	-61,888 to -61,164	-21.8% to -21.6%
June	**266,508**	274,988	**108,085**	-158,423	-59.4%	-166,903	-60.7%	281,455	**223,403**	**223,403**	**221,642**	**221,378**	**262,590**	-45,130 to -43,105	-16.9% to -16.2%	113,293 to 115,318	104.8% to 106.7%	-60,077 to -58,052	-21.3% to -20.6%
July	**281,611**	291,592	**156,596**	-125,015	-44.4%	-134,996	-46.3%	303,319	**247,796**	**247,796**	**242,563**	**241,820**	**289,606**	-39,791 to -33,815	-14.1% to -12.0%	85,224 to 91,200	54.4% to 58.2%	-61,499 to -55,523	-20.3% to -18.3%
August	**279,906**	286,688	**173,728**	-106,178	-37.9%	-112,961	-39.4%	295,713	**249,988**	**249,988**	**240,080**	**238,700**	**299,629**	-41,206 to -29,918	-14.7% to -10.7%	64,972 to 76,260	37.4% to 43.9%	-57,013 to -45,725	-19.3% to -15.5%
September	**265,750**	274,756	**164,001**	-101,749	-38.3%	-110,755	-40.3%	285,327	**248,939**	**243,008**	**234,437**	**232,143**	**292,546**	-33,606 to -16,811	-12.6% to -6.3%	68,142 to 84,938	41.5% to 51.8%	-53,183 to -36,388	-18.6% to -12.8%
October	**273,774**	279,499	**186,635**	-87,139	-31.8%	-92,865	-33.2%	289,618	**259,293**	**248,776**	**242,183**	**238,655**	**298,560**	-35,119 to -14,481	-12.8% to -5.3%	52,020 to 72,658	27.9% to 38.9%	-50,963 to -30,326	-17.6% to -10.5%
November	**260,029**	264,639	**183,392**	-76,638	-29.5%	-81,247	-30.7%	272,404	**247,610**	**235,963**	**232,056**	**226,834**	**212,489**	-33,196 to -12,419	-12.8% to -4.8%	43,442 to 64,219	23.7% to 35.0%	-45,570 to -24,794	-16.7% to -9.1%
December	**267,385**	274,568	**195,429**	-71,956	-26.9%	-79,139	-28.8%	284,599	**262,091**	**248,775**	**248,361**	**239,646**	**213,355**	-27,740 to -5,295	-10.4% to -2.0%	44,216 to 66,661	22.6% to 34.1%	-44,954 to -22,509	-15.8% to -7.9%
1Q	**765,975**	796,011	**663,155**	-102,820	-13.4%	-132,856	-16.7%	814,141	**520,288**	**520,288**	**520,288**	**520,288**	**520,288**	-245,687	-32.1%	-142,866	-21.5%	-293,853	-36.1%
2Q	**793,388**	815,650	**255,705**	-537,683	-67.8%	-559,945	-68.7%	835,362	**653,455**	**653,455**	**651,073**	**650,706**	**705,707**	-142,682 to -139,933	-18.0% to -17.6%	395,001 to 397,750	154.5% to 155.6%	-184,656 to -181,907	-22.1% to -21.8%
3Q	**827,267**	853,036	**494,325**	-332,942	-40.2%	-358,711	-42.1%	884,359	**746,723**	**740,792**	**717,080**	**712,663**	**881,781**	-114,603 to -80,544	-13.9% to -9.7%	218,339 to 252,398	44.2% to 51.1%	-171,696 to -137,636	-19.4% to -15.6%
4Q	**801,189**	818,706	**565,456**	-235,733	-29.4%	-253,250	-30.9%	846,622	**768,993**	**733,513**	**722,600**	**705,135**	**724,404**	-96,054 to -32,195	-12.0% to -4.0%	139,679 to 203,538	24.7% to 36.0%	-141,487 to -77,628	-16.7% to -9.2%
Total	**3,187,818**	3,283,402	**1,978,640**	-1,209,178	-37.9%	-1,304,762	-39.7%	3,380,484	**2,689,460**	**2,648,049**	**2,611,042**	**2,588,793**	**2,832,180**	-599,025 to -498,358	-18.8% to -15.6%	610,152 to 710,819	30.8% to 35.9%	-791,692 to -691,024	-23.4% to -20.4%

Source: ICAO estimates

Passenger number







Passenger Number (thousand) - World Total International + Domestic																	
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**344,758**	357,606	**352,761**	8,004	2.3%	-4,844	-1.4%	367,728	**123,561**	**123,561**	**123,561**	**123,561**	**123,561**	-221,197	-64.2%	-229,201	-65.0%	-244,167	-66.4%
February	**321,873**	341,949	**274,172**	-47,701	-14.8%	-67,777	-19.8%	350,578	**108,767**	**108,767**	**108,767**	**108,767**	**108,767**	-213,106	-66.2%	-165,405	-60.3%	-241,810	-69.0%
March	**362,867**	375,950	**168,655**	-194,212	-53.5%	-207,295	-55.1%	382,614	**160,924**	**160,924**	**160,924**	**160,924**	**160,924**	-201,943	-55.7%	-7,731	-4.6%	-221,690	-57.9%
April	**366,705**	378,697	**30,811**	-335,893	-91.6%	-347,886	-91.9%	389,357	**170,134**	**170,134**	**170,134**	**170,134**	**170,134**	-196,570	-53.6%	139,323	452.2%	-219,223	-56.3%
May	**378,595**	391,491	**48,036**	-330,560	-87.3%	-343,455	-87.7%	402,087	**187,443**	**187,443**	**184,844**	**183,780**	**204,703**	-194,816 to -191,152	-51.5% to -50.5%	135,744 to 139,408	282.6% to 290.2%	-218,308 to -214,644	-54.3% to -53.4%
June	**393,796**	409,214	**75,802**	-317,994	-80.8%	-333,412	-81.5%	421,871	**207,505**	**207,505**	**199,904**	**197,270**	**263,623**	-196,526 to -186,292	-49.9% to -47.3%	121,468 to 131,702	160.2% to 173.7%	-224,601 to -214,367	-53.2% to -50.8%
July	**422,791**	439,319	**121,072**	-301,719	-71.4%	-318,247	-72.4%	457,600	**256,175**	**256,175**	**234,248**	**227,842**	**341,040**	-194,949 to -166,616	-46.1% to -39.4%	106,770 to 135,102	88.2% to 111.6%	-229,758 to -201,426	-50.2% to -44.0%
August	**421,189**	434,582	**141,555**	-279,634	-66.4%	-293,028	-67.4%	450,409	**277,503**	**277,503**	**239,592**	**230,747**	**358,566**	-190,441 to -143,686	-45.2% to -34.1%	89,193 to 135,948	63.0% to 96.0%	-219,662 to -172,907	-48.8% to -38.4%
September	**378,248**	392,101	**138,319**	-239,929	-63.4%	-253,782	-64.7%	407,436	**275,160**	**246,744**	**226,534**	**215,649**	**337,553**	-162,600 to -103,089	-43.0% to -27.3%	77,330 to 136,840	55.9% to 98.9%	-191,787 to -132,276	-47.1% to -32.5%
October	**382,832**	392,206	**152,726**	-230,106	-60.1%	-239,480	-61.1%	405,986	**293,338**	**247,353**	**241,887**	**225,320**	**350,015**	-157,512 to -89,495	-41.1% to -23.4%	72,594 to 140,612	47.5% to 92.1%	-180,666 to -112,648	-44.5% to -27.7%
November	**347,003**	355,209	**137,802**	-209,201	-60.3%	-217,407	-61.2%	366,882	**274,812**	**229,253**	**232,618**	**211,816**	**268,005**	-135,187 to -72,191	-39.0% to -20.8%	74,014 to 137,010	53.7% to 99.4%	-155,066 to -92,070	-42.3% to -25.1%
December	**365,554**	378,710	**145,850**	-219,705	-60.1%	-232,860	-61.5%	394,438	**303,387**	**252,282**	**262,973**	**233,681**	**278,817**	-131,873 to -62,168	-36.1% to -17.0%	87,831 to 157,537	60.2% to 108.0%	-160,757 to -91,051	-40.8% to -23.1%
1Q	**1,029,498**	1,075,505	**795,589**	-233,909	-22.7%	-279,916	-26.0%	1,100,919	**393,252**	**393,252**	**393,252**	**393,252**	**393,252**	-636,246	-61.8%	-402,337	-50.6%	-707,667	-64.3%
2Q	**1,139,096**	1,179,403	**154,649**	-984,447	-86.4%	-1,024,753	-86.9%	1,213,316	**565,082**	**565,082**	**554,882**	**551,184**	**638,461**	-587,912 to -574,014	-51.6% to -50.4%	396,535 to 410,433	256.4% to 265.4%	-662,131 to -648,233	-54.6% to -53.4%
3Q	**1,222,228**	1,266,003	**400,946**	-821,282	-67.2%	-865,057	-68.3%	1,315,445	**808,837**	**780,421**	**700,374**	**674,238**	**1,037,159**	-547,990 to -413,392	-44.8% to -33.8%	273,292 to 407,891	68.2% to 101.7%	-641,207 to -506,609	-48.7% to -38.5%
4Q	**1,095,390**	1,126,124	**436,378**	-659,012	-60.2%	-689,747	-61.2%	1,167,306	**871,537**	**728,888**	**737,479**	**670,817**	**896,837**	-424,572 to -223,853	-38.8% to -20.4%	234,439 to 435,159	53.7% to 99.7%	-496,489 to -295,770	-42.5% to -25.3%
Total	**4,486,212**	4,647,034	**1,787,562**	-2,698,650	-60.2%	-2,859,472	-61.5%	4,796,986	**2,638,708**	**2,467,643**	**2,385,987**	**2,289,492**	**2,965,709**	-2,196,720 to -1,847,504	-49.0% to -41.2%	501,930 to 851,146	28.1% to 47.6%	-2,507,494 to -2,158,279	-52.3% to -45.0%

Source: ICAO estimates

Passenger number

Passenger Number (thousand) - World Total International

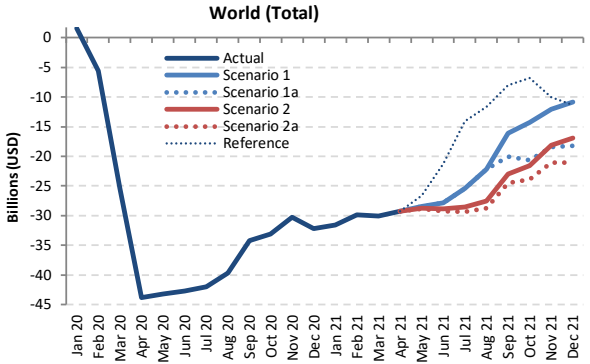
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**138,869**	143,559	**144,651**	5,782	4.2%	1,092	0.8%	146,430	**20,818**	**20,818**	**20,818**	**20,818**	**20,818**	-118,051	-85.0%	-123,833	-85.6%	-125,612	-85.8%
February	**126,274**	134,312	**113,965**	-12,309	-9.7%	-20,347	-15.1%	137,129	**14,779**	**14,779**	**14,779**	**14,779**	**14,779**	-111,495	-88.3%	-99,186	-87.0%	-122,350	-89.2%
March	**143,342**	148,787	**59,947**	-83,396	-58.2%	-88,841	-59.7%	150,771	**18,542**	**18,542**	**18,542**	**18,542**	**18,542**	-124,800	-87.1%	-41,405	-69.1%	-132,229	-87.7%
April	**152,775**	158,563	**3,455**	-149,319	-97.7%	-155,108	-97.8%	163,234	**22,677**	**22,677**	**22,677**	**22,677**	**22,677**	-130,097	-85.2%	19,222	556.3%	-140,556	-86.1%
May	**155,717**	161,145	**4,251**	-151,466	-97.3%	-156,894	-97.4%	164,792	**25,650**	**25,650**	**24,826**	**24,515**	**29,221**	-131,202 to -130,067	-84.3% to -83.5%	20,265 to 21,399	476.7% to 503.4%	-140,277 to -139,143	-85.1% to -84.4%
June	**167,747**	174,732	**8,306**	-159,440	-95.0%	-166,425	-95.2%	180,958	**36,328**	**36,328**	**32,902**	**31,913**	**57,340**	-135,834 to -131,419	-81.0% to -78.3%	23,607 to 28,022	284.2% to 337.4%	-149,045 to -144,630	-82.4% to -79.9%
July	**182,234**	188,889	**22,578**	-159,657	-87.6%	-166,311	-88.0%	196,029	**56,642**	**56,642**	**44,689**	**41,798**	**102,143**	-140,436 to -125,593	-77.1% to -68.9%	19,220 to 34,064	85.1% to 150.9%	-154,231 to -139,388	-78.7% to -71.1%
August	**183,824**	190,357	**31,247**	-152,577	-83.0%	-159,111	-83.6%	197,555	**74,784**	**74,784**	**51,296**	**46,805**	**110,053**	-137,019 to -109,039	-74.5% to -59.3%	15,558 to 43,538	49.8% to 139.3%	-150,750 to -122,771	-76.3% to -62.1%
September	**161,695**	167,106	**24,523**	-137,171	-84.8%	-142,582	-85.3%	172,901	**80,351**	**63,537**	**49,574**	**43,743**	**103,421**	-117,952 to -81,344	-72.9% to -50.3%	19,219 to 55,827	78.4% to 227.6%	-129,158 to -92,550	-74.7% to -53.5%
October	**156,574**	160,000	**22,468**	-134,106	-85.7%	-137,531	-86.0%	164,383	**86,504**	**59,329**	**53,938**	**44,828**	**106,478**	-111,747 to -70,071	-71.4% to -44.8%	22,359 to 64,035	99.5% to 285.0%	-119,556 to -77,880	-72.7% to -47.4%
November	**135,195**	138,497	**16,686**	-118,509	-87.7%	-121,812	-88.0%	142,873	**79,256**	**52,562**	**53,124**	**41,764**	**97,112**	-93,431 to -55,940	-69.1% to -41.4%	25,078 to 62,570	150.3% to 375.0%	-101,109 to -63,618	-70.8% to -44.5%
December	**145,817**	151,856	**22,323**	-123,494	-84.7%	-129,533	-85.3%	158,347	**94,467**	**63,305**	**68,278**	**51,609**	**104,476**	-94,209 to -51,350	-64.6% to -35.2%	29,286 to 72,144	131.2% to 323.2%	-106,738 to -63,880	-67.4% to -40.3%
1Q	**408,486**	426,658	**318,563**	-89,922	-22.0%	-108,095	-25.3%	434,330	**54,139**	**54,139**	**54,139**	**54,139**	**54,139**	-354,346	-86.7%	-264,424	-83.0%	-380,191	-87.5%
2Q	**476,238**	494,440	**16,012**	-460,226	-96.6%	-478,427	-96.8%	508,984	**84,655**	**84,655**	**80,405**	**79,106**	**109,238**	-397,132 to -391,583	-83.4% to -82.2%	63,093 to 68,643	394.0% to 428.7%	-429,878 to -424,329	-84.5% to -83.4%
3Q	**527,753**	546,352	**78,348**	-449,405	-85.2%	-468,004	-85.7%	566,485	**211,777**	**194,962**	**145,559**	**132,346**	**315,617**	-395,407 to -315,976	-74.9% to -59.9%	53,998 to 133,429	68.9% to 170.3%	-434,139 to -354,708	-76.6% to -62.6%
4Q	**437,587**	450,353	**61,477**	-376,110	-86.0%	-388,876	-86.3%	465,604	**260,226**	**175,196**	**175,340**	**138,201**	**308,066**	-299,386 to -177,361	-68.4% to -40.5%	76,724 to 198,749	124.8% to 323.3%	-327,403 to -205,378	-70.3% to -44.1%
Total	**1,850,064**	1,917,803	**474,401**	-1,375,663	-74.4%	-1,443,402	-75.3%	1,975,403	**610,797**	**508,952**	**455,443**	**403,792**	**787,060**	-1,446,272 to -1,239,267	-78.2% to -67.0%	-70,609 to 136,396	-14.9% to 28.8%	-1,571,611 to -1,364,606	-79.6% to -69.1%

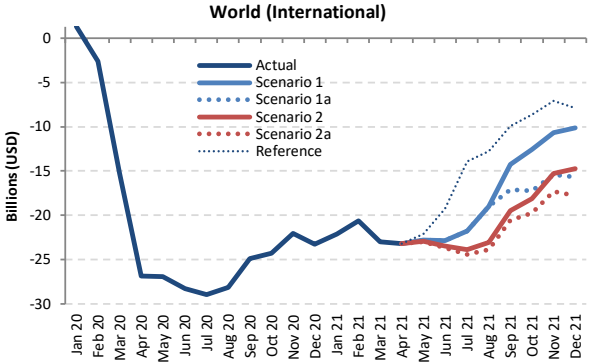
Passenger Number (thousand) - World Total Domestic

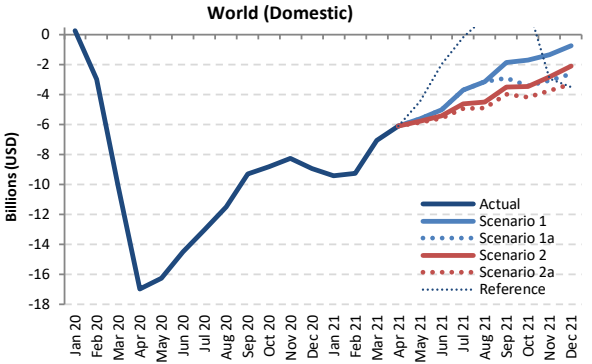
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**205,889**	214,047	**208,110**	2,222	1.1%	-5,937	-2.8%	221,297	**102,743**	**102,743**	**102,743**	**102,743**	**102,743**	-103,146	-50.1%	-105,367	-50.6%	-118,555	-53.6%
February	**195,599**	207,637	**160,207**	-35,392	-18.1%	-47,430	-22.8%	213,449	**93,988**	**93,988**	**93,988**	**93,988**	**93,988**	-101,611	-51.9%	-66,219	-41.3%	-119,461	-56.0%
March	**219,524**	227,163	**108,708**	-110,816	-50.5%	-118,454	-52.1%	231,843	**142,382**	**142,382**	**142,382**	**142,382**	**142,382**	-77,143	-35.1%	33,674	31.0%	-89,461	-38.6%
April	**213,930**	220,134	**27,356**	-186,574	-87.2%	-192,778	-87.6%	226,123	**147,457**	**147,457**	**147,457**	**147,457**	**147,457**	-66,473	-31.1%	120,101	439.0%	-78,666	-34.8%
May	**222,878**	230,346	**43,785**	-179,094	-80.4%	-186,561	-81.0%	237,295	**161,794**	**161,794**	**160,018**	**159,264**	**175,482**	-63,614 to -61,085	-28.5% to -27.4%	115,479 to 118,009	263.7% to 269.5%	-78,031 to -75,501	-32.9% to -31.8%
June	**226,049**	234,483	**67,496**	-158,553	-70.1%	-166,987	-71.2%	240,914	**171,176**	**171,176**	**167,002**	**165,357**	**206,283**	-60,692 to -54,873	-26.8% to -24.3%	97,861 to 103,680	145.0% to 153.6%	-75,556 to -69,737	-31.4% to -28.9%
July	**240,556**	250,431	**98,494**	-142,062	-59.1%	-151,936	-60.7%	261,571	**199,533**	**199,533**	**189,559**	**186,044**	**238,898**	-54,512 to -41,024	-22.7% to -17.1%	87,550 to 101,038	88.9% to 102.6%	-75,527 to -62,038	-28.9% to -23.7%
August	**237,365**	244,225	**110,308**	-127,057	-53.5%	-133,917	-54.8%	252,854	**202,718**	**202,718**	**188,296**	**183,942**	**248,513**	-53,423 to -34,647	-22.5% to -14.6%	73,635 to 92,411	66.8% to 83.8%	-68,912 to -50,136	-27.3% to -19.8%
September	**216,553**	224,995	**113,796**	-102,758	-47.5%	-111,200	-49.4%	234,535	**194,809**	**183,207**	**176,960**	**171,906**	**234,133**	-44,647 to -21,745	-20.6% to -10.0%	58,110 to 81,013	51.1% to 71.2%	-62,629 to -39,726	-26.7% to -16.9%
October	**226,258**	232,206	**130,257**	-96,000	-42.4%	-101,949	-43.9%	241,603	**206,834**	**188,024**	**187,949**	**180,492**	**243,537**	-45,766 to -19,424	-20.2% to -8.6%	50,235 to 76,577	38.6% to 58.8%	-61,110 to -34,769	-25.3% to -14.4%
November	**211,808**	216,711	**121,116**	-90,691	-42.8%	-95,595	-44.1%	224,009	**195,557**	**176,691**	**179,494**	**170,052**	**170,893**	-41,756 to -16,251	-19.7% to -7.7%	48,935 to 74,440	40.4% to 61.5%	-53,957 to -28,452	-24.1% to -12.7%
December	**219,737**	226,854	**123,527**	-96,210	-43.8%	-103,327	-45.5%	236,091	**208,920**	**188,978**	**194,695**	**182,072**	**174,341**	-37,665 to -10,817	-17.1% to -4.9%	58,545 to 85,393	47.4% to 69.1%	-54,019 to -27,171	-22.9% to -11.5%
1Q	**621,012**	648,846	**477,025**	-143,987	-23.2%	-171,821	-26.5%	666,589	**339,113**	**339,113**	**339,113**	**339,113**	**339,113**	-281,900	-45.4%	-137,913	-28.9%	-327,476	-49.1%
2Q	**662,858**	684,963	**138,637**	-524,221	-79.1%	-546,326	-79.8%	704,332	**480,427**	**480,427**	**474,477**	**472,078**	**529,223**	-190,779 to -182,431	-28.8% to -27.5%	333,441 to 341,790	240.5% to 246.5%	-232,254 to -223,905	-33.0% to -31.8%
3Q	**694,475**	719,651	**322,598**	-371,877	-53.5%	-397,053	-55.2%	748,960	**597,060**	**585,458**	**554,815**	**541,893**	**721,543**	-152,583 to -97,415	-22.0% to -14.0%	219,294 to 274,462	68.0% to 85.1%	-207,068 to -151,900	-27.6% to -20.3%
4Q	**657,803**	675,772	**374,901**	-282,902	-43.0%	-300,871	-44.5%	701,703	**611,311**	**553,693**	**562,139**	**532,617**	**588,771**	-125,186 to -46,492	-19.0% to -7.1%	157,716 to 236,410	42.1% to 63.1%	-169,086 to -90,392	-24.1% to -12.9%
Total	**2,636,148**	2,729,232	**1,313,161**	-1,322,987	-50.2%	-1,416,070	-51.9%	2,821,583	**2,027,911**	**1,958,691**	**1,930,543**	**1,885,700**	**2,178,649**	-750,448 to -608,237	-28.5% to -23.1%	572,539 to 714,749	43.6% to 54.4%	-935,883 to -793,673	-33.2% to -28.1%

Source: ICAO estimates

Passenger revenue







Passenger revenue (USD, million) - World Total International + Domestic																	
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**44,644**	46,283	**46,210**	1,566	3.5%	-72	-0.2%	47,585	**13,108**	**13,108**	**13,108**	**13,108**	**13,108**	-31,536	-70.6%	-33,102	-71.6%	-34,477	-72.5%
February	**41,141**	43,681	**35,562**	-5,579	-13.6%	-8,119	-18.6%	44,699	**11,267**	**11,267**	**11,267**	**11,267**	**11,267**	-29,874	-72.6%	-24,295	-68.3%	-33,431	-74.8%
March	**46,611**	48,073	**21,235**	-25,376	-54.4%	-26,838	-55.8%	48,894	**16,569**	**16,569**	**16,569**	**16,569**	**16,569**	-30,042	-64.5%	-4,666	-22.0%	-32,325	-66.1%
April	**47,003**	48,564	**3,172**	-43,831	-93.3%	-45,392	-93.5%	50,020	**17,719**	**17,719**	**17,719**	**17,719**	**17,719**	-29,283	-62.3%	14,547	458.6%	-32,301	-64.6%
May	**48,047**	49,834	**4,877**	-43,170	-89.8%	-44,956	-90.2%	51,311	**19,630**	**19,630**	**19,308**	**19,176**	**21,461**	-28,872 to -28,417	-60.1% to -59.1%	14,299 to 14,753	293.2% to 302.5%	-32,136 to -31,681	-62.6% to -61.7%
June	**50,345**	52,301	**7,599**	-42,746	-84.9%	-44,702	-85.5%	53,994	**22,466**	**22,466**	**21,453**	**21,111**	**29,092**	-29,235 to -27,879	-58.1% to -55.4%	13,511 to 14,867	177.8% to 195.6%	-32,884 to -31,528	-60.9% to -58.4%
July	**54,203**	56,322	**12,219**	-41,984	-77.5%	-44,103	-78.3%	58,751	**28,754**	**28,754**	**25,692**	**24,820**	**40,100**	-29,383 to -25,449	-54.2% to -47.0%	12,601 to 16,535	103.1% to 135.3%	-33,931 to -29,997	-57.8% to -51.1%
August	**54,161**	55,982	**14,485**	-39,675	-73.3%	-41,496	-74.1%	58,190	**32,025**	**32,025**	**26,618**	**25,389**	**42,544**	-28,772 to -22,135	-53.1% to -40.9%	10,903 to 17,540	75.3% to 121.1%	-32,801 to -26,164	-56.4% to -45.0%
September	**48,119**	49,844	**13,940**	-34,179	-71.0%	-35,904	-72.0%	51,888	**31,995**	**28,086**	**25,110**	**23,598**	**40,089**	-24,521 to -16,124	-51.0% to -33.5%	9,658 to 18,055	69.3% to 129.5%	-28,290 to -19,893	-54.5% to -38.3%
October	**48,461**	49,728	**15,354**	-33,107	-68.3%	-34,374	-69.1%	51,626	**34,205**	**27,814**	**26,893**	**24,571**	**41,701**	-23,890 to -14,256	-49.3% to -29.4%	9,217 to 18,851	60.0% to 122.8%	-27,055 to -17,420	-52.4% to -33.7%
November	**44,163**	45,283	**13,861**	-30,302	-68.6%	-31,422	-69.4%	46,948	**32,153**	**25,692**	**26,065**	**23,119**	**34,139**	-21,044 to -12,011	-47.7% to -27.2%	9,258 to 18,292	66.8% to 132.0%	-23,829 to -14,796	-50.8% to -31.5%
December	**47,339**	49,126	**15,113**	-32,226	-68.1%	-34,013	-69.2%	51,402	**36,460**	**29,063**	**30,473**	**26,260**	**35,958**	-21,080 to -10,879	-44.5% to -23.0%	11,146 to 21,347	73.8% to 141.2%	-25,142 to -14,942	-48.9% to -29.1%
1Q	**132,397**	138,036	**103,007**	-29,389	-22.2%	-35,029	-25.4%	141,178	**40,944**	**40,944**	**40,944**	**40,944**	**40,944**	-91,453	-69.1%	-62,063	-60.3%	-100,234	-71.0%
2Q	**145,395**	150,698	**15,649**	-129,747	-89.2%	-135,050	-89.6%	155,326	**59,816**	**59,816**	**58,481**	**58,006**	**68,273**	-87,389 to -85,579	-60.1% to -58.9%	42,357 to 44,168	270.7% to 282.2%	-97,320 to -95,510	-62.7% to -61.5%
3Q	**156,483**	162,148	**40,645**	-115,838	-74.0%	-121,503	-74.9%	168,828	**92,774**	**88,865**	**77,420**	**73,807**	**122,733**	-82,676 to -63,708	-52.8% to -40.7%	33,162 to 52,129	81.6% to 128.3%	-95,021 to -76,054	-56.3% to -45.0%
4Q	**139,964**	144,137	**44,328**	-95,635	-68.3%	-99,808	-69.2%	149,976	**102,818**	**82,568**	**83,431**	**73,950**	**111,798**	-66,014 to -37,146	-47.2% to -26.5%	29,621 to 58,490	66.8% to 131.9%	-76,026 to -47,158	-50.7% to -31.4%
Total	**574,238**	595,019	**203,629**	-370,609	-64.5%	-391,390	-65.8%	615,308	**296,352**	**272,193**	**260,276**	**246,706**	**343,748**	-327,532 to -277,886	-57.0% to -48.4%	43,077 to 92,723	21.2% to 45.5%	-368,601 to -318,956	-59.9% to -51.8%

Source: ICAO estimates

Passenger revenue

Passenger revenue (USD, million) - World Total International

Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**26,170**	27,114	**27,464**	1,294	4.9%	350	1.3%	27,730	**4,043**	**4,043**	**4,043**	**4,043**	**4,043**	-22,127	-84.6%	-23,421	-85.3%	-23,688	-85.4%
February	**23,567**	25,037	**20,977**	-2,590	-11.0%	-4,060	-16.2%	25,499	**2,957**	**2,957**	**2,957**	**2,957**	**2,957**	-20,610	-87.5%	-18,020	-85.9%	-22,542	-88.4%
March	**26,649**	27,457	**11,407**	-15,242	-57.2%	-16,049	-58.5%	27,791	**3,653**	**3,653**	**3,653**	**3,653**	**3,653**	-22,996	-86.3%	-7,754	-68.0%	-24,138	-86.9%
April	**27,581**	28,574	**722**	-26,859	-97.4%	-27,852	-97.5%	29,462	**4,401**	**4,401**	**4,401**	**4,401**	**4,401**	-23,180	-84.0%	3,679	509.8%	-25,061	-85.1%
May	**27,736**	28,837	**842**	-26,894	-97.0%	-27,995	-97.1%	29,655	**4,940**	**4,940**	**4,784**	**4,723**	**5,611**	-23,013 to -22,796	-83.0% to -82.2%	3,881 to 4,098	461.2% to 486.9%	-24,932 to -24,716	-84.1% to -83.3%
June	**29,710**	30,847	**1,470**	-28,240	-95.1%	-29,378	-95.2%	31,949	**6,863**	**6,863**	**6,242**	**6,056**	**10,431**	-23,654 to -22,846	-79.6% to -76.9%	4,586 to 5,394	312.1% to 367.1%	-25,893 to -25,086	-81.0% to -78.5%
July	**32,311**	33,472	**3,343**	-28,968	-89.7%	-30,130	-90.0%	34,838	**10,543**	**10,543**	**8,422**	**7,885**	**18,403**	-24,427 to -21,769	-75.6% to -67.4%	4,542 to 7,200	135.9% to 215.4%	-26,953 to -24,295	-77.4% to -69.7%
August	**32,648**	33,853	**4,483**	-28,164	-86.3%	-29,369	-86.8%	35,268	**13,644**	**13,644**	**9,590**	**8,773**	**19,871**	-23,875 to -19,004	-73.1% to -58.2%	4,289 to 9,160	95.7% to 204.3%	-26,495 to -21,624	-75.1% to -61.3%
September	**28,633**	29,576	**3,763**	-24,869	-86.9%	-25,813	-87.3%	30,724	**14,354**	**11,510**	**9,139**	**8,103**	**18,706**	-20,530 to -14,279	-71.7% to -49.9%	4,340 to 10,591	115.3% to 281.4%	-22,621 to -16,370	-73.6% to -53.3%
October	**28,049**	28,741	**3,752**	-24,297	-86.6%	-24,989	-86.9%	29,790	**15,480**	**10,827**	**9,940**	**8,321**	**19,372**	-19,729 to -12,570	-70.3% to -44.8%	4,568 to 11,727	121.7% to 312.5%	-21,469 to -14,310	-72.1% to -48.0%
November	**25,200**	25,884	**3,166**	-22,033	-87.4%	-22,717	-87.8%	26,912	**14,512**	**9,796**	**9,932**	**7,874**	**18,123**	-17,325 to -10,688	-68.8% to -42.4%	4,708 to 11,345	148.7% to 358.3%	-19,038 to -12,401	-70.7% to -46.1%
December	**27,503**	28,613	**4,226**	-23,277	-84.6%	-24,387	-85.2%	29,975	**17,377**	**11,845**	**12,741**	**9,729**	**19,604**	-17,774 to -10,127	-64.6% to -36.8%	5,503 to 13,151	130.2% to 311.2%	-20,246 to -12,598	-67.5% to -42.0%
1Q	**76,386**	79,608	**59,849**	-16,538	-21.7%	-19,759	-24.8%	81,021	**10,654**	**10,654**	**10,654**	**10,654**	**10,654**	-65,733	-86.1%	-49,195	-82.2%	-70,367	-86.9%
2Q	**85,026**	88,258	**3,033**	-81,993	-96.4%	-85,225	-96.6%	91,066	**16,204**	**16,204**	**15,427**	**15,180**	**20,443**	-69,847 to -68,822	-82.1% to -80.9%	12,147 to 13,171	400.5% to 434.3%	-75,887 to -74,862	-83.3% to -82.2%
3Q	**93,592**	96,901	**11,589**	-82,002	-87.6%	-85,312	-88.0%	100,829	**38,540**	**35,696**	**27,151**	**24,760**	**56,979**	-68,832 to -55,051	-73.5% to -58.8%	13,171 to 26,951	113.6% to 232.6%	-76,069 to -62,289	-75.4% to -61.8%
4Q	**80,753**	83,238	**11,145**	-69,608	-86.2%	-72,094	-86.6%	86,677	**47,368**	**32,468**	**32,613**	**25,924**	**57,099**	-54,828 to -33,384	-67.9% to -41.3%	14,779 to 36,223	132.6% to 325.0%	-60,753 to -39,309	-70.1% to -45.4%
Total	**335,757**	348,005	**85,615**	-250,141	-74.5%	-262,390	-75.4%	359,593	**112,766**	**95,022**	**85,844**	**76,517**	**145,176**	-259,240 to -222,991	-77.2% to -66.4%	-9,098 to 27,151	-10.6% to 31.7%	-283,076 to -246,828	-78.7% to -68.6%

Passenger revenue (USD, million) - World Total Domestic

Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**18,474**	19,168	**18,746**	272	1.5%	-422	-2.2%	19,855	**9,065**	**9,065**	**9,065**	**9,065**	**9,065**	-9,409	-50.9%	-9,681	-51.6%	-10,790	-54.3%
February	**17,574**	18,644	**14,585**	-2,989	-17.0%	-4,059	-21.8%	19,199	**8,310**	**8,310**	**8,310**	**8,310**	**8,310**	-9,264	-52.7%	-6,275	-43.0%	-10,889	-56.7%
March	**19,962**	20,616	**9,828**	-10,134	-50.8%	-10,789	-52.3%	21,103	**12,915**	**12,915**	**12,915**	**12,915**	**12,915**	-7,047	-35.3%	3,088	31.4%	-8,187	-38.8%
April	**19,422**	19,990	**2,450**	-16,971	-87.4%	-17,540	-87.7%	20,559	**13,319**	**13,319**	**13,319**	**13,319**	**13,319**	-6,103	-31.4%	10,868	443.5%	-7,240	-35.2%
May	**20,312**	20,997	**4,036**	-16,276	-80.1%	-16,961	-80.8%	21,656	**14,690**	**14,690**	**14,524**	**14,453**	**15,850**	-5,859 to -5,621	-28.8% to -27.7%	10,417 to 10,655	258.1% to 264.0%	-7,203 to -6,965	-33.3% to -32.2%
June	**20,635**	21,454	**6,130**	-14,506	-70.3%	-15,324	-71.4%	22,045	**15,603**	**15,603**	**15,211**	**15,055**	**18,661**	-5,581 to -5,032	-27.0% to -24.4%	8,925 to 9,473	145.6% to 154.5%	-6,990 to -6,442	-31.7% to -29.2%
July	**21,892**	22,850	**8,876**	-13,016	-59.5%	-13,974	-61.2%	23,913	**18,211**	**18,211**	**17,270**	**16,936**	**21,697**	-4,956 to -3,681	-22.6% to -16.8%	8,059 to 9,335	90.8% to 105.2%	-6,978 to -5,702	-29.2% to -23.8%
August	**21,513**	22,129	**10,002**	-11,511	-53.5%	-12,127	-54.8%	22,922	**18,382**	**18,382**	**17,028**	**16,616**	**22,673**	-4,897 to -3,131	-22.8% to -14.6%	6,614 to 8,379	66.1% to 83.8%	-6,306 to -4,540	-27.5% to -19.8%
September	**19,486**	20,267	**10,177**	-9,309	-47.8%	-10,090	-49.8%	21,164	**17,641**	**16,575**	**15,971**	**15,495**	**21,383**	-3,991 to -1,845	-20.5% to -9.5%	5,318 to 7,464	52.3% to 73.3%	-5,669 to -3,523	-26.8% to -16.6%
October	**20,412**	20,987	**11,602**	-8,810	-43.2%	-9,385	-44.7%	21,836	**18,725**	**16,987**	**16,953**	**16,250**	**22,329**	-4,162 to -1,686	-20.4% to -8.3%	4,648 to 7,124	40.1% to 61.4%	-5,585 to -3,110	-25.6% to -14.2%
November	**18,963**	19,399	**10,695**	-8,269	-43.6%	-8,704	-44.9%	20,036	**17,641**	**15,895**	**16,133**	**15,245**	**16,016**	-3,718 to -1,323	-19.6% to -7.0%	4,550 to 6,946	42.5% to 65.0%	-4,791 to -2,395	-23.9% to -12.0%
December	**19,836**	20,513	**10,887**	-8,949	-45.1%	-9,625	-46.9%	21,427	**19,084**	**17,217**	**17,732**	**16,531**	**16,354**	-3,305 to -752	-16.7% to -3.8%	5,643 to 8,196	51.8% to 75.3%	-4,896 to -2,343	-22.9% to -10.9%
1Q	**56,010**	58,428	**43,159**	-12,852	-22.9%	-15,269	-26.1%	60,157	**30,290**	**30,290**	**30,290**	**30,290**	**30,290**	-25,720	-45.9%	-12,868	-29.8%	-29,866	-49.6%
2Q	**60,369**	62,441	**12,616**	-47,753	-79.1%	-49,825	-79.8%	64,260	**43,612**	**43,612**	**43,054**	**42,826**	**47,830**	-17,543 to -16,757	-29.1% to -27.8%	30,210 to 30,997	239.5% to 245.7%	-21,434 to -20,647	-33.4% to -32.1%
3Q	**62,891**	65,247	**29,056**	-33,835	-53.8%	-36,191	-55.5%	67,999	**54,234**	**53,168**	**50,269**	**49,047**	**65,753**	-13,844 to -8,657	-22.0% to -13.8%	19,992 to 25,178	68.8% to 86.7%	-18,952 to -13,765	-27.9% to -20.2%
4Q	**59,211**	60,899	**33,184**	-26,028	-44.0%	-27,715	-45.5%	63,299	**55,450**	**50,100**	**50,818**	**48,026**	**54,699**	-11,186 to -3,761	-18.9% to -6.4%	14,842 to 22,266	44.7% to 67.1%	-15,273 to -7,849	-24.1% to -12.4%
Total	**238,482**	247,014	**118,014**	-120,468	-50.5%	-129,000	-52.2%	255,714	**183,586**	**177,171**	**174,432**	**170,189**	**198,572**	-68,292 to -54,895	-28.6% to -23.0%	52,176 to 65,573	44.2% to 55.6%	-85,525 to -72,128	-33.4% to -28.2%

Source: ICAO estimates

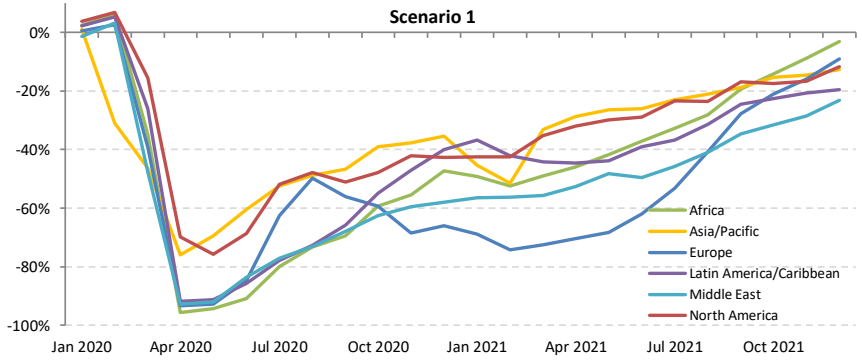
Estimated 2020 Results and 2021 Outlook: Region Breakdown

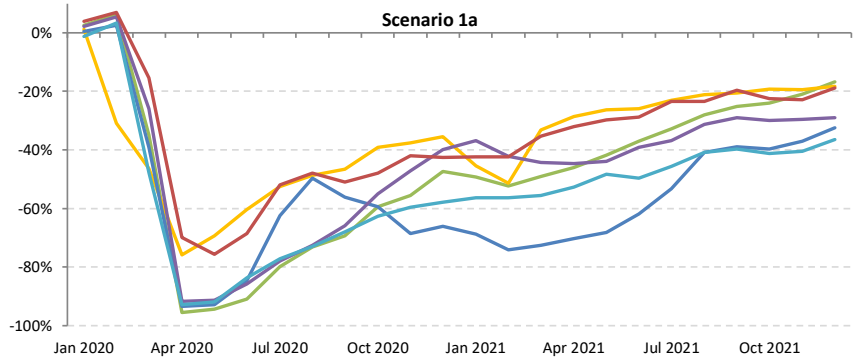
2021 figures and estimates herein reflect the latest operational data and schedules filed by airlines but are **subject to substantial changes**, and will be updated with the situation evolving and more information available.

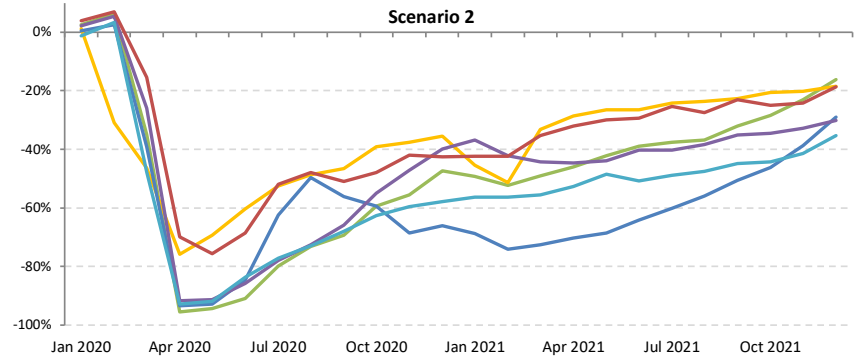
Breakdown by ICAO statistical region

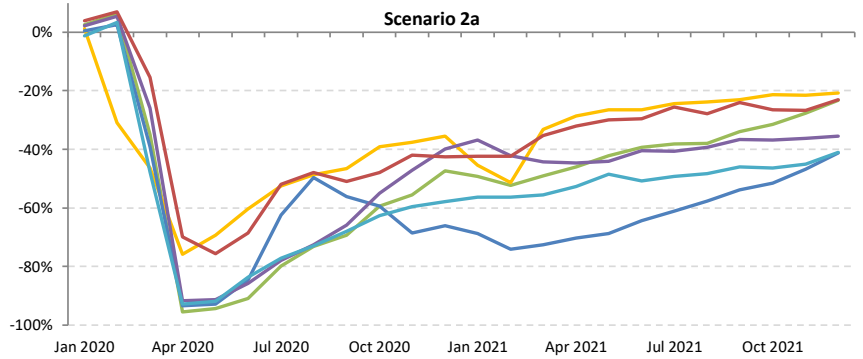
- Regional breakdown follows ICAO's six (6) statistical regions (Doc 9060)
- The same key impact indicators are presented under four (4) paths of two (2) scenarios, in comparison to Baseline scenario, 2019 level and 2020 level, and by international and domestic, as well as month, quarter and year
- To avoid double counting:
  - Number of "international" passengers departing from each country and territory are aggregated in each region
  - Gross passenger operating revenues of all airlines serving "international" routes from each country and territory are aggregated at regional level
- **Appendix C** presents actual results from January to November 2020 by route group (40 international and 10 domestic route groups)

Seat capacity change compared to 2019: International + Domestic



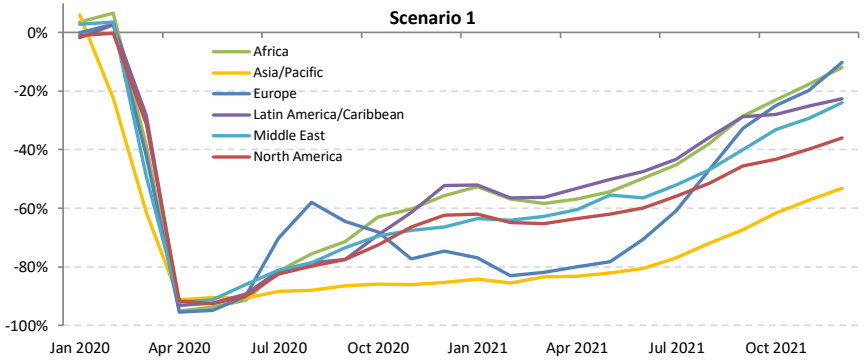


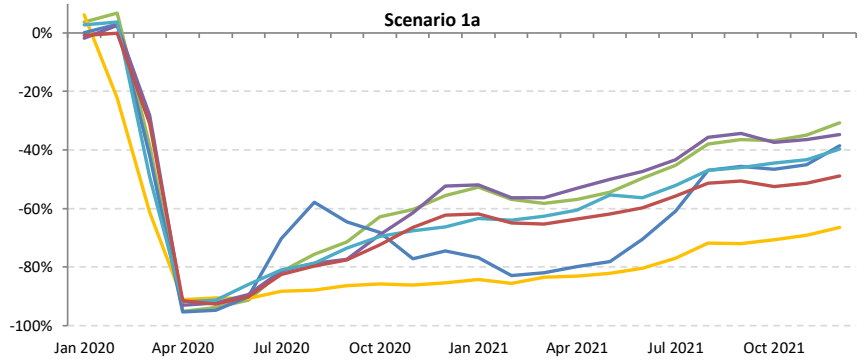


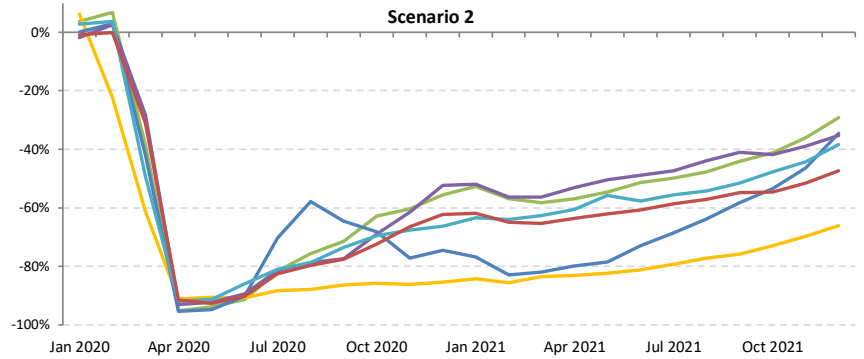


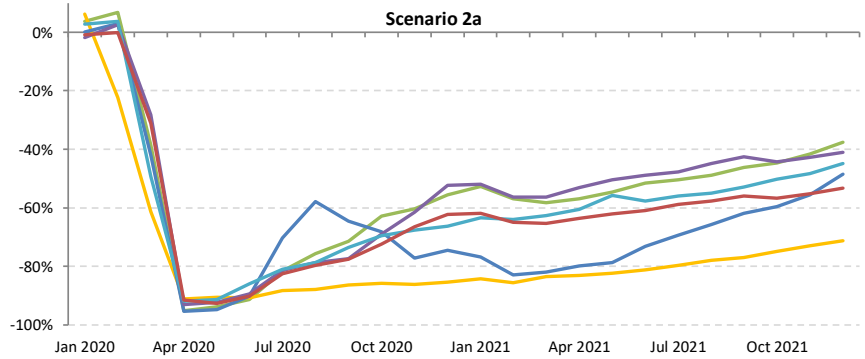
Source: ICAO estimates based on ICAO ADS-B, OAG, Routes Online and airline websites

Seat capacity change compared to 2019: International



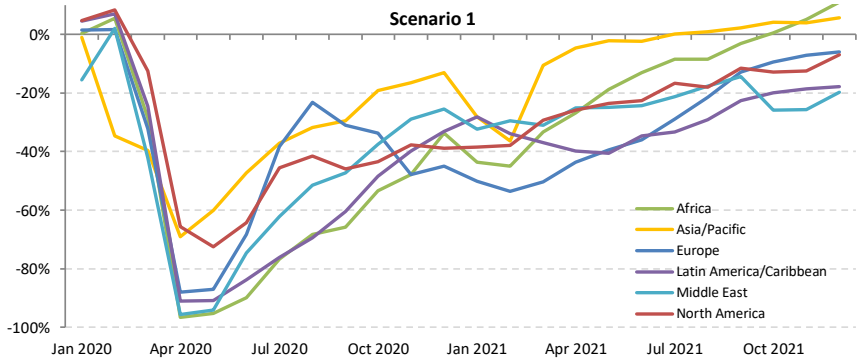


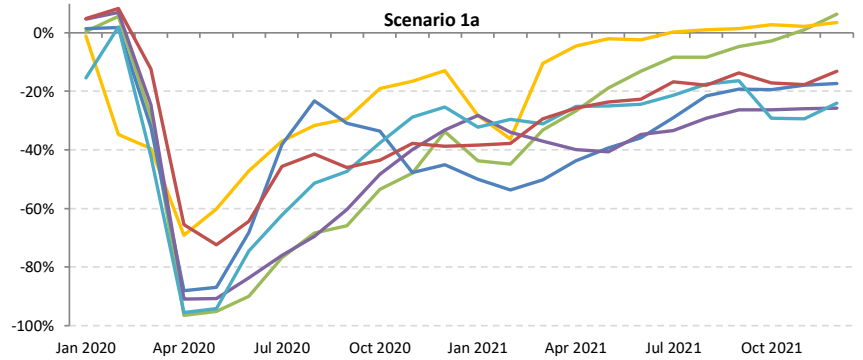


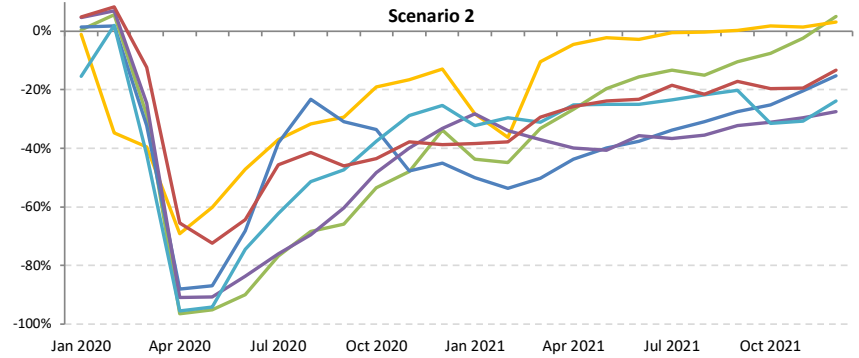


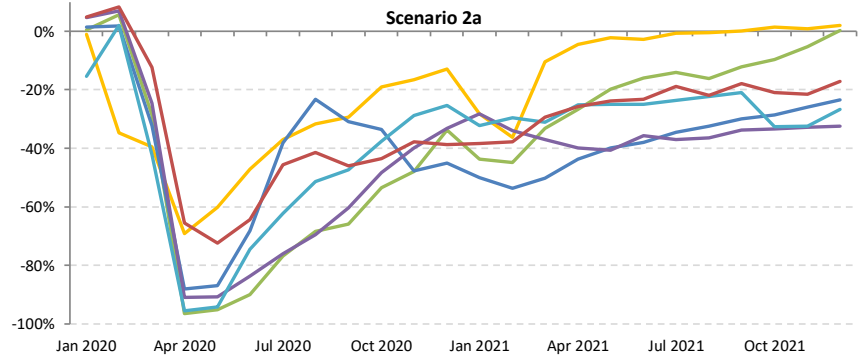
Source: ICAO estimates based on ICAO ADS-B, OAG, Routes Online and airline websites

Seat capacity change compared to 2019: Domestic



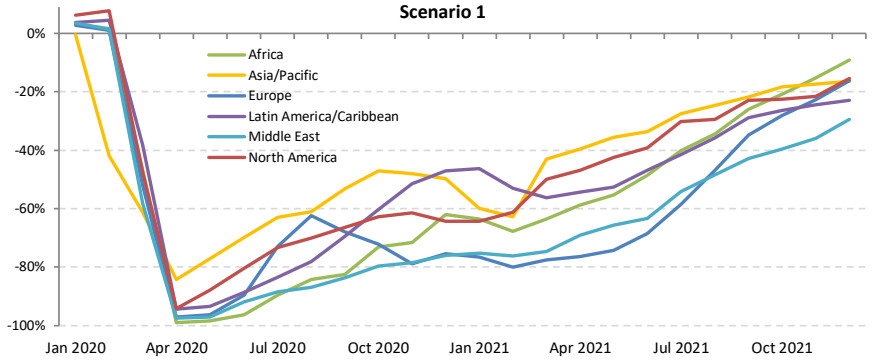


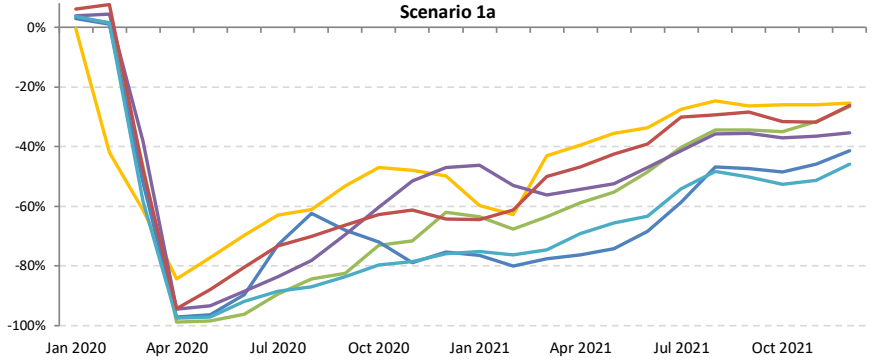


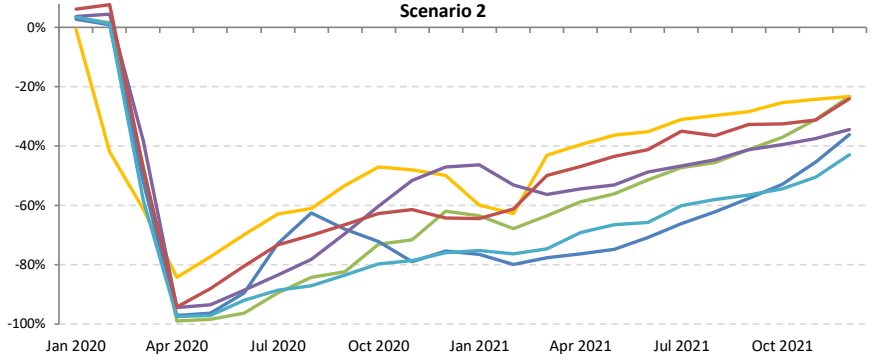


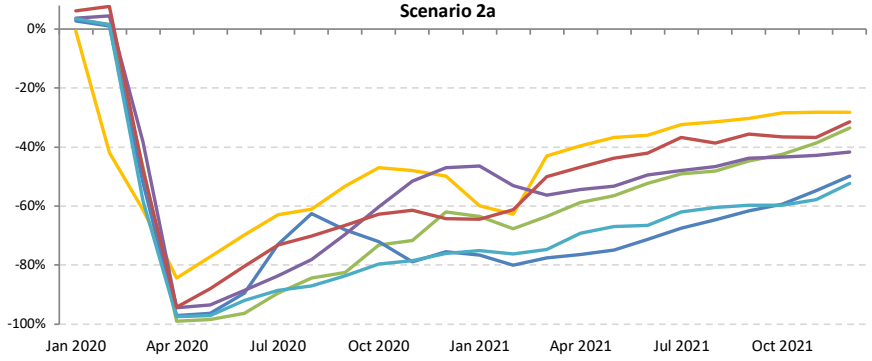
Source: ICAO estimates based on ICAO ADS-B, OAG, Routes Online and airline websites

Passenger number change compared to 2019: International + Domestic



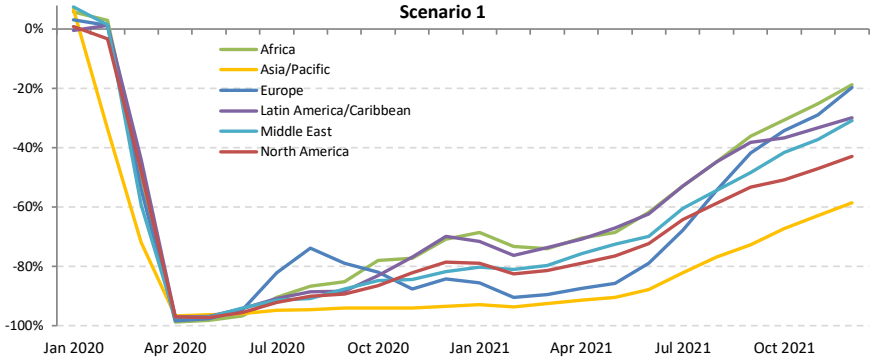


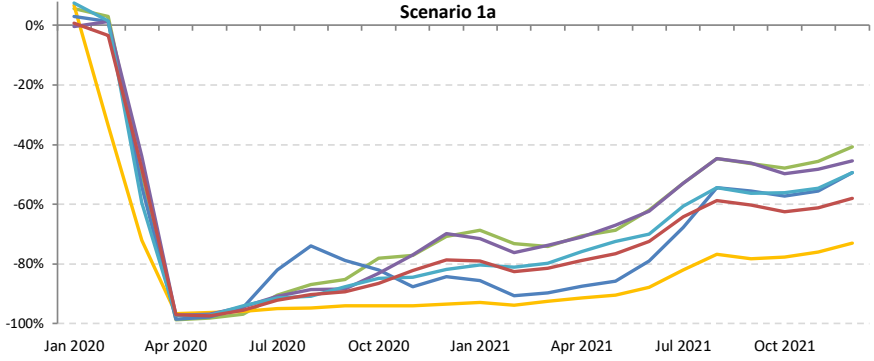


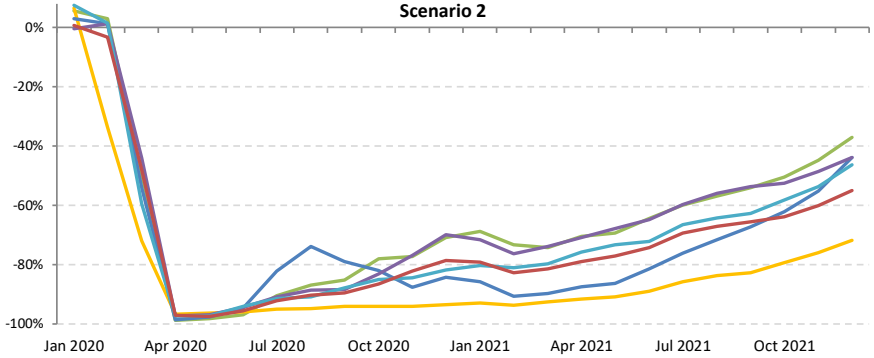


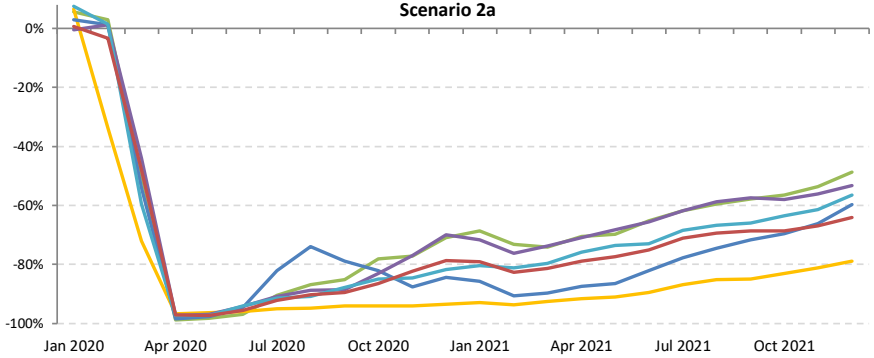
Source: ICAO estimates based on ICAO ADS-B, OAG, ICAO LTF, ICAO Statistical Reporting, IATA Economics, and IMF/World Bank Economic Outlook

Passenger number change compared to 2019: International

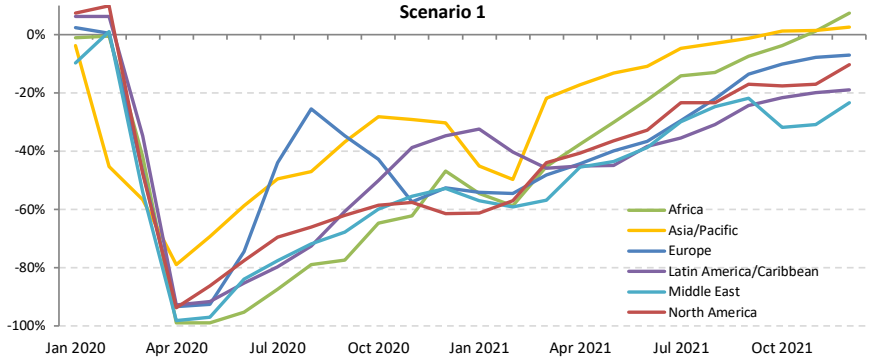


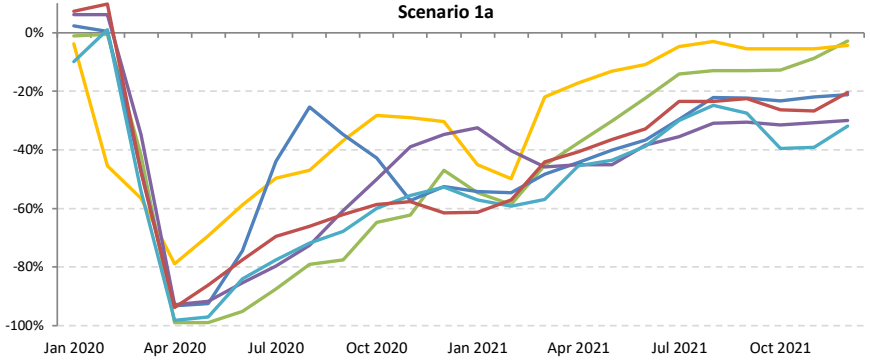


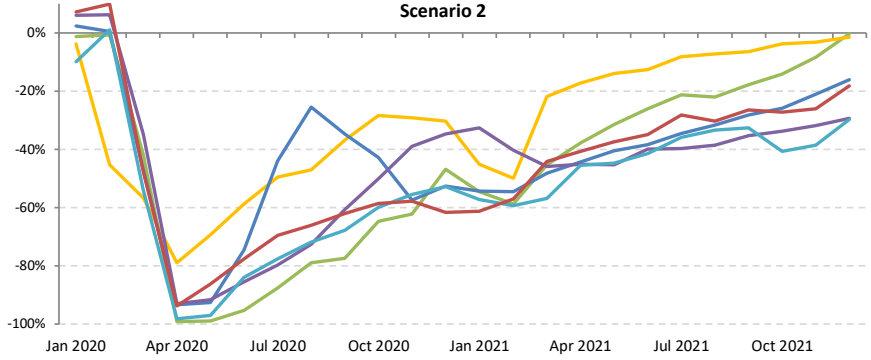


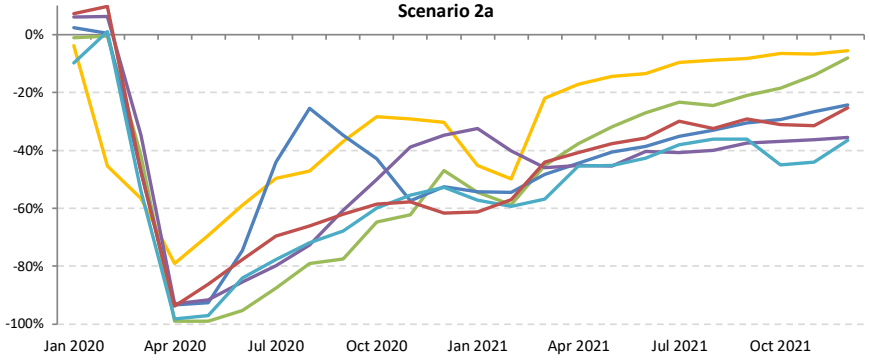


Passenger number change compared to 2019: Domestic



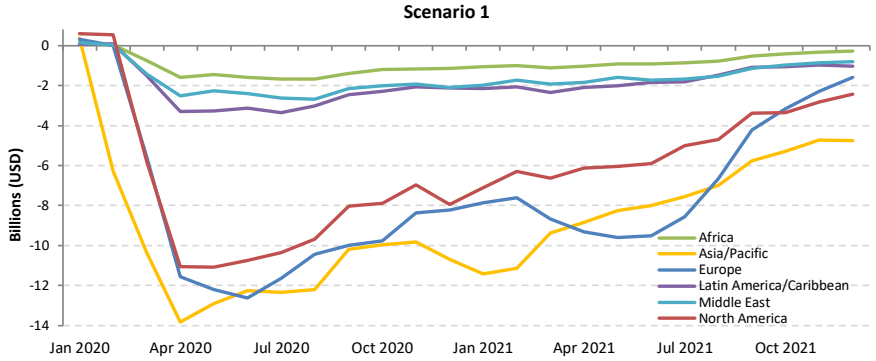


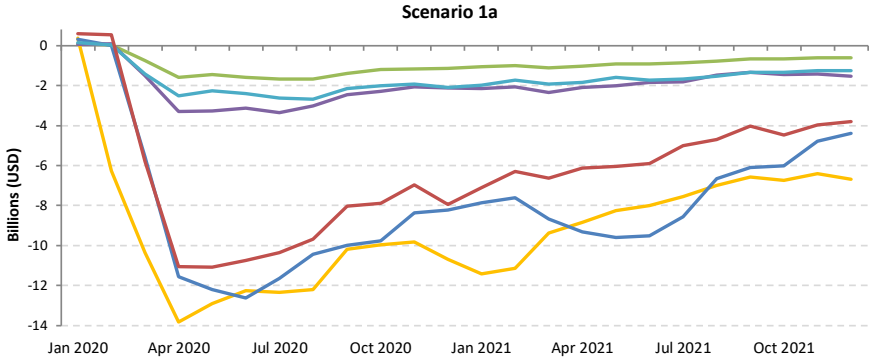


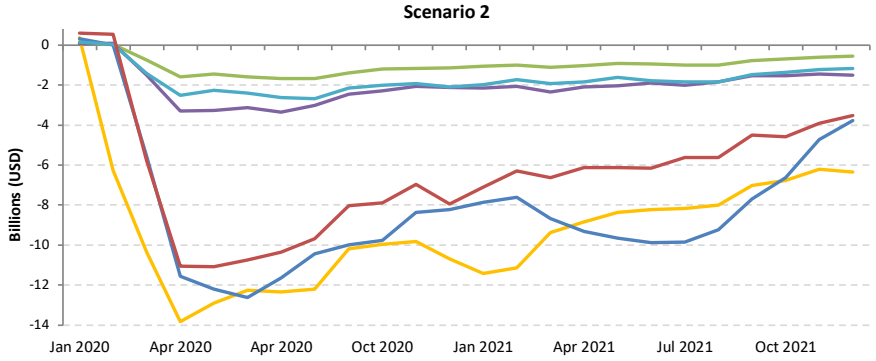


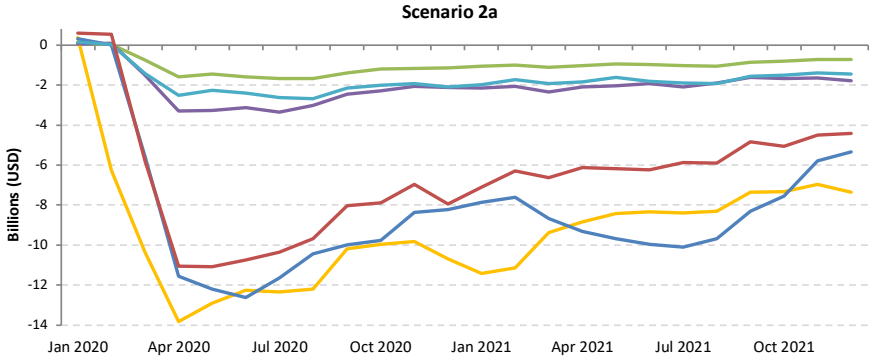
Source: ICAO estimates based on ICAO ADS-B, OAG, ICAO LTF, ICAO Statistical Reporting, IATA Economics, and IMF/World Bank Economic Outlook

Passenger revenue change compared to 2019: International + Domestic



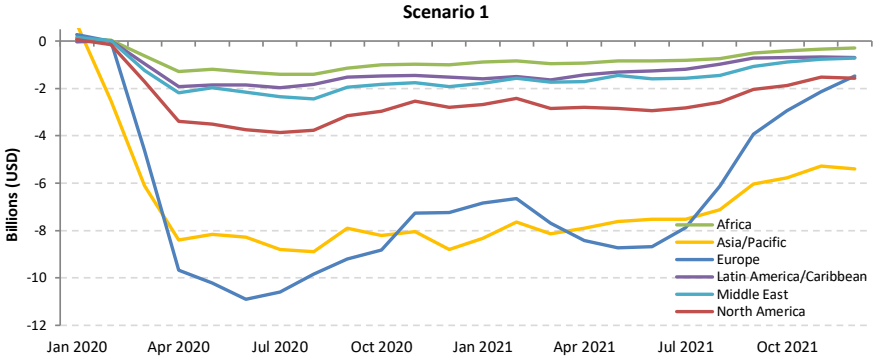


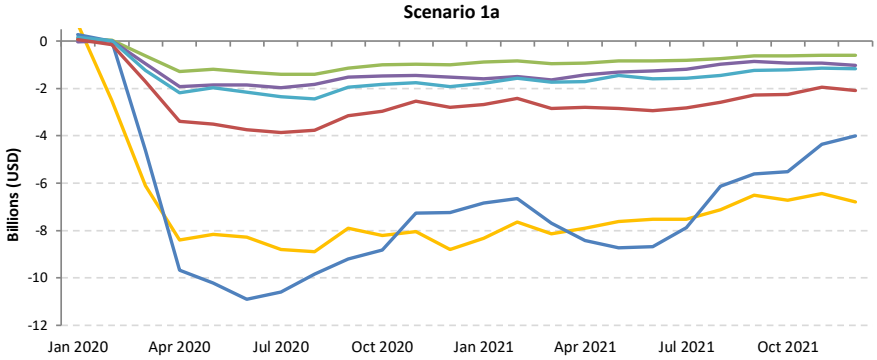


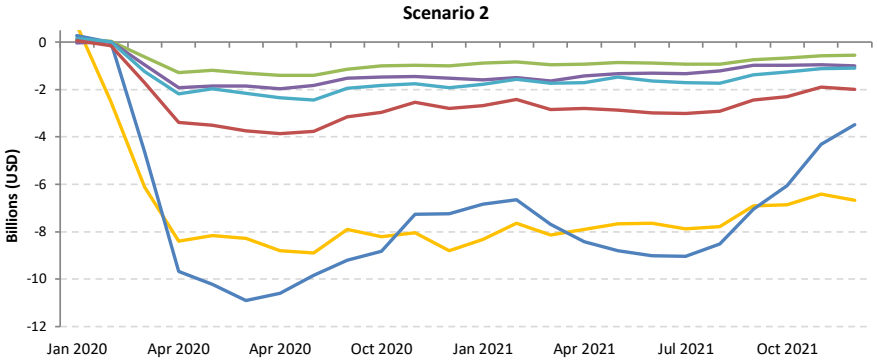


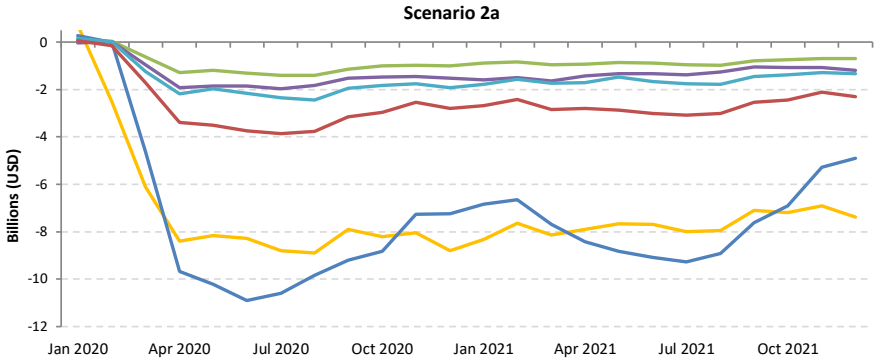
Source: ICAO estimates based on ICAO ADS-B, OAG, ICAO-ICM MIDT, ICAO LTF, ICAO RCA, IATA Economics, and IMF/World Bank Economic Outlook

Passenger revenue change compared to 2019: International



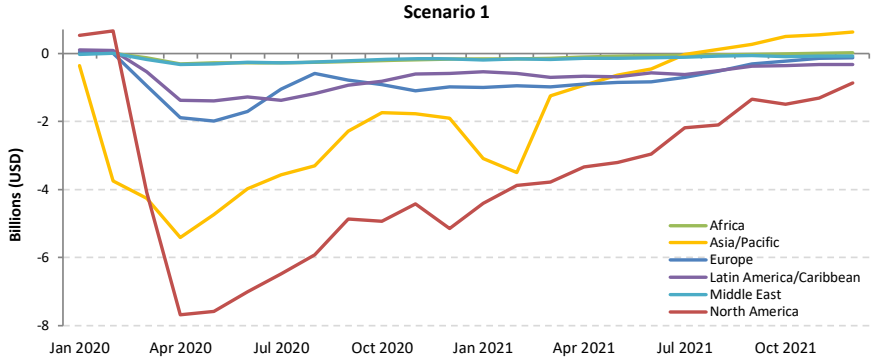


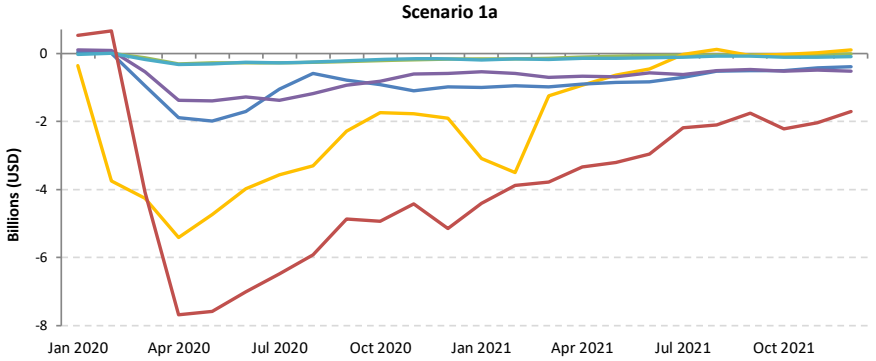


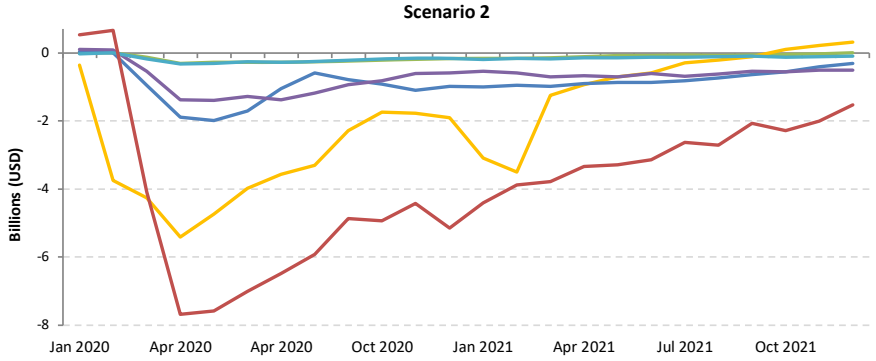


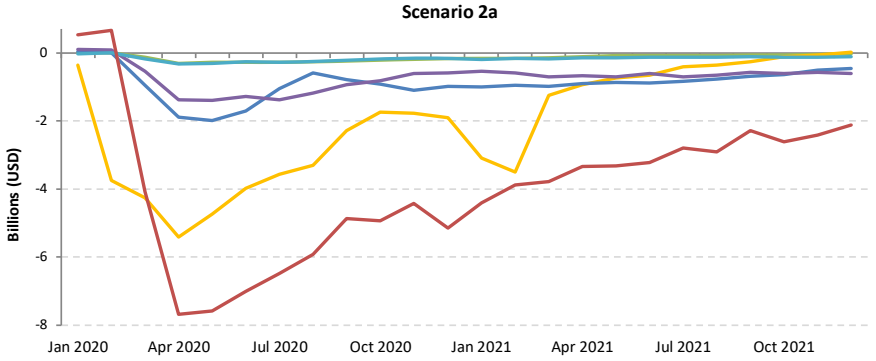
Source: ICAO estimates based on ICAO ADS-B, OAG, ICAO-ICM MIDT, ICAO LTF, ICAO RCA, IATA Economics, and IMF/World Bank Economic Outlook

Passenger revenue change compared to 2019: Domestic







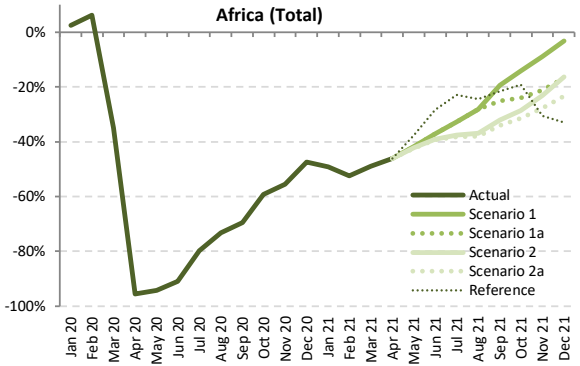


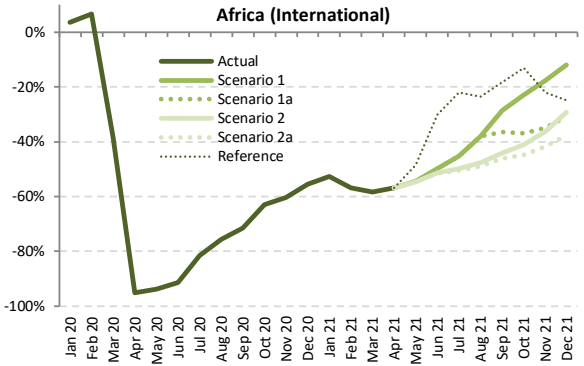
Source: ICAO estimates based on ICAO ADS-B, OAG, ICAO-ICM MIDT, ICAO LTF, ICAO RCA, IATA Economics, and IMF/World Bank Economic Outlook

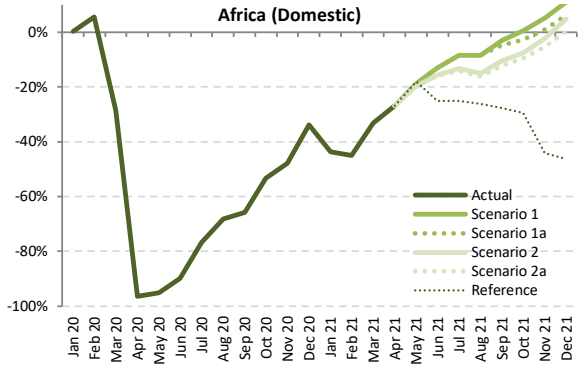
Africa

Compared to 2019	Seat capacity (%)			Passenger number (thousand)						Passenger revenue (USD, million)		
	Total	International	Domestic	Total		International		Domestic		Total	International	Domestic
1Q 2020	-9.2%	-10.0%	-7.9%	-3,972	-14.7%	-2,446	-14.4%	-1,526	-15.2%	-639	-501	-138
2Q 2020	-93.6%	-93.4%	-93.9%	-27,060	-97.9%	-17,663	-97.9%	-9,396	-97.8%	-4,633	-3,781	-852
3Q 2020	-74.3%	-76.3%	-70.3%	-27,056	-85.5%	-18,436	-87.6%	-8,620	-81.3%	-4,719	-3,938	-781
4Q 2020	-54.0%	-59.6%	-44.9%	-19,819	-68.7%	-13,604	-75.3%	-6,215	-57.7%	-3,528	-2,964	-563
Total 2020	**-58.3%**	**-60.8%**	**-53.7%**	**-77,907**	**-67.7%**	**-52,150**	**-70.4%**	**-25,757**	**-62.8%**	**-13,519**	**-11,184**	**-2,335**
1Q 2021	-50.2%	-55.9%	-40.5%	-17,492	-64.8%	-12,203	-72.0%	-5,289	-52.6%	-3,154	-2,674	-479
2Q 2021	-42.5% to -41.6%	-54.3% to -53.6%	-20.9% to -19.6%	-15,439 to -14,974	-55.8% to -54.2%	-12,330 to -12,069	-68.4% to -66.9%	-3,109 to -2,905	-32.4% to -30.2%	-2,931 to -2,856	-2,649 to -2,593	-282 to -263
3Q 2021	-36.8% to -26.9%	-48.6% to -37.5%	-14.1% to -6.6%	-15,018 to -10,694	-47.5% to -33.8%	-12,583 to -9,465	-59.8% to -45.0%	-2,435 to -1,229	-23.0% to -11.6%	-2,923 to -2,150	-2,702 to -2,038	-221 to -111
4Q 2021	-27.5% to -8.6%	-41.3% to -17.4%	-4.8% to 5.7%	-10,995 to -4,289	-38.1% to -14.9%	-9,550 to -4,467	-52.8% to -24.7%	-1,445 to 178	-13.4% to 1.7%	-2,254 to -1,025	-2,123 to -1,041	-131 to 16
Total 2021	**-39.0% to -31.3%**	**-49.9% to -40.8%**	**-19.7% to -14.7%**	**-58,944 to -47,449**	**-51.2% to -41.2%**	**-46,665 to -38,203**	**-63.0% to -51.5%**	**-12,278 to -9,246**	**-29.9% to -22.5%**	**-11,261 to -9,184**	**-10,148 to -8,346**	**-1,113 to -838**

Seat capacity







Seat Capacity (thousand) - Africa International + Domestic

Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**13,048**	13,971	**13,368**	320	2.5%	-603	-4.3%	14,486	**6,618**	**6,618**	**6,618**	**6,618**	**6,618**	-6,430	-49.3%	-6,750	-50.5%	-7,868	-54.3%
February	**11,569**	12,824	**12,294**	725	6.3%	-529	-4.1%	13,282	**5,509**	**5,509**	**5,509**	**5,509**	**5,509**	-6,059	-52.4%	-6,785	-55.2%	-7,773	-58.5%
March	**12,882**	13,758	**8,384**	-4,497	-34.9%	-5,374	-39.1%	14,009	**6,564**	**6,564**	**6,564**	**6,564**	**6,564**	-6,318	-49.0%	-1,821	-21.7%	-7,445	-53.1%
April	**12,589**	13,368	**550**	-12,039	-95.6%	-12,818	-95.9%	13,896	**6,795**	**6,795**	**6,795**	**6,795**	**6,795**	-5,794	-46.0%	6,245	1135.5%	-7,101	-51.1%
May	**12,387**	13,285	**704**	-11,684	-94.3%	-12,581	-94.7%	13,918	**7,215**	**7,215**	**7,157**	**7,148**	**7,725**	-5,239 to -5,172	-42.3% to -41.8%	6,445 to 6,512	915.8% to 925.3%	-6,769 to -6,703	-48.6% to -48.2%
June	**12,962**	13,923	**1,175**	-11,787	-90.9%	-12,748	-91.6%	14,701	**8,154**	**8,154**	**7,904**	**7,870**	**9,279**	-5,092 to -4,808	-39.3% to -37.1%	6,695 to 6,979	569.8% to 594.0%	-6,831 to -6,547	-46.5% to -44.5%
July	**14,134**	14,843	**2,838**	-11,296	-79.9%	-12,005	-80.9%	15,724	**9,498**	**9,498**	**8,827**	**8,737**	**10,885**	-5,397 to -4,635	-38.2% to -32.8%	5,899 to 6,661	207.9% to 234.7%	-6,987 to -6,226	-44.4% to -39.6%
August	**14,479**	15,014	**3,881**	-10,598	-73.2%	-11,134	-74.2%	15,784	**10,414**	**10,414**	**9,149**	**8,986**	**10,950**	-5,493 to -4,065	-37.9% to -28.1%	5,105 to 6,533	131.5% to 168.3%	-6,798 to -5,371	-43.1% to -34.0%
September	**13,374**	14,050	**4,086**	-9,287	-69.4%	-9,964	-70.9%	14,794	**10,775**	**10,016**	**9,092**	**8,832**	**10,474**	-4,542 to -2,598	-34.0% to -19.4%	4,745 to 6,689	116.1% to 163.7%	-5,962 to -4,018	-40.3% to -27.2%
October	**13,313**	13,964	**5,413**	-7,900	-59.3%	-8,550	-61.2%	14,621	**11,435**	**10,110**	**9,520**	**9,119**	**10,752**	-4,194 to -1,878	-31.5% to -14.1%	3,706 to 6,022	68.5% to 111.2%	-5,502 to -3,186	-37.6% to -21.8%
November	**12,870**	13,666	**5,721**	-7,149	-55.5%	-7,944	-58.1%	14,369	**11,731**	**10,162**	**9,889**	**9,305**	**8,935**	-3,565 to -1,139	-27.7% to -8.8%	3,584 to 6,010	62.6% to 105.0%	-5,064 to -2,638	-35.2% to -18.4%
December	**13,763**	14,829	**7,245**	-6,518	-47.4%	-7,583	-51.1%	15,825	**13,325**	**11,456**	**11,526**	**10,548**	**9,223**	-3,215 to -438	-23.4% to -3.2%	3,303 to 6,080	45.6% to 83.9%	-5,277 to -2,499	-33.3% to -15.8%
1Q	**37,498**	40,553	**34,047**	-3,452	-9.2%	-6,507	-16.0%	41,777	**18,691**	**18,691**	**18,691**	**18,691**	**18,691**	-18,807	-50.2%	-15,356	-45.1%	-23,086	-55.3%
2Q	**37,938**	40,575	**2,429**	-35,510	-93.6%	-38,147	-94.0%	42,515	**22,164**	**22,164**	**21,856**	**21,813**	**23,799**	-16,125 to -15,774	-42.5% to -41.6%	19,385 to 19,736	798.2% to 812.6%	-20,701 to -20,350	-48.7% to -47.9%
3Q	**41,986**	43,907	**10,805**	-31,181	-74.3%	-33,102	-75.4%	46,302	**30,687**	**29,928**	**27,068**	**26,554**	**32,309**	-15,432 to -11,299	-36.8% to -26.9%	15,750 to 19,882	145.8% to 184.0%	-19,747 to -15,615	-42.6% to -33.7%
4Q	**39,946**	42,458	**18,380**	-21,567	-54.0%	-24,078	-56.7%	44,814	**36,492**	**31,728**	**30,936**	**28,972**	**28,910**	-10,975 to -3,455	-27.5% to -8.6%	10,592 to 18,112	57.6% to 98.5%	-15,842 to -8,322	-35.4% to -18.6%
Total	**157,369**	167,493	**65,660**	-91,709	-58.3%	-101,833	-60.8%	175,407	**108,034**	**102,511**	**98,551**	**96,030**	**103,709**	-61,339 to -49,335	-39.0% to -31.3%	30,371 to 42,374	46.3% to 64.5%	-79,377 to -67,373	-45.3% to -38.4%

Source: ICAO estimates

Seat capacity

Seat Capacity (thousand) - Africa International

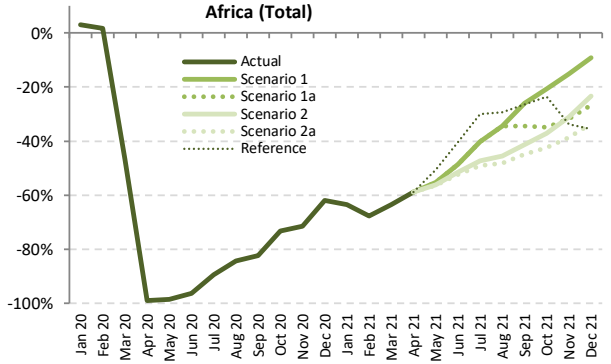
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**8,171**	8,853	**8,471**	300	3.7%	-382	-4.3%	9,075	**3,869**	**3,869**	**3,869**	**3,869**	**3,869**	-4,301	-52.6%	-4,601	-54.3%	-5,206	-57.4%
February	**7,203**	8,142	**7,688**	485	6.7%	-454	-5.6%	8,400	**3,106**	**3,106**	**3,106**	**3,106**	**3,106**	-4,097	-56.9%	-4,582	-59.6%	-5,294	-63.0%
March	**8,114**	8,793	**4,981**	-3,133	-38.6%	-3,812	-43.3%	8,903	**3,382**	**3,382**	**3,382**	**3,382**	**3,382**	-4,733	-58.3%	-1,600	-32.1%	-5,521	-62.0%
April	**8,048**	8,741	**393**	-7,655	-95.1%	-8,348	-95.5%	9,245	**3,468**	**3,468**	**3,468**	**3,468**	**3,468**	-4,580	-56.9%	3,075	782.6%	-5,777	-62.5%
May	**7,984**	8,719	**495**	-7,489	-93.8%	-8,224	-94.3%	9,285	**3,641**	**3,641**	**3,618**	**3,615**	**4,119**	-4,369 to -4,343	-54.7% to -54.4%	3,120 to 3,146	630.6% to 636.0%	-5,670 to -5,644	-61.1% to -60.8%
June	**8,495**	9,291	**727**	-7,768	-91.4%	-8,564	-92.2%	9,964	**4,271**	**4,271**	**4,134**	**4,117**	**5,930**	-4,378 to -4,225	-51.5% to -49.7%	3,390 to 3,544	466.4% to 487.5%	-5,846 to -5,693	-58.7% to -57.1%
July	**9,364**	9,969	**1,731**	-7,634	-81.5%	-8,238	-82.6%	10,680	**5,128**	**5,128**	**4,690**	**4,638**	**7,307**	-4,726 to -4,236	-50.5% to -45.2%	2,907 to 3,398	168.0% to 196.3%	-6,042 to -5,552	-56.6% to -52.0%
August	**9,643**	10,171	**2,349**	-7,294	-75.6%	-7,822	-76.9%	10,869	**5,986**	**5,986**	**5,040**	**4,931**	**7,375**	-4,712 to -3,657	-48.9% to -37.9%	2,582 to 3,637	110.0% to 154.9%	-5,938 to -4,883	-54.6% to -44.9%
September	**8,574**	9,168	**2,448**	-6,126	-71.5%	-6,721	-73.3%	9,750	**6,121**	**5,445**	**4,796**	**4,616**	**7,005**	-3,958 to -2,453	-46.2% to -28.6%	2,168 to 3,673	88.6% to 150.1%	-5,134 to -3,629	-52.7% to -37.2%
October	**8,296**	8,800	**3,075**	-5,221	-62.9%	-5,725	-65.1%	9,269	**6,392**	**5,234**	**4,880**	**4,584**	**7,215**	-3,712 to -1,904	-44.7% to -23.0%	1,509 to 3,317	49.1% to 107.9%	-4,685 to -2,877	-50.5% to -31.0%
November	**7,916**	8,486	**3,140**	-4,776	-60.3%	-5,346	-63.0%	8,914	**6,519**	**5,156**	**5,053**	**4,613**	**6,165**	-3,303 to -1,397	-41.7% to -17.6%	1,473 to 3,379	46.9% to 107.6%	-4,302 to -2,395	-48.3% to -26.9%
December	**8,562**	9,275	**3,799**	-4,762	-55.6%	-5,476	-59.0%	9,853	**7,547**	**5,927**	**6,064**	**5,333**	**6,428**	-3,228 to -1,015	-37.7% to -11.9%	1,534 to 3,747	40.4% to 98.6%	-4,520 to -2,307	-45.9% to -23.4%
1Q	**23,488**	25,788	**21,140**	-2,348	-10.0%	-4,648	-18.0%	26,378	**10,357**	**10,357**	**10,357**	**10,357**	**10,357**	-13,131	-55.9%	-10,783	-51.0%	-16,021	-60.7%
2Q	**24,527**	26,751	**1,615**	-22,913	-93.4%	-25,137	-94.0%	28,493	**11,380**	**11,380**	**11,220**	**11,200**	**13,517**	-13,327 to -13,147	-54.3% to -53.6%	9,586 to 9,765	593.7% to 604.8%	-17,293 to -17,113	-60.7% to -60.1%
3Q	**27,581**	29,308	**6,527**	-21,054	-76.3%	-22,781	-77.7%	31,299	**17,235**	**16,559**	**14,526**	**14,185**	**21,688**	-13,396 to -10,346	-48.6% to -37.5%	7,658 to 10,708	117.3% to 164.1%	-17,114 to -14,064	-54.7% to -44.9%
4Q	**24,774**	26,561	**10,015**	-14,759	-59.6%	-16,547	-62.3%	28,037	**20,458**	**16,317**	**15,998**	**14,530**	**19,809**	-10,244 to -4,316	-41.3% to -17.4%	4,515 to 10,443	45.1% to 104.3%	-13,507 to -7,579	-48.2% to -27.0%
Total	**100,370**	108,409	**39,296**	-61,074	-60.8%	-69,113	-63.8%	114,207	**59,430**	**54,614**	**52,101**	**50,273**	**65,371**	-50,098 to -40,940	-49.9% to -40.8%	10,977 to 20,134	27.9% to 51.2%	-63,935 to -54,777	-56.0% to -48.0%

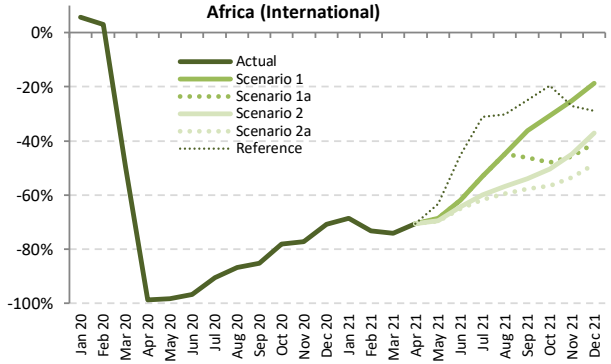
Seat Capacity (thousand) - Africa Domestic

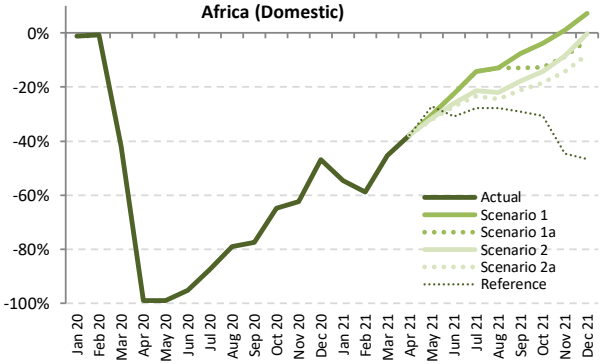
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**4,877**	5,119	**4,897**	21	0.4%	-221	-4.3%	5,411	**2,748**	**2,748**	**2,748**	**2,748**	**2,748**	-2,128	-43.6%	-2,149	-43.9%	-2,662	-49.2%
February	**4,366**	4,682	**4,606**	240	5.5%	-75	-1.6%	4,882	**2,403**	**2,403**	**2,403**	**2,403**	**2,403**	-1,962	-44.9%	-2,203	-47.8%	-2,478	-50.8%
March	**4,767**	4,965	**3,403**	-1,364	-28.6%	-1,562	-31.5%	5,106	**3,182**	**3,182**	**3,182**	**3,182**	**3,182**	-1,585	-33.3%	-221	-6.5%	-1,924	-37.7%
April	**4,541**	4,627	**157**	-4,384	-96.5%	-4,469	-96.6%	4,651	**3,327**	**3,327**	**3,327**	**3,327**	**3,327**	-1,214	-26.7%	3,170	2018.3%	-1,324	-28.5%
May	**4,404**	4,566	**209**	-4,195	-95.3%	-4,357	-95.4%	4,633	**3,574**	**3,574**	**3,539**	**3,534**	**3,607**	-870 to -830	-19.8% to -18.8%	3,325 to 3,365	1590.8% to 1610.2%	-1,099 to -1,059	-23.7% to -22.9%
June	**4,466**	4,632	**448**	-4,018	-90.0%	-4,184	-90.3%	4,737	**3,884**	**3,884**	**3,770**	**3,753**	**3,349**	-713 to -583	-16.0% to -13.0%	3,305 to 3,436	737.7% to 766.9%	-984 to -854	-20.8% to -18.0%
July	**4,770**	4,874	**1,107**	-3,663	-76.8%	-3,767	-77.3%	5,044	**4,370**	**4,370**	**4,137**	**4,099**	**3,578**	-671 to -400	-14.1% to -8.4%	2,992 to 3,263	270.3% to 294.8%	-945 to -674	-18.7% to -13.4%
August	**4,836**	4,843	**1,532**	-3,304	-68.3%	-3,311	-68.4%	4,915	**4,428**	**4,428**	**4,109**	**4,055**	**3,574**	-781 to -408	-16.2% to -8.4%	2,522 to 2,895	164.6% to 189.0%	-861 to -488	-17.5% to -9.9%
September	**4,800**	4,881	**1,639**	-3,161	-65.9%	-3,243	-66.4%	5,044	**4,655**	**4,571**	**4,296**	**4,215**	**3,469**	-584 to -145	-12.2% to -3.0%	2,577 to 3,016	157.3% to 184.1%	-828 to -389	-16.4% to -7.7%
October	**5,017**	5,163	**2,338**	-2,679	-53.4%	-2,825	-54.7%	5,351	**5,043**	**4,876**	**4,640**	**4,535**	**3,537**	-482 to 26	-9.6% to 0.5%	2,197 to 2,705	94.0% to 115.7%	-816 to -308	-15.3% to -5.8%
November	**4,954**	5,180	**2,581**	-2,373	-47.9%	-2,598	-50.2%	5,454	**5,212**	**5,006**	**4,836**	**4,692**	**2,770**	-262 to 258	-5.3% to 5.2%	2,111 to 2,631	81.8% to 101.9%	-762 to -243	-14.0% to -4.4%
December	**5,202**	5,554	**3,446**	-1,756	-33.8%	-2,108	-38.0%	5,971	**5,779**	**5,529**	**5,462**	**5,215**	**2,795**	13 to 577	0.2% to 11.1%	1,769 to 2,333	51.3% to 67.7%	-756 to -192	-12.7% to -3.2%
1Q	**14,010**	14,765	**12,907**	-1,103	-7.9%	-1,859	-12.6%	15,399	**8,334**	**8,334**	**8,334**	**8,334**	**8,334**	-5,676	-40.5%	-4,573	-35.4%	-7,065	-45.9%
2Q	**13,411**	13,824	**814**	-12,597	-93.9%	-13,010	-94.1%	14,021	**10,784**	**10,784**	**10,636**	**10,613**	**10,282**	-2,798 to -2,627	-20.9% to -19.6%	9,799 to 9,970	1203.8% to 1224.8%	-3,408 to -3,237	-24.3% to -23.1%
3Q	**14,405**	14,599	**4,278**	-10,128	-70.3%	-10,321	-70.7%	15,003	**13,452**	**13,368**	**12,542**	**12,369**	**10,621**	-2,036 to -953	-14.1% to -6.6%	8,091 to 9,174	189.1% to 214.5%	-2,634 to -1,551	-17.6% to -10.3%
4Q	**15,172**	15,896	**8,365**	-6,807	-44.9%	-7,531	-47.4%	16,777	**16,034**	**15,410**	**14,938**	**14,442**	**9,102**	-731 to 861	-4.8% to 5.7%	6,077 to 7,668	72.6% to 91.7%	-2,335 to -743	-13.9% to -4.4%
Total	**56,999**	59,084	**26,364**	-30,635	-53.7%	-32,721	-55.4%	61,200	**48,604**	**47,897**	**46,450**	**45,758**	**38,338**	-11,241 to -8,394	-19.7% to -14.7%	19,394 to 22,241	73.6% to 84.4%	-15,442 to -12,596	-25.2% to -20.6%

Source: ICAO estimates

Passenger number







Passenger Number (thousand) - Africa International + Domestic

Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**9,279**	9,958	**9,573**	294	3.2%	-385	-3.9%	10,346	**3,386**	**3,386**	**3,386**	**3,386**	**3,386**	-5,893	-63.5%	-6,187	-64.6%	-6,960	-67.3%
February	**8,290**	9,203	**8,427**	137	1.6%	-777	-8.4%	9,555	**2,673**	**2,673**	**2,673**	**2,673**	**2,673**	-5,617	-67.8%	-5,754	-68.3%	-6,882	-72.0%
March	**9,427**	10,078	**5,025**	-4,403	-46.7%	-5,054	-50.1%	10,283	**3,445**	**3,445**	**3,445**	**3,445**	**3,445**	-5,982	-63.5%	-1,579	-31.4%	-6,838	-66.5%
April	**9,492**	10,114	**103**	-9,389	-98.9%	-10,011	-99.0%	10,564	**3,914**	**3,914**	**3,914**	**3,914**	**3,914**	-5,578	-58.8%	3,811	3711.3%	-6,650	-63.0%
May	**8,653**	9,291	**130**	-8,524	-98.5%	-9,162	-98.6%	9,754	**3,876**	**3,876**	**3,795**	**3,765**	**4,274**	-4,888 to -4,778	-56.5% to -55.2%	3,635 to 3,746	2799.3% to 2884.2%	-5,989 to -5,879	-61.4% to -60.3%
June	**9,498**	10,250	**352**	-9,146	-96.3%	-9,898	-96.6%	10,895	**4,880**	**4,880**	**4,609**	**4,526**	**5,650**	-4,972 to -4,618	-52.3% to -48.6%	4,174 to 4,529	1187.1% to 1287.9%	-6,369 to -6,015	-58.5% to -55.2%
July	**10,663**	11,233	**1,117**	-9,547	-89.5%	-10,116	-90.1%	11,950	**6,372**	**6,372**	**5,631**	**5,423**	**7,460**	-5,240 to -4,291	-49.1% to -40.2%	4,307 to 5,256	385.7% to 470.7%	-6,527 to -5,578	-54.6% to -46.7%
August	**11,167**	11,618	**1,752**	-9,415	-84.3%	-9,866	-84.9%	12,269	**7,318**	**7,318**	**6,074**	**5,785**	**7,885**	-5,382 to -3,850	-48.2% to -34.5%	4,033 to 5,565	230.2% to 317.6%	-6,483 to -4,951	-52.8% to -40.4%
September	**9,818**	10,345	**1,723**	-8,095	-82.4%	-8,621	-83.3%	10,935	**7,265**	**6,430**	**5,770**	**5,422**	**7,232**	-4,396 to -2,553	-44.8% to -26.0%	3,699 to 5,541	214.6% to 321.5%	-5,513 to -3,670	-50.4% to -33.6%
October	**9,519**	9,998	**2,556**	-6,962	-73.1%	-7,442	-74.4%	10,498	**7,544**	**6,193**	**5,991**	**5,476**	**7,274**	-4,043 to -1,974	-42.5% to -20.7%	2,919 to 4,988	114.2% to 195.1%	-5,022 to -2,954	-47.8% to -28.1%
November	**9,222**	9,805	**2,622**	-6,601	-71.6%	-7,183	-73.3%	10,332	**7,822**	**6,297**	**6,364**	**5,660**	**6,104**	-3,563 to -1,401	-38.6% to -15.2%	3,038 to 5,200	115.9% to 198.3%	-4,673 to -2,510	-45.2% to -24.3%
December	**10,098**	10,898	**3,842**	-6,256	-61.9%	-7,056	-64.7%	11,662	**9,184**	**7,408**	**7,740**	**6,709**	**6,513**	-3,389 to -914	-33.6% to -9.1%	2,867 to 5,342	74.6% to 139.0%	-4,953 to -2,478	-42.5% to -21.2%
1Q	**26,996**	29,240	**23,024**	-3,972	-14.7%	-6,216	-21.3%	30,184	**9,504**	**9,504**	**9,504**	**9,504**	**9,504**	-17,492	-64.8%	-13,520	-58.7%	-20,680	-68.5%
2Q	**27,644**	29,655	**584**	-27,060	-97.9%	-29,071	-98.0%	31,213	**12,670**	**12,670**	**12,317**	**12,205**	**13,837**	-15,439 to -14,974	-55.8% to -54.2%	11,621 to 12,085	1989.2% to 2068.7%	-19,008 to -18,544	-60.9% to -59.4%
3Q	**31,649**	33,196	**4,592**	-27,056	-85.5%	-28,603	-86.2%	35,153	**20,955**	**20,120**	**17,474**	**16,631**	**22,577**	-15,018 to -10,694	-47.5% to -33.8%	12,039 to 16,362	262.1% to 356.3%	-18,523 to -14,199	-52.7% to -40.4%
4Q	**28,839**	30,701	**9,020**	-19,819	-68.7%	-21,680	-70.6%	32,492	**24,550**	**19,898**	**20,095**	**17,844**	**19,890**	-10,995 to -4,289	-38.1% to -14.9%	8,824 to 15,530	97.8% to 172.2%	-14,648 to -7,942	-45.1% to -24.4%
Total	**115,128**	122,792	**37,221**	-77,907	-67.7%	-85,571	-69.7%	129,043	**67,679**	**62,192**	**59,391**	**56,184**	**65,808**	-58,944 to -47,449	-51.2% to -41.2%	18,963 to 30,458	50.9% to 81.8%	-72,859 to -61,364	-56.5% to -47.6%

Source: ICAO estimates

Passenger number

Passenger Number (thousand) - Africa International

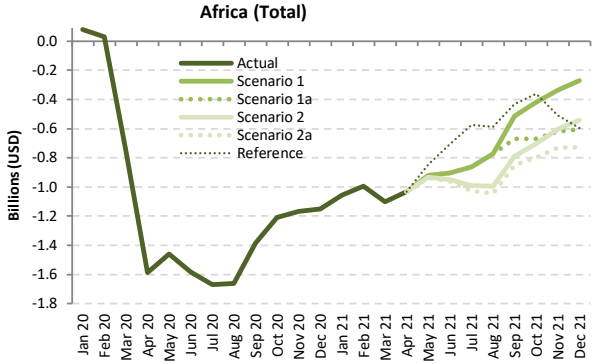
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**5,871**	6,378	**6,206**	335	5.7%	-172	-2.7%	6,558	**1,838**	**1,838**	**1,838**	**1,838**	**1,838**	-4,033	-68.7%	-4,368	-70.4%	-4,720	-72.0%
February	**5,149**	5,832	**5,305**	156	3.0%	-527	-9.0%	6,037	**1,377**	**1,377**	**1,377**	**1,377**	**1,377**	-3,772	-73.3%	-3,928	-74.0%	-4,659	-77.2%
March	**5,929**	6,432	**2,992**	-2,937	-49.5%	-3,440	-53.5%	6,530	**1,531**	**1,531**	**1,531**	**1,531**	**1,531**	-4,398	-74.2%	-1,461	-48.8%	-4,999	-76.6%
April	**6,091**	6,646	**71**	-6,020	-98.8%	-6,574	-98.9%	7,074	**1,795**	**1,795**	**1,795**	**1,795**	**1,795**	-4,296	-70.5%	1,724	2422.3%	-5,279	-74.6%
May	**5,633**	6,157	**100**	-5,533	-98.2%	-6,057	-98.4%	6,571	**1,765**	**1,765**	**1,725**	**1,708**	**2,073**	-3,925 to -3,868	-69.7% to -68.7%	1,608 to 1,665	1604.1% to 1660.8%	-4,863 to -4,806	-74.0% to -73.1%
June	**6,311**	6,941	**200**	-6,111	-96.8%	-6,741	-97.1%	7,509	**2,406**	**2,406**	**2,251**	**2,202**	**3,450**	-4,109 to -3,905	-65.1% to -61.9%	2,001 to 2,206	999.6% to 1101.7%	-5,307 to -5,102	-70.7% to -68.0%
July	**7,156**	7,645	**679**	-6,477	-90.5%	-6,966	-91.1%	8,234	**3,361**	**3,361**	**2,869**	**2,733**	**4,923**	-4,422 to -3,795	-61.8% to -53.0%	2,055 to 2,682	302.7% to 395.2%	-5,500 to -4,873	-66.8% to -59.2%
August	**7,547**	7,989	**994**	-6,553	-86.8%	-6,996	-87.6%	8,582	**4,169**	**4,169**	**3,253**	**3,053**	**5,272**	-4,494 to -3,379	-59.5% to -44.8%	2,059 to 3,175	207.2% to 319.5%	-5,529 to -4,414	-64.4% to -51.4%
September	**6,349**	6,814	**943**	-5,406	-85.1%	-5,871	-86.2%	7,284	**4,058**	**3,411**	**2,921**	**2,683**	**4,773**	-3,666 to -2,292	-57.7% to -36.1%	1,740 to 3,114	184.5% to 330.2%	-4,601 to -3,226	-63.2% to -44.3%
October	**6,002**	6,376	**1,318**	-4,684	-78.0%	-5,058	-79.3%	6,740	**4,163**	**3,127**	**2,974**	**2,611**	**4,831**	-3,391 to -1,839	-56.5% to -30.6%	1,293 to 2,845	98.1% to 215.8%	-4,129 to -2,578	-61.3% to -38.2%
November	**5,733**	6,153	**1,305**	-4,428	-77.2%	-4,847	-78.8%	6,483	**4,293**	**3,113**	**3,167**	**2,663**	**4,174**	-3,070 to -1,439	-53.5% to -25.1%	1,358 to 2,988	104.1% to 229.0%	-3,820 to -2,190	-58.9% to -33.8%
December	**6,340**	6,882	**1,848**	-4,493	-70.9%	-5,035	-73.2%	7,341	**5,153**	**3,755**	**3,996**	**3,251**	**4,507**	-3,089 to -1,188	-48.7% to -18.7%	1,404 to 3,305	76.0% to 178.8%	-4,089 to -2,188	-55.7% to -29.8%
1Q	**16,949**	18,642	**14,503**	-2,446	-14.4%	-4,139	-22.2%	19,125	**4,746**	**4,746**	**4,746**	**4,746**	**4,746**	-12,203	-72.0%	-9,757	-67.3%	-14,378	-75.2%
2Q	**18,035**	19,745	**372**	-17,663	-97.9%	-19,373	-98.1%	21,154	**5,966**	**5,966**	**5,770**	**5,705**	**7,318**	-12,330 to -12,069	-68.4% to -66.9%	5,333 to 5,595	1435.1% to 1505.4%	-15,449 to -15,187	-73.0% to -71.8%
3Q	**21,052**	22,448	**2,616**	-18,436	-87.6%	-19,833	-88.3%	24,100	**11,587**	**10,940**	**9,043**	**8,469**	**14,968**	-12,583 to -9,465	-59.8% to -45.0%	5,854 to 8,971	223.8% to 343.0%	-15,631 to -12,513	-64.9% to -51.9%
4Q	**18,075**	19,411	**4,471**	-13,604	-75.3%	-14,940	-77.0%	20,564	**13,608**	**9,995**	**10,137**	**8,526**	**13,512**	-9,550 to -4,467	-52.8% to -24.7%	4,055 to 9,138	90.7% to 204.4%	-12,039 to -6,956	-58.5% to -33.8%
Total	**74,111**	80,246	**21,961**	-52,150	-70.4%	-58,284	-72.6%	84,942	**35,908**	**31,647**	**29,696**	**27,446**	**40,544**	-46,665 to -38,203	-63.0% to -51.5%	5,485 to 13,947	25.0% to 63.5%	-57,496 to -49,034	-67.7% to -57.7%

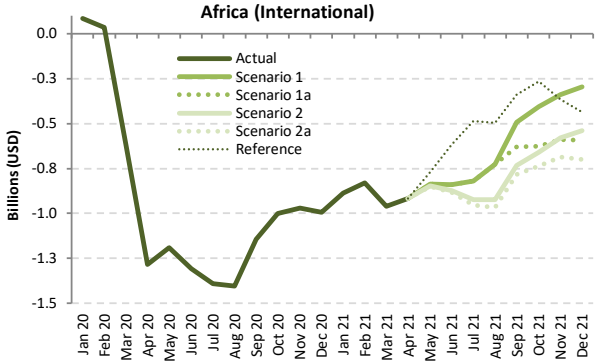
Passenger Number (thousand) - Africa Domestic

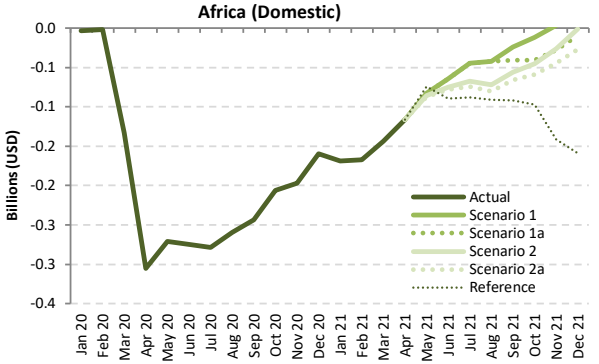
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**3,408**	3,580	**3,367**	-41	-1.2%	-213	-6.0%	3,788	**1,548**	**1,548**	**1,548**	**1,548**	**1,548**	-1,860	-54.6%	-1,819	-54.0%	-2,240	-59.1%
February	**3,141**	3,371	**3,121**	-19	-0.6%	-250	-7.4%	3,518	**1,296**	**1,296**	**1,296**	**1,296**	**1,296**	-1,845	-58.8%	-1,826	-58.5%	-2,223	-63.2%
March	**3,498**	3,646	**2,032**	-1,466	-41.9%	-1,614	-44.3%	3,753	**1,914**	**1,914**	**1,914**	**1,914**	**1,914**	-1,583	-45.3%	-118	-5.8%	-1,839	-49.0%
April	**3,401**	3,469	**32**	-3,370	-99.1%	-3,437	-99.1%	3,490	**2,119**	**2,119**	**2,119**	**2,119**	**2,119**	-1,283	-37.7%	2,087	6620.8%	-1,371	-39.3%
May	**3,020**	3,134	**30**	-2,990	-99.0%	-3,104	-99.1%	3,183	**2,110**	**2,110**	**2,070**	**2,057**	**2,201**	-963 to -910	-31.9% to -30.1%	2,027 to 2,081	6845.1% to 7025.5%	-1,126 to -1,073	-35.4% to -33.7%
June	**3,187**	3,308	**151**	-3,036	-95.2%	-3,157	-95.4%	3,387	**2,474**	**2,474**	**2,358**	**2,324**	**2,200**	-863 to -713	-27.1% to -22.4%	2,173 to 2,323	1435.0% to 1534.0%	-1,062 to -913	-31.4% to -26.9%
July	**3,508**	3,588	**438**	-3,070	-87.5%	-3,150	-87.8%	3,716	**3,012**	**3,012**	**2,761**	**2,690**	**2,537**	-818 to -496	-23.3% to -14.2%	2,252 to 2,574	514.2% to 587.6%	-1,026 to -705	-27.6% to -19.0%
August	**3,620**	3,629	**758**	-2,862	-79.0%	-2,871	-79.1%	3,686	**3,149**	**3,149**	**2,821**	**2,732**	**2,613**	-888 to -471	-24.5% to -13.0%	1,974 to 2,391	260.3% to 315.2%	-954 to -537	-25.9% to -14.6%
September	**3,469**	3,531	**780**	-2,688	-77.5%	-2,750	-77.9%	3,651	**3,207**	**3,019**	**2,849**	**2,739**	**2,459**	-730 to -262	-21.0% to -7.5%	1,959 to 2,427	251.0% to 311.0%	-912 to -444	-25.0% to -12.2%
October	**3,517**	3,622	**1,238**	-2,278	-64.8%	-2,384	-65.8%	3,758	**3,382**	**3,067**	**3,017**	**2,865**	**2,442**	-652 to -135	-18.5% to -3.8%	1,627 to 2,144	131.4% to 173.1%	-893 to -376	-23.8% to -10.0%
November	**3,490**	3,652	**1,317**	-2,173	-62.3%	-2,335	-63.9%	3,849	**3,529**	**3,184**	**3,198**	**2,996**	**1,930**	-493 to 39	-14.1% to 1.1%	1,680 to 2,212	127.6% to 168.0%	-853 to -321	-22.2% to -8.3%
December	**3,758**	4,016	**1,995**	-1,763	-46.9%	-2,021	-50.3%	4,322	**4,032**	**3,653**	**3,744**	**3,458**	**2,005**	-300 to 274	-8.0% to 7.3%	1,463 to 2,037	73.4% to 102.1%	-864 to -290	-20.0% to -6.7%
1Q	**10,047**	10,598	**8,521**	-1,526	-15.2%	-2,077	-19.6%	11,059	**4,758**	**4,758**	**4,758**	**4,758**	**4,758**	-5,289	-52.6%	-3,763	-44.2%	-6,302	-57.0%
2Q	**9,609**	9,911	**213**	-9,396	-97.8%	-9,698	-97.9%	10,060	**6,703**	**6,703**	**6,547**	**6,500**	**6,520**	-3,109 to -2,905	-32.4% to -30.2%	6,287 to 6,491	2957.9% to 3053.6%	-3,560 to -3,356	-35.4% to -33.4%
3Q	**10,597**	10,748	**1,977**	-8,620	-81.3%	-8,771	-81.6%	11,054	**9,368**	**9,180**	**8,431**	**8,162**	**7,609**	-2,435 to -1,229	-23.0% to -11.6%	6,185 to 7,391	312.9% to 373.9%	-2,892 to -1,686	-26.2% to -15.3%
4Q	**10,764**	11,290	**4,550**	-6,215	-57.7%	-6,741	-59.7%	11,928	**10,942**	**9,903**	**9,959**	**9,319**	**6,378**	-1,445 to 178	-13.4% to 1.7%	4,769 to 6,392	104.8% to 140.5%	-2,609 to -986	-21.9% to -8.3%
Total	**41,016**	42,546	**15,260**	-25,757	-62.8%	-27,286	-64.1%	44,101	**31,771**	**30,544**	**29,695**	**28,738**	**25,264**	-12,278 to -9,246	-29.9% to -22.5%	13,478 to 16,511	88.3% to 108.2%	-15,363 to -12,330	-34.8% to -28.0%

Source: ICAO estimates

Passenger revenue







Passenger revenue (USD, million) - Africa International + Domestic

Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**1,599**	1,716	**1,678**	80	5.0%	-37	-2.2%	1,763	**543**	**543**	**543**	**543**	**543**	-1,055	-66.0%	-1,135	-67.6%	-1,219	-69.2%
February	**1,409**	1,573	**1,441**	32	2.3%	-132	-8.4%	1,616	**414**	**414**	**414**	**414**	**414**	-996	-70.7%	-1,028	-71.3%	-1,202	-74.4%
March	**1,605**	1,721	**854**	-750	-46.8%	-866	-50.4%	1,740	**502**	**502**	**502**	**502**	**502**	-1,102	-68.7%	-352	-41.2%	-1,237	-71.1%
April	**1,611**	1,720	**21**	-1,589	-98.7%	-1,699	-98.8%	1,802	**577**	**577**	**577**	**577**	**577**	-1,034	-64.2%	556	2587.8%	-1,224	-67.9%
May	**1,489**	1,605	**27**	-1,462	-98.2%	-1,577	-98.3%	1,687	**570**	**570**	**558**	**553**	**644**	-936 to -919	-62.9% to -61.7%	526 to 543	1918.5% to 1980.7%	-1,133 to -1,116	-67.2% to -66.2%
June	**1,644**	1,769	**62**	-1,582	-96.2%	-1,706	-96.5%	1,880	**740**	**740**	**697**	**683**	**937**	-961 to -904	-58.5% to -55.0%	621 to 678	993.2% to 1084.9%	-1,197 to -1,140	-63.7% to -60.6%
July	**1,857**	1,949	**188**	-1,669	-89.9%	-1,762	-90.4%	2,070	**993**	**993**	**866**	**830**	**1,281**	-1,027 to -864	-55.3% to -46.5%	642 to 805	342.3% to 429.2%	-1,240 to -1,077	-59.9% to -52.0%
August	**1,948**	2,025	**286**	-1,663	-85.3%	-1,740	-85.9%	2,142	**1,178**	**1,178**	**953**	**902**	**1,362**	-1,046 to -771	-53.7% to -39.6%	617 to 892	215.8% to 312.2%	-1,239 to -964	-57.9% to -45.0%
September	**1,673**	1,766	**286**	-1,388	-82.9%	-1,481	-83.8%	1,869	**1,158**	**1,004**	**884**	**823**	**1,242**	-850 to -515	-50.8% to -30.8%	538 to 872	188.1% to 305.3%	-1,046 to -711	-56.0% to -38.0%
October	**1,615**	1,691	**408**	-1,207	-74.8%	-1,284	-75.9%	1,776	**1,196**	**947**	**911**	**819**	**1,252**	-796 to -419	-49.3% to -25.9%	412 to 789	101.0% to 193.5%	-957 to -580	-53.9% to -32.6%
November	**1,574**	1,664	**406**	-1,168	-74.2%	-1,258	-75.6%	1,743	**1,238**	**955**	**968**	**842**	**1,065**	-731 to -336	-46.5% to -21.4%	436 to 832	107.5% to 204.9%	-901 to -505	-51.7% to -29.0%
December	**1,738**	1,867	**585**	-1,153	-66.3%	-1,282	-68.7%	1,987	**1,468**	**1,135**	**1,196**	**1,010**	**1,142**	-727 to -270	-41.8% to -15.5%	426 to 883	72.8% to 150.9%	-976 to -519	-49.1% to -26.1%
1Q	**4,613**	5,009	**3,974**	-639	-13.8%	-1,036	-20.7%	5,118	**1,459**	**1,459**	**1,459**	**1,459**	**1,459**	-3,154	-68.4%	-2,515	-63.3%	-3,659	-71.5%
2Q	**4,744**	5,094	**111**	-4,633	-97.7%	-4,983	-97.8%	5,368	**1,888**	**1,888**	**1,832**	**1,814**	**2,159**	-2,931 to -2,856	-61.8% to -60.2%	1,702 to 1,777	1528.5% to 1595.2%	-3,555 to -3,480	-66.2% to -64.8%
3Q	**5,478**	5,741	**759**	-4,719	-86.1%	-4,982	-86.8%	6,081	**3,329**	**3,174**	**2,703**	**2,556**	**3,885**	-2,923 to -2,150	-53.4% to -39.2%	1,796 to 2,570	236.7% to 338.5%	-3,525 to -2,752	-58.0% to -45.3%
4Q	**4,926**	5,223	**1,398**	-3,528	-71.6%	-3,824	-73.2%	5,506	**3,902**	**3,037**	**3,075**	**2,672**	**3,460**	-2,254 to -1,025	-45.8% to -20.8%	1,274 to 2,503	91.1% to 179.0%	-2,834 to -1,604	-51.5% to -29.1%
Total	**19,762**	21,067	**6,243**	-13,519	-68.4%	-14,824	-70.4%	22,073	**10,578**	**9,558**	**9,069**	**8,500**	**10,963**	-11,261 to -9,184	-57.0% to -46.5%	2,257 to 4,335	36.2% to 69.4%	-13,573 to -11,495	-61.5% to -52.1%

Source: ICAO estimates

Passenger revenue

Passenger revenue (USD, million) - Africa International

Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**1,290**	1,391	**1,373**	83	6.5%	-18	-1.3%	1,419	**403**	**403**	**403**	**403**	**403**	-887	-68.7%	-970	-70.6%	-1,016	-71.6%
February	**1,125**	1,267	**1,158**	34	3.0%	-109	-8.6%	1,297	**296**	**296**	**296**	**296**	**296**	-829	-73.7%	-862	-74.4%	-1,001	-77.2%
March	**1,288**	1,390	**670**	-618	-48.0%	-720	-51.8%	1,399	**329**	**329**	**329**	**329**	**329**	-959	-74.5%	-341	-50.9%	-1,071	-76.5%
April	**1,303**	1,406	**19**	-1,284	-98.6%	-1,387	-98.7%	1,485	**385**	**385**	**385**	**385**	**385**	-917	-70.4%	367	1968.9%	-1,100	-74.1%
May	**1,215**	1,321	**25**	-1,191	-98.0%	-1,296	-98.1%	1,398	**379**	**379**	**370**	**367**	**445**	-849 to -836	-69.8% to -68.8%	342 to 354	1383.5% to 1432.9%	-1,031 to -1,019	-73.8% to -72.9%
June	**1,355**	1,469	**49**	-1,307	-96.4%	-1,420	-96.7%	1,573	**516**	**516**	**483**	**472**	**738**	-883 to -839	-65.1% to -61.9%	424 to 467	868.8% to 958.5%	-1,101 to -1,057	-70.0% to -67.2%
July	**1,539**	1,624	**148**	-1,391	-90.4%	-1,476	-90.9%	1,733	**720**	**720**	**615**	**586**	**1,051**	-953 to -819	-61.9% to -53.2%	438 to 572	296.1% to 386.7%	-1,147 to -1,013	-66.2% to -58.5%
August	**1,620**	1,696	**217**	-1,403	-86.6%	-1,479	-87.2%	1,807	**892**	**892**	**697**	**655**	**1,126**	-966 to -728	-59.6% to -44.9%	438 to 675	201.7% to 311.3%	-1,153 to -915	-63.8% to -50.6%
September	**1,359**	1,446	**215**	-1,144	-84.2%	-1,231	-85.1%	1,538	**867**	**730**	**626**	**575**	**1,019**	-784 to -492	-57.7% to -36.2%	360 to 652	167.4% to 303.4%	-963 to -671	-62.6% to -43.6%
October	**1,296**	1,363	**295**	-1,001	-77.2%	-1,068	-78.3%	1,435	**890**	**669**	**637**	**559**	**1,031**	-737 to -406	-56.8% to -31.4%	264 to 594	89.4% to 201.2%	-876 to -546	-61.0% to -38.0%
November	**1,258**	1,333	**287**	-971	-77.2%	-1,047	-78.5%	1,394	**918**	**666**	**678**	**571**	**890**	-687 to -340	-54.6% to -27.0%	284 to 631	99.1% to 220.2%	-823 to -476	-59.1% to -34.2%
December	**1,397**	1,503	**404**	-993	-71.1%	-1,099	-73.1%	1,595	**1,102**	**804**	**857**	**697**	**960**	-700 to -295	-50.1% to -21.1%	293 to 698	72.5% to 172.8%	-898 to -493	-56.3% to -30.9%
1Q	**3,702**	4,049	**3,202**	-501	-13.5%	-847	-20.9%	4,115	**1,028**	**1,028**	**1,028**	**1,028**	**1,028**	-2,674	-72.2%	-2,174	-67.9%	-3,087	-75.0%
2Q	**3,873**	4,196	**92**	-3,781	-97.6%	-4,104	-97.8%	4,457	**1,280**	**1,280**	**1,238**	**1,224**	**1,568**	-2,649 to -2,593	-68.4% to -66.9%	1,132 to 1,188	1229.4% to 1290.1%	-3,232 to -3,176	-72.5% to -71.3%
3Q	**4,518**	4,767	**580**	-3,938	-87.2%	-4,187	-87.8%	5,079	**2,480**	**2,342**	**1,938**	**1,816**	**3,195**	-2,702 to -2,038	-59.8% to -45.1%	1,236 to 1,900	213.1% to 327.6%	-3,263 to -2,599	-64.2% to -51.2%
4Q	**3,950**	4,199	**986**	-2,964	-75.0%	-3,213	-76.5%	4,425	**2,910**	**2,139**	**2,172**	**1,827**	**2,882**	-2,123 to -1,041	-53.7% to -26.3%	841 to 1,924	85.3% to 195.1%	-2,597 to -1,515	-58.7% to -34.2%
Total	**16,044**	17,210	**4,860**	-11,184	-69.7%	-12,351	-71.8%	18,075	**7,698**	**6,789**	**6,377**	**5,895**	**8,672**	-10,148 to -8,346	-63.3% to -52.0%	1,036 to 2,838	21.3% to 58.4%	-12,180 to -10,378	-67.4% to -57.4%

Passenger revenue (USD, million) - Africa Domestic

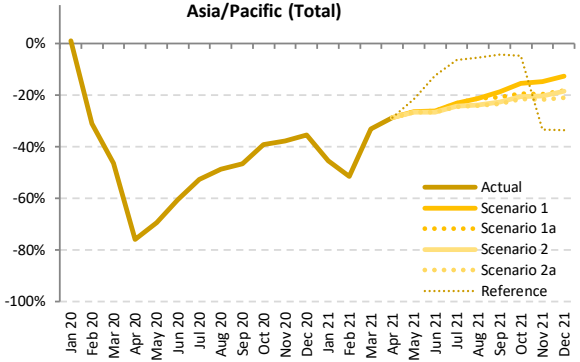
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**309**	325	**305**	-4	-1.2%	-19	-6.0%	343	**140**	**140**	**140**	**140**	**140**	-169	-54.6%	-165	-54.0%	-203	-59.1%
February	**285**	306	**283**	-2	-0.6%	-23	-7.4%	319	**117**	**117**	**117**	**117**	**117**	-167	-58.8%	-166	-58.5%	-201	-63.2%
March	**317**	331	**184**	-133	-41.9%	-146	-44.3%	340	**174**	**174**	**174**	**174**	**174**	-144	-45.3%	-11	-5.8%	-167	-49.0%
April	**308**	314	**3**	-305	-99.1%	-312	-99.1%	316	**192**	**192**	**192**	**192**	**192**	-116	-37.7%	189	6620.8%	-124	-39.3%
May	**274**	284	**3**	-271	-99.0%	-281	-99.1%	289	**191**	**191**	**188**	**186**	**200**	-87 to -82	-31.9% to -30.1%	184 to 189	6845.1% to 7025.5%	-102 to -97	-35.4% to -33.7%
June	**289**	300	**14**	-275	-95.2%	-286	-95.4%	307	**224**	**224**	**214**	**211**	**199**	-78 to -65	-27.1% to -22.4%	197 to 211	1435.0% to 1534.0%	-96 to -83	-31.4% to -26.9%
July	**318**	325	**40**	-278	-87.5%	-286	-87.8%	337	**273**	**273**	**250**	**244**	**230**	-74 to -45	-23.3% to -14.2%	204 to 233	514.2% to 587.6%	-93 to -64	-27.6% to -19.0%
August	**328**	329	**69**	-259	-79.0%	-260	-79.1%	334	**285**	**285**	**256**	**248**	**237**	-80 to -43	-24.5% to -13.0%	179 to 217	260.3% to 315.2%	-86 to -49	-25.9% to -14.6%
September	**314**	320	**71**	-244	-77.5%	-249	-77.9%	331	**291**	**274**	**258**	**248**	**223**	-66 to -24	-21.0% to -7.5%	178 to 220	251.0% to 311.0%	-83 to -40	-25.0% to -12.2%
October	**319**	328	**112**	-207	-64.8%	-216	-65.8%	341	**307**	**278**	**273**	**260**	**221**	-59 to -12	-18.5% to -3.8%	147 to 194	131.4% to 173.1%	-81 to -34	-23.8% to -10.0%
November	**316**	331	**119**	-197	-62.3%	-212	-63.9%	349	**320**	**289**	**290**	**272**	**175**	-45 to 4	-14.1% to 1.1%	152 to 200	127.6% to 168.0%	-77 to -29	-22.2% to -8.3%
December	**341**	364	**181**	-160	-46.9%	-183	-50.3%	392	**365**	**331**	**339**	**313**	**182**	-27 to 25	-8.0% to 7.3%	133 to 185	73.4% to 102.1%	-78 to -26	-20.0% to -6.7%
1Q	**911**	961	**772**	-138	-15.2%	-188	-19.6%	1,002	**431**	**431**	**431**	**431**	**431**	-479	-52.6%	-341	-44.2%	-571	-57.0%
2Q	**871**	898	**19**	-852	-97.8%	-879	-97.9%	912	**608**	**608**	**593**	**589**	**591**	-282 to -263	-32.4% to -30.2%	570 to 588	2957.9% to 3053.6%	-323 to -304	-35.4% to -33.4%
3Q	**961**	974	**179**	-781	-81.3%	-795	-81.6%	1,002	**849**	**832**	**764**	**740**	**690**	-221 to -111	-23.0% to -11.6%	561 to 670	312.9% to 373.9%	-262 to -153	-26.2% to -15.3%
4Q	**976**	1,023	**412**	-563	-57.7%	-611	-59.7%	1,081	**992**	**898**	**903**	**845**	**578**	-131 to 16	-13.4% to 1.7%	432 to 579	104.8% to 140.5%	-237 to -89	-21.9% to -8.3%
Total	**3,718**	3,857	**1,383**	-2,335	-62.8%	-2,473	-64.1%	3,998	**2,880**	**2,769**	**2,692**	**2,605**	**2,290**	-1,113 to -838	-29.9% to -22.5%	1,222 to 1,497	88.3% to 108.2%	-1,393 to -1,118	-34.8% to -28.0%

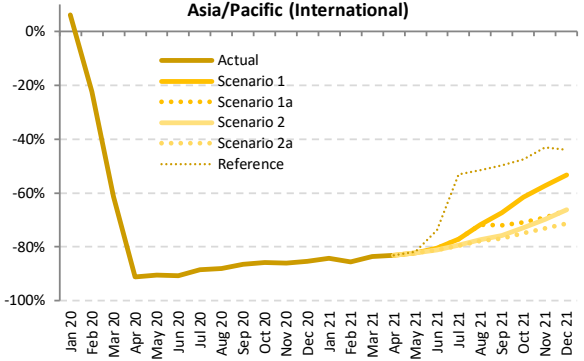
Source: ICAO estimates

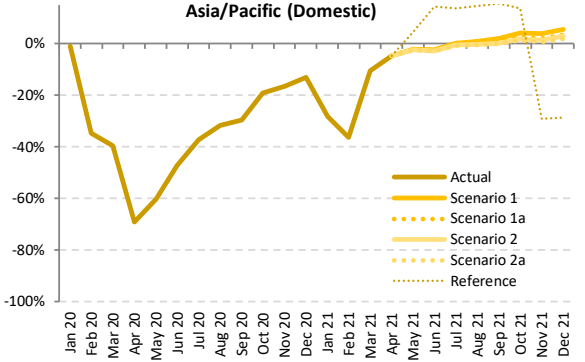
Asia/Pacific

Compared to 2019	Seat capacity (%)			Passenger number (thousand)						Passenger revenue (USD, million)		
	Total	International	Domestic	Total		International		Domestic		Total	International	Domestic
1Q 2020	-25.1%	-25.9%	-24.7%	-140,680	-34.5%	-40,003	-32.7%	-100,677	-35.3%	-16,257	-7,891	-8,366
2Q 2020	-68.5%	-90.8%	-58.8%	-317,235	-77.1%	-117,222	-96.4%	-200,013	-69.0%	-38,970	-24,855	-14,114
3Q 2020	-49.3%	-87.6%	-32.8%	-258,676	-59.3%	-120,561	-94.6%	-138,115	-44.7%	-34,739	-25,585	-9,154
4Q 2020	-37.4%	-85.8%	-16.2%	-204,867	-48.3%	-117,220	-93.8%	-87,648	-29.3%	-30,488	-25,068	-5,420
Total 2020	**-45.1%**	**-72.7%**	**-33.0%**	**-921,458**	**-54.8%**	**-395,005**	**-79.6%**	**-526,453**	**-44.5%**	**-120,453**	**-83,400**	**-37,053**
1Q 2021	-43.2%	-84.4%	-24.9%	-224,759	-55.1%	-113,992	-93.1%	-110,767	-38.8%	-31,950	-24,116	-7,834
2Q 2021	-27.2% to -27.0%	-82.2% to -81.9%	-3.2% to -3.0%	-153,751 to -149,251	-37.4% to -36.3%	-110,283 to -109,438	-90.7% to -90.0%	-43,468 to -39,813	-15.0% to -13.7%	-25,579 to -25,103	-23,262 to -23,070	-2,316 to -2,033
3Q 2021	-23.8% to -21.0%	-78.2% to -72.1%	-0.4% to 1.1%	-136,802 to -108,145	-31.3% to -24.8%	-109,197 to -98,672	-85.7% to -77.4%	-27,605 to -9,473	-8.9% to -3.1%	-24,073 to -20,305	-23,043 to -20,675	-1,030 to 370
4Q 2021	-21.3% to -14.2%	-73.1% to -57.3%	1.4% to 4.6%	-119,835 to -73,630	-28.2% to -17.3%	-101,204 to -78,578	-81.0% to -62.9%	-18,631 to 4,949	-6.2% to 1.7%	-21,639 to -14,781	-21,491 to -16,439	-147 to 1,658
Total 2021	**-28.7% to -26.2%**	**-79.4% to -73.8%**	**-6.6% to -5.3%**	**-635,147 to -555,785**	**-37.8% to -33.1%**	**-434,676 to -400,680**	**-87.6% to -80.7%**	**-200,471 to -155,105**	**-16.9% to -13.1%**	**-103,240 to -92,138**	**-91,912 to -84,300**	**-11,328 to -7,839**

Seat capacity







Seat Capacity (thousand) - Asia/Pacific International + Domestic																	
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**173,887**	184,761	**175,876**	1,990	1.1%	-8,885	-4.8%	192,546	**95,007**	**95,007**	**95,007**	**95,007**	**95,007**	-78,880	-45.4%	-80,870	-46.0%	-97,540	-50.7%
February	**160,779**	172,412	**111,041**	-49,737	-30.9%	-61,371	-35.6%	177,025	**78,160**	**78,160**	**78,160**	**78,160**	**78,160**	-82,619	-51.4%	-32,881	-29.6%	-98,866	-55.8%
March	**170,186**	177,838	**91,338**	-78,848	-46.3%	-86,500	-48.6%	181,273	**113,808**	**113,808**	**113,808**	**113,808**	**113,808**	-56,378	-33.1%	22,470	24.6%	-67,465	-37.2%
April	**167,437**	171,006	**40,368**	-127,070	-75.9%	-130,638	-76.4%	175,130	**119,445**	**119,445**	**119,445**	**119,445**	**119,445**	-47,993	-28.7%	79,077	195.9%	-55,685	-31.8%
May	**171,640**	176,452	**52,578**	-119,062	-69.4%	-123,873	-70.2%	181,668	**126,387**	**126,387**	**126,083**	**126,036**	**134,798**	-45,604 to -45,253	-26.6% to -26.4%	73,458 to 73,809	139.7% to 140.4%	-55,632 to -55,281	-30.6% to -30.4%
June	**169,062**	172,795	**66,910**	-102,152	-60.4%	-105,885	-61.3%	177,572	**125,098**	**125,098**	**124,343**	**124,236**	**148,153**	-44,826 to -43,964	-26.5% to -26.0%	57,326 to 58,187	85.7% to 87.0%	-53,336 to -52,474	-30.0% to -29.6%
July	**179,966**	184,680	**85,490**	-94,476	-52.5%	-99,190	-53.7%	192,385	**138,576**	**138,576**	**136,448**	**136,169**	**168,632**	-43,796 to -41,390	-24.3% to -23.0%	50,679 to 53,086	59.3% to 62.1%	-56,216 to -53,809	-29.2% to -28.0%
August	**179,709**	185,192	**92,170**	-87,539	-48.7%	-93,022	-50.2%	193,036	**141,763**	**141,763**	**137,259**	**136,688**	**170,053**	-43,021 to -37,946	-23.9% to -21.1%	44,518 to 49,593	48.3% to 53.8%	-56,348 to -51,272	-29.2% to -26.6%
September	**170,896**	175,627	**91,244**	-79,653	-46.6%	-84,384	-48.0%	182,638	**138,935**	**135,610**	**132,252**	**131,321**	**163,929**	-39,575 to -31,961	-23.2% to -18.7%	40,078 to 47,691	43.9% to 52.3%	-51,317 to -43,703	-28.1% to -23.9%
October	**176,402**	182,262	**107,481**	-68,922	-39.1%	-74,781	-41.0%	191,349	**149,192**	**142,496**	**140,206**	**138,588**	**168,377**	-37,814 to -27,210	-21.4% to -15.4%	31,108 to 41,712	28.9% to 38.8%	-52,760 to -42,156	-27.6% to -22.0%
November	**169,922**	176,029	**105,951**	-63,972	-37.6%	-70,079	-39.8%	183,863	**145,163**	**136,865**	**135,703**	**133,177**	**113,294**	-36,746 to -24,759	-21.6% to -14.6%	27,226 to 39,213	25.7% to 37.0%	-50,686 to -38,700	-27.6% to -21.0%
December	**176,471**	183,713	**113,870**	-62,601	-35.5%	-69,843	-38.0%	192,060	**154,131**	**144,312**	**143,964**	**139,719**	**117,548**	-36,752 to -22,340	-20.8% to -12.7%	25,848 to 40,261	22.7% to 35.4%	-52,342 to -37,929	-27.3% to -19.7%
1Q	**504,851**	535,012	**378,256**	-126,595	-25.1%	-156,756	-29.3%	550,845	**286,974**	**286,974**	**286,974**	**286,974**	**286,974**	-217,877	-43.2%	-91,281	-24.1%	-263,871	-47.9%
2Q	**508,140**	520,253	**159,856**	-348,283	-68.5%	-360,397	-69.3%	534,370	**370,930**	**370,930**	**369,871**	**369,718**	**402,396**	-138,422 to -137,210	-27.2% to -27.0%	209,861 to 211,073	131.3% to 132.0%	-164,653 to -163,441	-30.8% to -30.6%
3Q	**530,571**	545,500	**268,904**	-261,668	-49.3%	-276,596	-50.7%	568,059	**419,275**	**415,950**	**405,960**	**404,179**	**502,615**	-126,393 to -111,297	-23.8% to -21.0%	135,275 to 150,371	50.3% to 55.9%	-163,881 to -148,785	-28.8% to -26.2%
4Q	**522,796**	542,005	**327,302**	-195,494	-37.4%	-214,703	-39.6%	567,272	**448,487**	**423,673**	**419,873**	**411,484**	**399,219**	-111,312 to -74,309	-21.3% to -14.2%	84,182 to 121,185	25.7% to 37.0%	-155,788 to -118,785	-27.5% to -20.9%
Total	**2,066,358**	2,142,769	**1,134,318**	-932,040	-45.1%	-1,008,451	-47.1%	2,220,547	**1,525,665**	**1,497,527**	**1,482,678**	**1,472,355**	**1,591,204**	-594,003 to -540,693	-28.7% to -26.2%	338,037 to 391,348	29.8% to 34.5%	-748,192 to -694,882	-33.7% to -31.3%

Source: ICAO estimates

Seat capacity

Seat Capacity (thousand) - Asia/Pacific International

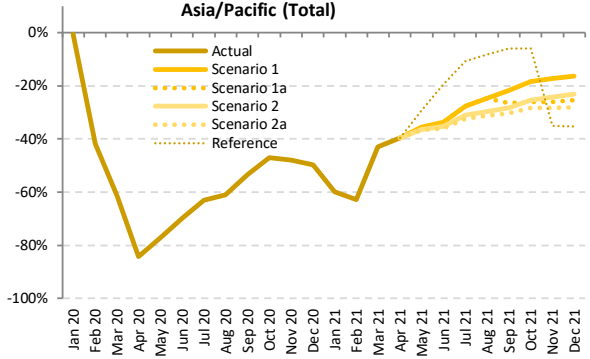
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**53,178**	57,177	**56,416**	3,238	6.1%	-761	-1.3%	59,993	**8,389**	**8,389**	**8,389**	**8,389**	**8,389**	-44,789	-84.2%	-48,027	-85.1%	-51,604	-86.0%
February	**49,160**	52,616	**38,157**	-11,003	-22.4%	-14,459	-27.5%	54,323	**7,103**	**7,103**	**7,103**	**7,103**	**7,103**	-42,057	-85.6%	-31,054	-81.4%	-47,220	-86.9%
March	**52,782**	55,037	**20,383**	-32,399	-61.4%	-34,654	-63.0%	56,939	**8,719**	**8,719**	**8,719**	**8,719**	**8,719**	-44,063	-83.5%	-11,664	-57.2%	-48,219	-84.7%
April	**51,335**	52,996	**4,531**	-46,804	-91.2%	-48,465	-91.5%	54,593	**8,643**	**8,643**	**8,643**	**8,643**	**8,643**	-42,692	-83.2%	4,112	90.8%	-45,950	-84.2%
May	**52,030**	54,297	**4,918**	-47,112	-90.5%	-49,380	-90.9%	56,289	**9,276**	**9,276**	**9,221**	**9,215**	**9,526**	-42,815 to -42,754	-82.3% to -82.2%	4,297 to 4,358	87.4% to 88.6%	-47,074 to -47,013	-83.6% to -83.5%
June	**51,160**	53,047	**4,720**	-46,440	-90.8%	-48,326	-91.1%	54,880	**9,993**	**9,993**	**9,653**	**9,612**	**13,370**	-41,549 to -41,167	-81.2% to -80.5%	4,891 to 5,273	103.6% to 111.7%	-45,269 to -44,887	-82.5% to -81.8%
July	**54,007**	55,893	**6,277**	-47,730	-88.4%	-49,616	-88.8%	58,774	**12,422**	**12,422**	**11,152**	**11,001**	**25,295**	-43,006 to -41,585	-79.6% to -77.0%	4,724 to 6,145	75.3% to 97.9%	-47,773 to -46,352	-81.3% to -78.9%
August	**54,403**	57,005	**6,575**	-47,828	-87.9%	-50,431	-88.5%	60,332	**15,299**	**15,299**	**12,388**	**12,036**	**26,372**	-42,367 to -39,104	-77.9% to -71.9%	5,461 to 8,724	83.1% to 132.7%	-48,297 to -45,034	-80.1% to -74.6%
September	**51,417**	52,963	**6,976**	-44,441	-86.4%	-45,987	-86.8%	55,781	**16,827**	**14,413**	**12,424**	**11,843**	**25,828**	-39,574 to -34,590	-77.0% to -67.3%	4,867 to 9,851	69.8% to 141.2%	-43,938 to -38,954	-78.8% to -69.8%
October	**52,753**	55,530	**7,441**	-45,312	-85.9%	-48,089	-86.6%	58,631	**20,277**	**15,408**	**14,275**	**13,229**	**27,647**	-39,524 to -32,477	-74.9% to -61.6%	5,788 to 12,835	77.8% to 172.5%	-45,402 to -38,354	-77.4% to -65.4%
November	**51,509**	54,649	**7,151**	-44,358	-86.1%	-47,497	-86.9%	57,970	**22,023**	**15,887**	**15,580**	**13,897**	**29,369**	-37,613 to -29,486	-73.0% to -57.2%	6,745 to 14,872	94.3% to 208.0%	-44,073 to -35,947	-76.0% to -62.0%
December	**54,864**	58,266	**8,034**	-46,830	-85.4%	-50,232	-86.2%	61,702	**25,681**	**18,410**	**18,545**	**15,733**	**30,706**	-39,131 to -29,183	-71.3% to -53.2%	7,699 to 17,647	95.8% to 219.7%	-45,969 to -36,021	-74.5% to -58.4%
1Q	**155,120**	164,829	**114,956**	-40,164	-25.9%	-49,874	-30.3%	171,254	**24,211**	**24,211**	**24,211**	**24,211**	**24,211**	-130,908	-84.4%	-90,744	-78.9%	-147,043	-85.9%
2Q	**154,525**	160,340	**14,169**	-140,356	-90.8%	-146,172	-91.2%	165,762	**27,911**	**27,911**	**27,517**	**27,469**	**31,538**	-127,055 to -126,613	-82.2% to -81.9%	13,300 to 13,743	93.9% to 97.0%	-138,293 to -137,851	-83.4% to -83.2%
3Q	**159,828**	165,862	**19,828**	-139,999	-87.6%	-146,033	-88.0%	174,888	**44,548**	**42,134**	**35,964**	**34,880**	**77,494**	-124,948 to -115,280	-78.2% to -72.1%	15,052 to 24,720	75.9% to 124.7%	-140,008 to -130,340	-80.1% to -74.5%
4Q	**159,126**	168,445	**22,627**	-136,500	-85.8%	-145,818	-86.6%	178,303	**67,981**	**49,705**	**48,400**	**42,859**	**87,722**	-116,268 to -91,145	-73.1% to -57.3%	20,232 to 45,354	89.4% to 200.4%	-135,444 to -110,321	-76.0% to -61.9%
Total	**628,598**	659,477	**171,580**	-457,019	-72.7%	-487,897	-74.0%	690,207	**164,652**	**143,961**	**136,093**	**129,419**	**220,965**	-499,179 to -463,946	-79.4% to -73.8%	-42,160 to -6,928	-24.6% to -4.0%	-560,787 to -525,555	-81.2% to -76.1%

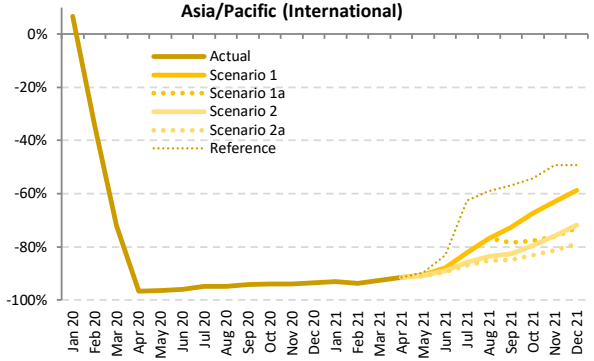
Seat Capacity (thousand) - Asia/Pacific Domestic

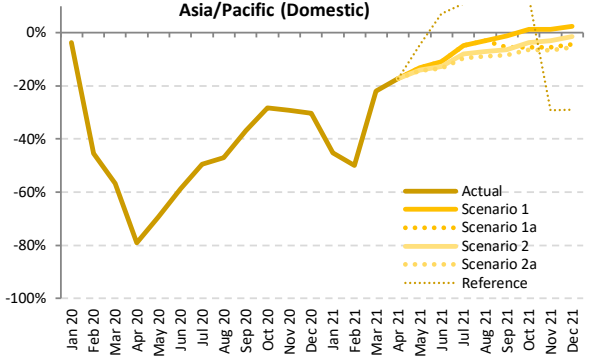
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**120,709**	127,584	**119,460**	-1,248	-1.0%	-8,124	-6.4%	132,553	**86,618**	**86,618**	**86,618**	**86,618**	**86,618**	-34,091	-28.2%	-32,843	-27.5%	-45,936	-34.7%
February	**111,619**	119,796	**72,885**	-38,734	-34.7%	-46,912	-39.2%	122,703	**71,057**	**71,057**	**71,057**	**71,057**	**71,057**	-40,562	-36.3%	-1,828	-2.5%	-51,646	-42.1%
March	**117,404**	122,802	**70,955**	-46,449	-39.6%	-51,847	-42.2%	124,335	**105,089**	**105,089**	**105,089**	**105,089**	**105,089**	-12,315	-10.5%	34,134	48.1%	-19,246	-15.5%
April	**116,103**	118,010	**35,837**	-80,266	-69.1%	-82,173	-69.6%	120,537	**110,802**	**110,802**	**110,802**	**110,802**	**110,802**	-5,301	-4.6%	74,965	209.2%	-9,735	-8.1%
May	**119,611**	122,154	**47,661**	-71,950	-60.2%	-74,493	-61.0%	125,379	**117,111**	**117,111**	**116,862**	**116,821**	**125,273**	-2,789 to -2,499	-2.3% to -2.1%	69,161 to 69,451	145.1% to 145.7%	-8,558 to -8,268	-6.8% to -6.6%
June	**117,902**	119,749	**62,190**	-55,712	-47.3%	-57,559	-48.1%	122,692	**115,105**	**115,105**	**114,690**	**114,625**	**134,784**	-3,277 to -2,797	-2.8% to -2.4%	52,435 to 52,915	84.3% to 85.1%	-8,067 to -7,587	-6.6% to -6.2%
July	**125,958**	128,787	**79,213**	-46,745	-37.1%	-49,574	-38.5%	133,611	**126,154**	**126,154**	**125,295**	**125,168**	**143,337**	-790 to 196	-0.6% to 0.2%	45,955 to 46,941	58.0% to 59.3%	-8,443 to -7,457	-6.3% to -5.6%
August	**125,307**	128,187	**85,595**	-39,711	-31.7%	-42,591	-33.2%	132,703	**126,465**	**126,465**	**124,872**	**124,652**	**143,682**	-654 to 1,158	-0.5% to 0.9%	39,057 to 40,869	45.6% to 47.7%	-8,051 to -6,239	-6.1% to -4.7%
September	**119,479**	122,664	**84,267**	-35,212	-29.5%	-38,397	-31.3%	126,858	**122,108**	**121,197**	**119,828**	**119,478**	**138,102**	0 to 2,629	0.0% to 2.2%	35,211 to 37,841	41.8% to 44.9%	-7,379 to -4,750	-5.8% to -3.7%
October	**123,649**	126,732	**100,039**	-23,610	-19.1%	-26,693	-21.1%	132,718	**128,916**	**127,088**	**125,932**	**125,359**	**140,729**	1,710 to 5,266	1.4% to 4.3%	25,320 to 28,876	25.3% to 28.9%	-7,358 to -3,802	-5.5% to -2.9%
November	**118,413**	121,381	**98,799**	-19,614	-16.6%	-22,581	-18.6%	125,893	**123,140**	**120,979**	**120,122**	**119,280**	**83,926**	867 to 4,727	0.7% to 4.0%	20,481 to 24,341	20.7% to 24.6%	-6,613 to -2,753	-5.3% to -2.2%
December	**121,607**	125,447	**105,836**	-15,771	-13.0%	-19,611	-15.6%	130,359	**128,450**	**125,902**	**125,419**	**123,986**	**86,842**	2,378 to 6,843	2.0% to 5.6%	18,149 to 22,614	17.1% to 21.4%	-6,373 to -1,909	-4.9% to -1.5%
1Q	**349,732**	370,182	**263,300**	-86,432	-24.7%	-106,882	-28.9%	379,591	**262,763**	**262,763**	**262,763**	**262,763**	**262,763**	-86,969	-24.9%	-537	-0.2%	-116,828	-30.8%
2Q	**353,615**	359,913	**145,687**	-207,928	-58.8%	-214,225	-59.5%	368,608	**343,018**	**343,018**	**342,354**	**342,248**	**370,858**	-11,367 to -10,597	-3.2% to -3.0%	196,561 to 197,331	134.9% to 135.4%	-26,360 to -25,590	-7.2% to -6.9%
3Q	**370,744**	379,638	**249,075**	-121,668	-32.8%	-130,563	-34.4%	393,172	**374,727**	**373,816**	**369,995**	**369,299**	**425,120**	-1,445 to 3,983	-0.4% to 1.1%	120,223 to 125,651	48.3% to 50.4%	-23,873 to -18,445	-6.1% to -4.7%
4Q	**363,669**	373,559	**304,675**	-58,994	-16.2%	-68,885	-18.4%	388,969	**380,506**	**373,969**	**371,472**	**368,625**	**311,497**	4,956 to 16,836	1.4% to 4.6%	63,950 to 75,831	21.0% to 24.9%	-20,344 to -8,464	-5.2% to -2.2%
Total	**1,437,760**	1,483,292	**962,738**	-475,022	-33.0%	-520,554	-35.1%	1,530,341	**1,361,014**	**1,353,566**	**1,346,585**	**1,342,935**	**1,370,239**	-94,824 to -76,746	-6.6% to -5.3%	380,198 to 398,276	39.5% to 41.4%	-187,405 to -169,327	-12.2% to -11.1%

Source: ICAO estimates

Passenger number







Passenger Number (thousand) - Asia/Pacific International + Domestic																	
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**137,870**	147,276	**137,106**	-764	-0.6%	-10,171	-6.9%	154,196	**55,337**	**55,337**	**55,337**	**55,337**	**55,337**	-82,532	-59.9%	-81,768	-59.6%	-98,859	-64.1%
February	**131,703**	141,935	**76,476**	-55,227	-41.9%	-65,459	-46.1%	146,423	**49,043**	**49,043**	**49,043**	**49,043**	**49,043**	-82,660	-62.8%	-27,433	-35.9%	-97,380	-66.5%
March	**138,285**	145,229	**53,596**	-84,689	-61.2%	-91,633	-63.1%	148,631	**78,718**	**78,718**	**78,718**	**78,718**	**78,718**	-59,566	-43.1%	25,123	46.9%	-69,912	-47.0%
April	**136,254**	139,805	**21,365**	-114,889	-84.3%	-118,440	-84.7%	143,719	**82,367**	**82,367**	**82,367**	**82,367**	**82,367**	-53,887	-39.5%	61,002	285.5%	-61,352	-42.7%
May	**137,483**	141,889	**31,391**	-106,093	-77.2%	-110,499	-77.9%	146,600	**88,504**	**88,504**	**87,522**	**87,089**	**97,177**	-50,394 to -48,979	-36.7% to -35.6%	55,698 to 57,113	177.4% to 181.9%	-59,511 to -58,096	-40.6% to -39.6%
June	**137,863**	141,528	**41,611**	-96,253	-69.8%	-99,917	-70.6%	145,982	**91,479**	**91,479**	**89,323**	**88,394**	**110,871**	-49,470 to -46,385	-35.9% to -33.6%	46,783 to 49,868	112.4% to 119.8%	-57,588 to -54,503	-39.4% to -37.3%
July	**148,603**	153,217	**55,070**	-93,533	-62.9%	-98,147	-64.1%	160,215	**107,631**	**107,631**	**102,575**	**100,557**	**132,667**	-48,046 to -40,972	-32.3% to -27.6%	45,487 to 52,561	82.6% to 95.4%	-59,658 to -52,583	-37.2% to -32.8%
August	**150,491**	155,704	**58,521**	-91,969	-61.1%	-97,182	-62.4%	162,848	**113,290**	**113,290**	**105,855**	**103,336**	**138,098**	-47,155 to -37,200	-31.3% to -24.7%	44,815 to 54,769	76.6% to 93.6%	-59,512 to -49,558	-36.5% to -30.4%
September	**137,334**	141,809	**64,160**	-73,174	-53.3%	-77,649	-54.8%	147,973	**107,361**	**101,020**	**98,488**	**95,733**	**128,986**	-41,601 to -29,973	-30.3% to -21.8%	31,573 to 43,201	49.2% to 67.3%	-52,240 to -40,612	-35.3% to -27.4%
October	**143,446**	148,902	**75,995**	-67,451	-47.0%	-72,908	-49.0%	156,910	**117,147**	**106,140**	**107,196**	**102,893**	**134,837**	-40,553 to -26,299	-28.3% to -18.3%	26,898 to 41,152	35.4% to 54.2%	-54,017 to -39,763	-34.4% to -25.3%
November	**138,331**	143,968	**72,009**	-66,322	-47.9%	-71,959	-50.0%	150,923	**114,368**	**102,405**	**104,827**	**99,239**	**89,860**	-39,093 to -23,964	-28.3% to -17.3%	27,229 to 42,359	37.8% to 58.8%	-51,684 to -36,555	-34.2% to -24.2%
December	**142,703**	149,309	**71,609**	-71,094	-49.8%	-77,700	-52.0%	155,968	**119,336**	**106,370**	**109,616**	**102,514**	**92,445**	-40,190 to -23,367	-28.2% to -16.4%	30,904 to 47,727	43.2% to 66.6%	-53,454 to -36,631	-34.3% to -23.5%
1Q	**407,857**	434,441	**267,178**	-140,680	-34.5%	-167,263	-38.5%	449,250	**183,099**	**183,099**	**183,099**	**183,099**	**183,099**	-224,759	-55.1%	-84,079	-31.5%	-266,151	-59.2%
2Q	**411,601**	423,222	**94,366**	-317,235	-77.1%	-328,856	-77.7%	436,301	**262,349**	**262,349**	**259,213**	**257,850**	**290,415**	-153,751 to -149,251	-37.4% to -36.3%	163,484 to 167,983	173.2% to 178.0%	-178,451 to -173,952	-40.9% to -39.9%
3Q	**436,428**	450,729	**177,752**	-258,676	-59.3%	-272,978	-60.6%	471,036	**328,283**	**321,942**	**306,918**	**299,626**	**399,752**	-136,802 to -108,145	-31.3% to -24.8%	121,874 to 150,531	68.6% to 84.7%	-171,410 to -142,753	-36.4% to -30.3%
4Q	**424,481**	442,179	**219,613**	-204,867	-48.3%	-222,566	-50.3%	463,800	**350,851**	**314,915**	**321,639**	**304,645**	**317,142**	-119,835 to -73,630	-28.2% to -17.3%	85,032 to 131,238	38.7% to 59.8%	-159,155 to -112,949	-34.3% to -24.4%
Total	**1,680,367**	1,750,571	**758,909**	-921,458	-54.8%	-991,663	-56.6%	1,820,387	**1,124,582**	**1,082,305**	**1,070,868**	**1,045,220**	**1,190,408**	-635,147 to -555,785	-37.8% to -33.1%	286,311 to 365,673	37.7% to 48.2%	-775,167 to -695,805	-42.6% to -38.2%

Source: ICAO estimates

Passenger number

Passenger Number (thousand) - Asia/Pacific International

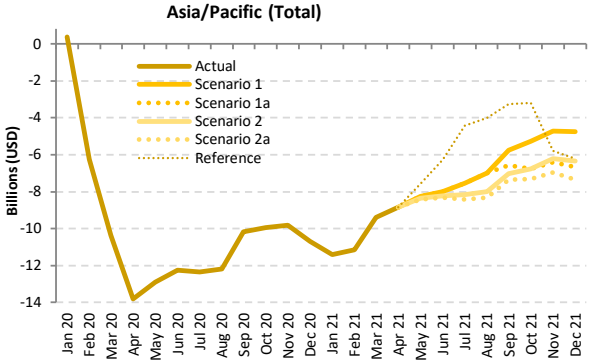
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**42,372**	45,737	**45,192**	2,820	6.7%	-546	-1.2%	48,117	**2,982**	**2,982**	**2,982**	**2,982**	**2,982**	-39,390	-93.0%	-42,210	-93.4%	-45,135	-93.8%
February	**38,698**	41,573	**25,691**	-13,007	-33.6%	-15,882	-38.2%	43,040	**2,409**	**2,409**	**2,409**	**2,409**	**2,409**	-36,289	-93.8%	-23,282	-90.6%	-40,631	-94.4%
March	**41,378**	43,296	**11,563**	-29,816	-72.1%	-31,734	-73.3%	44,909	**3,065**	**3,065**	**3,065**	**3,065**	**3,065**	-38,313	-92.6%	-8,497	-73.5%	-41,844	-93.2%
April	**41,000**	42,478	**1,342**	-39,658	-96.7%	-41,136	-96.8%	43,865	**3,477**	**3,477**	**3,477**	**3,477**	**3,477**	-37,523	-91.5%	2,135	159.1%	-40,388	-92.1%
May	**39,963**	41,839	**1,457**	-38,506	-96.4%	-40,382	-96.5%	43,476	**3,813**	**3,813**	**3,670**	**3,605**	**4,103**	-36,358 to -36,150	-91.0% to -90.5%	2,148 to 2,356	147.4% to 161.7%	-39,871 to -39,663	-91.7% to -91.2%
June	**40,683**	42,329	**1,626**	-39,057	-96.0%	-40,703	-96.2%	43,899	**4,919**	**4,919**	**4,454**	**4,282**	**6,843**	-36,402 to -35,765	-89.5% to -87.9%	2,655 to 3,292	163.3% to 202.4%	-39,617 to -38,980	-90.2% to -88.8%
July	**43,780**	45,477	**2,218**	-41,562	-94.9%	-43,259	-95.1%	47,947	**7,823**	**7,823**	**6,231**	**5,744**	**16,425**	-38,035 to -35,957	-86.9% to -82.1%	3,527 to 5,605	159.0% to 252.7%	-42,203 to -40,124	-88.0% to -83.7%
August	**44,296**	46,589	**2,331**	-41,965	-94.7%	-44,258	-95.0%	49,434	**10,248**	**10,248**	**7,269**	**6,547**	**18,181**	-37,749 to -34,048	-85.2% to -76.9%	4,217 to 7,917	180.9% to 339.7%	-42,887 to -39,186	-86.8% to -79.3%
September	**39,365**	40,698	**2,331**	-37,034	-94.1%	-38,367	-94.3%	42,976	**10,698**	**8,529**	**6,807**	**5,952**	**16,925**	-33,413 to -28,667	-84.9% to -72.8%	3,621 to 8,367	155.3% to 358.9%	-37,024 to -32,278	-86.2% to -75.1%
October	**40,850**	43,162	**2,440**	-38,410	-94.0%	-40,723	-94.3%	45,691	**13,336**	**9,104**	**8,416**	**6,940**	**18,725**	-33,910 to -27,514	-83.0% to -67.4%	4,501 to 10,897	184.5% to 446.6%	-38,751 to -32,355	-84.8% to -70.8%
November	**40,110**	42,716	**2,391**	-37,719	-94.0%	-40,325	-94.4%	45,427	**14,841**	**9,602**	**9,689**	**7,525**	**20,365**	-32,585 to -25,269	-81.2% to -63.0%	5,134 to 12,450	214.7% to 520.7%	-37,902 to -30,586	-83.4% to -67.3%
December	**43,970**	46,875	**2,880**	-41,090	-93.5%	-43,995	-93.9%	49,790	**18,175**	**11,878**	**12,404**	**9,261**	**22,332**	-34,710 to -25,795	-78.9% to -58.7%	6,381 to 15,295	221.6% to 531.1%	-40,529 to -31,615	-81.4% to -63.5%
1Q	**122,448**	130,606	**82,445**	-40,003	-32.7%	-48,161	-36.9%	136,066	**8,456**	**8,456**	**8,456**	**8,456**	**8,456**	-113,992	-93.1%	-73,989	-89.7%	-127,610	-93.8%
2Q	**121,647**	126,647	**4,425**	-117,222	-96.4%	-122,221	-96.5%	131,240	**12,209**	**12,209**	**11,601**	**11,364**	**14,422**	-110,283 to -109,438	-90.7% to -90.0%	6,938 to 7,784	156.8% to 175.9%	-119,876 to -119,031	-91.3% to -90.7%
3Q	**127,441**	132,763	**6,879**	-120,561	-94.6%	-125,884	-94.8%	140,356	**28,769**	**26,600**	**20,307**	**18,244**	**51,531**	-109,197 to -98,672	-85.7% to -77.4%	11,364 to 21,889	165.2% to 318.2%	-122,113 to -111,588	-87.0% to -79.5%
4Q	**124,930**	132,753	**7,711**	-117,220	-93.8%	-125,042	-94.2%	140,908	**46,352**	**30,584**	**30,509**	**23,726**	**61,422**	-101,204 to -78,578	-81.0% to -62.9%	16,016 to 38,641	207.7% to 501.1%	-117,182 to -94,556	-83.2% to -67.1%
Total	**496,466**	522,769	**101,461**	-395,005	-79.6%	-421,308	-80.6%	548,571	**95,786**	**77,849**	**70,872**	**61,789**	**135,831**	-434,676 to -400,680	-87.6% to -80.7%	-39,671 to -5,675	-39.1% to -5.6%	-486,781 to -452,785	-88.7% to -82.5%

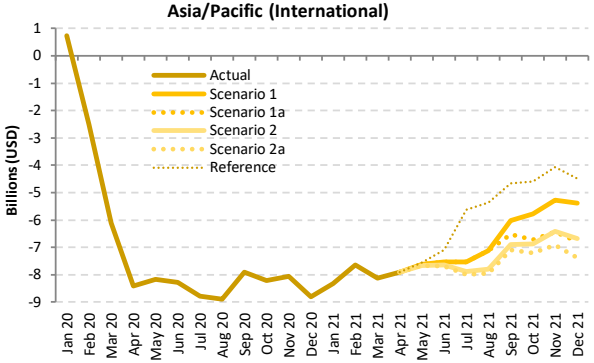
Passenger Number (thousand) - Asia/Pacific Domestic

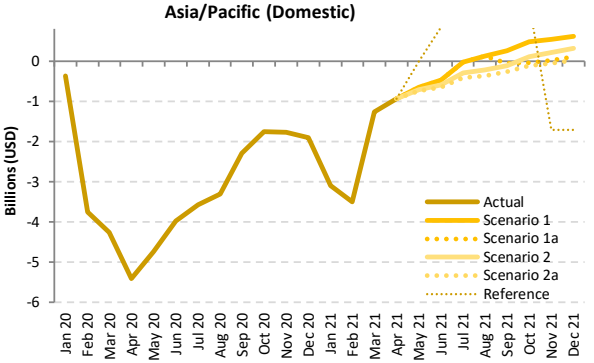
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**95,498**	101,539	**91,914**	-3,584	-3.8%	-9,625	-9.5%	106,078	**52,355**	**52,355**	**52,355**	**52,355**	**52,355**	-43,143	-45.2%	-39,559	-43.0%	-53,723	-50.6%
February	**93,005**	100,363	**50,785**	-42,220	-45.4%	-49,577	-49.4%	103,383	**46,634**	**46,634**	**46,634**	**46,634**	**46,634**	-46,371	-49.9%	-4,151	-8.2%	-56,749	-54.9%
March	**96,906**	101,933	**42,033**	-54,873	-56.6%	-59,900	-58.8%	103,722	**75,653**	**75,653**	**75,653**	**75,653**	**75,653**	-21,253	-21.9%	33,620	80.0%	-28,069	-27.1%
April	**95,254**	97,326	**20,023**	-75,231	-79.0%	-77,303	-79.4%	99,854	**78,890**	**78,890**	**78,890**	**78,890**	**78,890**	-16,364	-17.2%	58,867	294.0%	-20,964	-21.0%
May	**97,520**	100,050	**29,934**	-67,586	-69.3%	-70,116	-70.1%	103,124	**84,691**	**84,691**	**83,852**	**83,484**	**93,075**	-14,036 to -12,829	-14.4% to -13.2%	53,550 to 54,757	178.9% to 182.9%	-19,640 to -18,433	-19.0% to -17.9%
June	**97,180**	99,199	**39,984**	-57,196	-58.9%	-59,215	-59.7%	102,083	**86,560**	**86,560**	**84,870**	**84,112**	**104,029**	-13,068 to -10,620	-13.4% to -10.9%	44,128 to 46,575	110.4% to 116.5%	-17,971 to -15,523	-17.6% to -15.2%
July	**104,823**	107,740	**52,852**	-51,971	-49.6%	-54,888	-50.9%	112,268	**99,809**	**99,809**	**96,344**	**94,813**	**116,243**	-10,011 to -5,015	-9.6% to -4.8%	41,960 to 46,956	79.4% to 88.8%	-17,455 to -12,459	-15.5% to -11.1%
August	**106,195**	109,115	**56,191**	-50,004	-47.1%	-52,924	-48.5%	113,415	**103,042**	**103,042**	**98,586**	**96,789**	**119,917**	-9,406 to -3,152	-8.9% to -3.0%	40,598 to 46,852	72.3% to 83.4%	-16,626 to -10,372	-14.7% to -9.1%
September	**97,970**	101,111	**61,829**	-36,140	-36.9%	-39,282	-38.8%	104,997	**96,664**	**92,491**	**91,681**	**89,781**	**112,061**	-8,188 to -1,306	-8.4% to -1.3%	27,952 to 34,834	45.2% to 56.3%	-15,216 to -8,334	-14.5% to -7.9%
October	**102,596**	105,740	**73,555**	-29,041	-28.3%	-32,185	-30.4%	111,219	**103,811**	**97,036**	**98,780**	**95,953**	**116,112**	-6,643 to 1,215	-6.5% to 1.2%	22,398 to 30,256	30.5% to 41.1%	-15,266 to -7,408	-13.7% to -6.7%
November	**98,221**	101,252	**69,618**	-28,603	-29.1%	-31,634	-31.2%	105,496	**99,527**	**92,803**	**95,138**	**91,713**	**69,495**	-6,508 to 1,306	-6.6% to 1.3%	22,095 to 29,909	31.7% to 43.0%	-13,783 to -5,969	-13.1% to -5.7%
December	**98,733**	102,434	**68,730**	-30,003	-30.4%	-33,705	-32.9%	106,178	**101,161**	**94,492**	**97,213**	**93,253**	**70,113**	-5,480 to 2,428	-5.6% to 2.5%	24,524 to 32,431	35.7% to 47.2%	-12,925 to -5,017	-12.2% to -4.7%
1Q	**285,410**	303,835	**184,732**	-100,677	-35.3%	-119,102	-39.2%	313,184	**174,643**	**174,643**	**174,643**	**174,643**	**174,643**	-110,767	-38.8%	-10,090	-5.5%	-138,541	-44.2%
2Q	**289,954**	296,575	**89,941**	-200,013	-69.0%	-206,635	-69.7%	305,061	**250,140**	**250,140**	**247,612**	**246,486**	**275,993**	-43,468 to -39,813	-15.0% to -13.7%	156,545 to 160,199	174.1% to 178.1%	-58,575 to -54,921	-19.2% to -18.0%
3Q	**308,988**	317,966	**170,872**	-138,115	-44.7%	-147,094	-46.3%	330,680	**299,514**	**295,342**	**286,611**	**281,383**	**348,221**	-27,605 to -9,473	-8.9% to -3.1%	110,510 to 128,642	64.7% to 75.3%	-49,297 to -31,165	-14.9% to -9.4%
4Q	**299,550**	309,427	**211,903**	-87,648	-29.3%	-97,524	-31.5%	322,892	**304,499**	**284,331**	**291,130**	**280,919**	**255,720**	-18,631 to 4,949	-6.2% to 1.7%	69,017 to 92,596	32.6% to 43.7%	-41,973 to -18,393	-13.0% to -5.7%
Total	**1,183,901**	1,227,803	**657,448**	-526,453	-44.5%	-570,354	-46.5%	1,271,816	**1,028,796**	**1,004,456**	**999,996**	**983,430**	**1,054,577**	-200,471 to -155,105	-16.9% to -13.1%	325,982 to 371,348	49.6% to 56.5%	-288,386 to -243,020	-22.7% to -19.1%

Source: ICAO estimates

Passenger revenue







Passenger revenue (USD, million) - Asia/Pacific International + Domestic

Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**16,143**	17,369	**16,509**	367	2.3%	-859	-4.9%	18,283	**4,723**	**4,723**	**4,723**	**4,723**	**4,723**	-11,419	-70.7%	-11,786	-71.4%	-13,560	-74.2%
February	**15,204**	16,436	**8,944**	-6,260	-41.2%	-7,493	-45.6%	17,010	**4,056**	**4,056**	**4,056**	**4,056**	**4,056**	-11,148	-73.3%	-4,888	-54.6%	-12,954	-76.2%
March	**16,025**	16,822	**5,662**	-10,363	-64.7%	-11,160	-66.3%	17,297	**6,642**	**6,642**	**6,642**	**6,642**	**6,642**	-9,383	-58.6%	980	17.3%	-10,655	-61.6%
April	**15,803**	16,216	**1,991**	-13,812	-87.4%	-14,225	-87.7%	16,714	**6,965**	**6,965**	**6,965**	**6,965**	**6,965**	-8,838	-55.9%	4,974	249.8%	-9,749	-58.3%
May	**15,757**	16,277	**2,857**	-12,900	-81.9%	-13,420	-82.4%	16,834	**7,490**	**7,490**	**7,392**	**7,349**	**8,185**	-8,408 to -8,267	-53.4% to -52.5%	4,492 to 4,633	157.2% to 162.2%	-9,486 to -9,345	-56.3% to -55.5%
June	**15,883**	16,321	**3,625**	-12,257	-77.2%	-12,696	-77.8%	16,885	**7,885**	**7,885**	**7,649**	**7,550**	**9,616**	-8,332 to -7,998	-52.5% to -50.4%	3,925 to 4,260	108.3% to 117.5%	-9,335 to -9,000	-55.3% to -53.3%
July	**17,124**	17,639	**4,768**	-12,356	-72.2%	-12,872	-73.0%	18,489	**9,575**	**9,575**	**8,948**	**8,718**	**12,699**	-8,406 to -7,548	-49.1% to -44.1%	3,950 to 4,808	82.8% to 100.8%	-9,772 to -8,914	-52.8% to -48.2%
August	**17,364**	18,020	**5,169**	-12,195	-70.2%	-12,851	-71.3%	18,934	**10,369**	**10,369**	**9,356**	**9,053**	**13,372**	-8,311 to -6,994	-47.9% to -40.3%	3,884 to 5,200	75.1% to 100.6%	-9,881 to -8,565	-52.2% to -45.2%
September	**15,725**	16,161	**5,536**	-10,189	-64.8%	-10,625	-65.7%	16,922	**9,962**	**9,154**	**8,708**	**8,368**	**12,475**	-7,357 to -5,762	-46.8% to -36.6%	2,832 to 4,426	51.1% to 80.0%	-8,555 to -6,960	-50.6% to -41.1%
October	**16,389**	17,166	**6,429**	-9,960	-60.8%	-10,737	-62.5%	18,144	**11,107**	**9,638**	**9,625**	**9,073**	**13,200**	-7,316 to -5,282	-44.6% to -32.2%	2,644 to 4,678	41.1% to 72.8%	-9,072 to -7,037	-50.0% to -38.8%
November	**15,837**	16,655	**6,008**	-9,829	-62.1%	-10,647	-63.9%	17,564	**11,104**	**9,418**	**9,624**	**8,872**	**10,052**	-6,965 to -4,733	-44.0% to -29.9%	2,864 to 5,096	47.7% to 84.8%	-8,693 to -6,460	-49.5% to -36.8%
December	**16,741**	17,703	**6,041**	-10,699	-63.9%	-11,661	-65.9%	18,654	**11,974**	**10,060**	**10,394**	**9,383**	**10,541**	-7,357 to -4,767	-43.9% to -28.5%	3,342 to 5,933	55.3% to 98.2%	-9,271 to -6,680	-49.7% to -35.8%
1Q	**47,371**	50,627	**31,115**	-16,257	-34.3%	-19,512	-38.5%	52,590	**15,421**	**15,421**	**15,421**	**15,421**	**15,421**	-31,950	-67.4%	-15,693	-50.4%	-37,168	-70.7%
2Q	**47,442**	48,814	**8,473**	-38,970	-82.1%	-40,341	-82.6%	50,433	**22,339**	**22,339**	**22,005**	**21,864**	**24,766**	-25,579 to -25,103	-53.9% to -52.9%	13,391 to 13,866	158.0% to 163.7%	-28,570 to -28,094	-56.6% to -55.7%
3Q	**50,212**	51,821	**15,473**	-34,739	-69.2%	-36,348	-70.1%	54,346	**29,907**	**29,099**	**27,012**	**26,139**	**38,547**	-24,073 to -20,305	-47.9% to -40.4%	10,666 to 14,434	68.9% to 93.3%	-28,207 to -24,439	-51.9% to -45.0%
4Q	**48,966**	51,524	**18,479**	-30,488	-62.3%	-33,046	-64.1%	54,363	**34,185**	**29,117**	**29,644**	**27,328**	**33,793**	-21,639 to -14,781	-44.2% to -30.2%	8,849 to 15,707	47.9% to 85.0%	-27,035 to -20,177	-49.7% to -37.1%
Total	**193,992**	202,786	**73,539**	-120,453	-62.1%	-129,247	-63.7%	211,731	**101,853**	**95,976**	**94,083**	**90,752**	**112,527**	-103,240 to -92,138	-53.2% to -47.5%	17,213 to 28,314	23.4% to 38.5%	-120,980 to -109,878	-57.1% to -51.9%

Source: ICAO estimates

Passenger revenue

Passenger revenue (USD, million) - Asia/Pacific International

Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**9,018**	9,778	**9,744**	726	8.0%	-34	-0.3%	10,303	**687**	**687**	**687**	**687**	**687**	-8,332	-92.4%	-9,058	-93.0%	-9,616	-93.3%
February	**8,209**	8,877	**5,701**	-2,508	-30.6%	-3,176	-35.8%	9,185	**556**	**556**	**556**	**556**	**556**	-7,653	-93.2%	-5,145	-90.2%	-8,629	-93.9%
March	**8,830**	9,243	**2,721**	-6,109	-69.2%	-6,522	-70.6%	9,545	**699**	**699**	**699**	**699**	**699**	-8,131	-92.1%	-2,022	-74.3%	-8,846	-92.7%
April	**8,704**	8,993	**298**	-8,405	-96.6%	-8,695	-96.7%	9,301	**793**	**793**	**793**	**793**	**793**	-7,911	-90.9%	495	166.0%	-8,508	-91.5%
May	**8,493**	8,864	**326**	-8,167	-96.2%	-8,538	-96.3%	9,196	**869**	**869**	**837**	**822**	**935**	-7,671 to -7,623	-90.3% to -89.8%	496 to 543	152.3% to 166.8%	-8,374 to -8,326	-91.1% to -90.5%
June	**8,656**	8,976	**373**	-8,283	-95.7%	-8,603	-95.8%	9,319	**1,120**	**1,120**	**1,014**	**975**	**1,551**	-7,681 to -7,536	-88.7% to -87.1%	602 to 747	161.5% to 200.3%	-8,344 to -8,199	-89.5% to -88.0%
July	**9,302**	9,644	**510**	-8,792	-94.5%	-9,134	-94.7%	10,155	**1,777**	**1,777**	**1,418**	**1,307**	**3,678**	-7,995 to -7,525	-85.9% to -80.9%	798 to 1,268	156.5% to 248.7%	-8,848 to -8,378	-87.1% to -82.5%
August	**9,441**	9,923	**550**	-8,891	-94.2%	-9,372	-94.5%	10,512	**2,322**	**2,322**	**1,652**	**1,489**	**4,070**	-7,953 to -7,119	-84.2% to -75.4%	938 to 1,772	170.5% to 321.9%	-9,024 to -8,191	-85.8% to -77.9%
September	**8,448**	8,696	**546**	-7,902	-93.5%	-8,150	-93.7%	9,176	**2,417**	**1,932**	**1,546**	**1,352**	**3,784**	-7,095 to -6,031	-84.0% to -71.4%	806 to 1,871	147.7% to 342.8%	-7,824 to -6,759	-85.3% to -73.7%
October	**8,781**	9,295	**570**	-8,211	-93.5%	-8,725	-93.9%	9,850	**3,007**	**2,062**	**1,909**	**1,576**	**4,185**	-7,205 to -5,774	-82.1% to -65.8%	1,006 to 2,437	176.5% to 427.6%	-8,274 to -6,842	-84.0% to -69.5%
November	**8,618**	9,206	**561**	-8,057	-93.5%	-8,645	-93.9%	9,798	**3,342**	**2,173**	**2,195**	**1,707**	**4,546**	-6,910 to -5,276	-80.2% to -61.2%	1,147 to 2,781	204.4% to 495.8%	-8,091 to -6,457	-82.6% to -65.9%
December	**9,475**	10,148	**676**	-8,800	-92.9%	-9,472	-93.3%	10,795	**4,087**	**2,686**	**2,806**	**2,100**	**4,986**	-7,376 to -5,389	-77.8% to -56.9%	1,424 to 3,411	210.8% to 504.9%	-8,695 to -6,708	-80.5% to -62.1%
1Q	**26,058**	27,897	**18,167**	-7,891	-30.3%	-9,731	-34.9%	29,033	**1,942**	**1,942**	**1,942**	**1,942**	**1,942**	-24,116	-92.5%	-16,225	-89.3%	-27,091	-93.3%
2Q	**25,852**	26,832	**997**	-24,855	-96.1%	-25,836	-96.3%	27,816	**2,782**	**2,782**	**2,644**	**2,590**	**3,279**	-23,262 to -23,070	-90.0% to -89.2%	1,593 to 1,785	159.8% to 179.1%	-25,226 to -25,034	-90.7% to -90.0%
3Q	**27,191**	28,263	**1,606**	-25,585	-94.1%	-26,657	-94.3%	29,844	**6,516**	**6,031**	**4,616**	**4,148**	**11,531**	-23,043 to -20,675	-84.7% to -76.0%	2,543 to 4,911	158.3% to 305.8%	-25,695 to -23,327	-86.1% to -78.2%
4Q	**26,875**	28,648	**1,806**	-25,068	-93.3%	-26,842	-93.7%	30,443	**10,436**	**6,921**	**6,910**	**5,383**	**13,718**	-21,491 to -16,439	-80.0% to -61.2%	3,577 to 8,629	198.0% to 477.7%	-25,060 to -20,007	-82.3% to -65.7%
Total	**105,975**	111,641	**22,576**	-83,400	-78.7%	-89,065	-79.8%	117,135	**21,676**	**17,676**	**16,111**	**14,063**	**30,470**	-91,912 to -84,300	-86.7% to -79.5%	-8,513 to -900	-37.7% to -4.0%	-103,072 to -95,460	-88.0% to -81.5%

Passenger revenue (USD, million) - Asia/Pacific Domestic

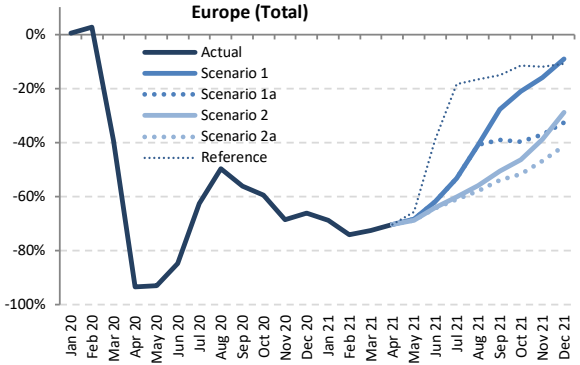
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**7,124**	7,591	**6,765**	-359	-5.0%	-826	-10.9%	7,980	**4,037**	**4,037**	**4,037**	**4,037**	**4,037**	-3,087	-43.3%	-2,728	-40.3%	-3,943	-49.4%
February	**6,995**	7,560	**3,242**	-3,752	-53.6%	-4,317	-57.1%	7,825	**3,500**	**3,500**	**3,500**	**3,500**	**3,500**	-3,495	-50.0%	258	7.9%	-4,325	-55.3%
March	**7,195**	7,579	**2,941**	-4,254	-59.1%	-4,638	-61.2%	7,752	**5,943**	**5,943**	**5,943**	**5,943**	**5,943**	-1,252	-17.4%	3,002	102.1%	-1,809	-23.3%
April	**7,099**	7,223	**1,693**	-5,406	-76.2%	-5,530	-76.6%	7,412	**6,172**	**6,172**	**6,172**	**6,172**	**6,172**	-927	-13.1%	4,479	264.6%	-1,241	-16.7%
May	**7,264**	7,413	**2,531**	-4,733	-65.2%	-4,882	-65.9%	7,639	**6,620**	**6,620**	**6,556**	**6,527**	**7,251**	-737 to -644	-10.2% to -8.9%	3,996 to 4,090	157.9% to 161.6%	-1,112 to -1,018	-14.6% to -13.3%
June	**7,227**	7,345	**3,252**	-3,974	-55.0%	-4,093	-55.7%	7,566	**6,765**	**6,765**	**6,634**	**6,575**	**8,065**	-652 to -462	-9.0% to -6.4%	3,323 to 3,513	102.2% to 108.0%	-991 to -801	-13.1% to -10.6%
July	**7,822**	7,995	**4,258**	-3,564	-45.6%	-3,737	-46.7%	8,334	**7,798**	**7,798**	**7,530**	**7,411**	**9,022**	-411 to -24	-5.3% to -0.3%	3,152 to 3,540	74.0% to 83.1%	-923 to -536	-11.1% to -6.4%
August	**7,922**	8,098	**4,619**	-3,303	-41.7%	-3,479	-43.0%	8,421	**8,047**	**8,047**	**7,704**	**7,564**	**9,303**	-358 to 125	-4.5% to 1.6%	2,945 to 3,429	63.8% to 74.2%	-857 to -374	-10.2% to -4.4%
September	**7,277**	7,465	**4,990**	-2,287	-31.4%	-2,475	-33.2%	7,746	**7,545**	**7,222**	**7,163**	**7,016**	**8,691**	-261 to 268	-3.6% to 3.7%	2,025 to 2,555	40.6% to 51.2%	-731 to -201	-9.4% to -2.6%
October	**7,608**	7,872	**5,859**	-1,748	-23.0%	-2,013	-25.6%	8,295	**8,100**	**7,576**	**7,716**	**7,497**	**9,015**	-111 to 492	-1.5% to 6.5%	1,638 to 2,241	28.0% to 38.2%	-798 to -195	-9.6% to -2.3%
November	**7,219**	7,450	**5,447**	-1,772	-24.5%	-2,002	-26.9%	7,766	**7,763**	**7,245**	**7,429**	**7,164**	**5,506**	-55 to 544	-0.8% to 7.5%	1,717 to 2,315	31.5% to 42.5%	-602 to -3	-7.7% to 0.0%
December	**7,265**	7,555	**5,366**	-1,899	-26.1%	-2,189	-29.0%	7,859	**7,887**	**7,375**	**7,588**	**7,283**	**5,555**	18 to 622	0.3% to 8.6%	1,918 to 2,522	35.7% to 47.0%	-575 to 28	-7.3% to 0.4%
1Q	**21,313**	22,730	**12,948**	-8,366	-39.3%	-9,782	-43.0%	23,557	**13,480**	**13,480**	**13,480**	**13,480**	**13,480**	-7,834	-36.8%	532	4.1%	-10,077	-42.8%
2Q	**21,590**	21,981	**7,476**	-14,114	-65.4%	-14,505	-66.0%	22,618	**19,557**	**19,557**	**19,362**	**19,274**	**21,487**	-2,316 to -2,033	-10.7% to -9.4%	11,798 to 12,081	157.8% to 161.6%	-3,344 to -3,060	-14.8% to -13.5%
3Q	**23,021**	23,558	**13,867**	-9,154	-39.8%	-9,691	-41.1%	24,502	**23,391**	**23,068**	**22,397**	**21,990**	**27,015**	-1,030 to 370	-4.5% to 1.6%	8,123 to 9,524	58.6% to 68.7%	-2,512 to -1,111	-10.3% to -4.5%
4Q	**22,092**	22,876	**16,672**	-5,420	-24.5%	-6,204	-27.1%	23,920	**23,750**	**22,196**	**22,734**	**21,945**	**20,075**	-147 to 1,658	-0.7% to 7.5%	5,273 to 7,078	31.6% to 42.5%	-1,975 to -170	-8.3% to -0.7%
Total	**88,016**	91,145	**50,963**	-37,053	-42.1%	-40,182	-44.1%	94,596	**80,177**	**78,301**	**77,972**	**76,688**	**82,057**	-11,328 to -7,839	-12.9% to -8.9%	25,725 to 29,214	50.5% to 57.3%	-17,907 to -14,418	-18.9% to -15.2%

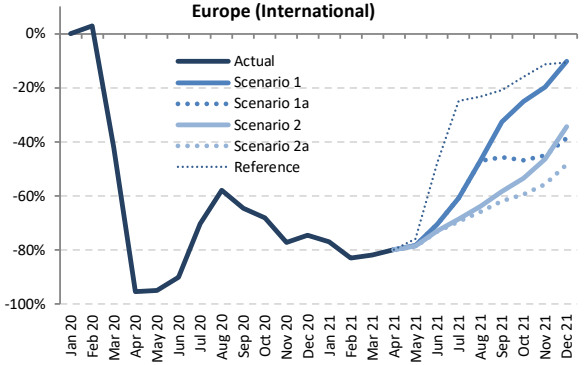
Source: ICAO estimates

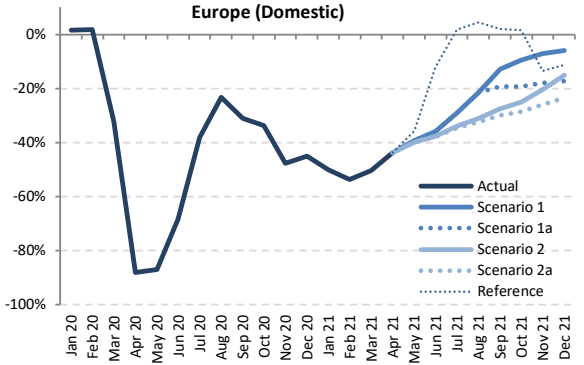
Europe

Compared to 2019	Seat capacity (%)			Passenger number (thousand)						Passenger revenue (USD, million)		
	Total	International	Domestic	Total		International		Domestic		Total	International	Domestic
1Q 2020	-12.8%	-14.0%	-10.2%	-41,006	-17.5%	-30,007	-18.1%	-10,999	-16.0%	-5,254	-4,350	-904
2Q 2020	-90.1%	-93.3%	-80.9%	-291,115	-94.2%	-223,363	-96.8%	-67,752	-86.4%	-36,388	-30,818	-5,570
3Q 2020	-56.1%	-64.2%	-30.8%	-237,528	-67.8%	-208,114	-78.3%	-29,413	-34.8%	-32,076	-29,658	-2,418
4Q 2020	-64.3%	-72.8%	-41.9%	-199,738	-75.2%	-163,060	-84.4%	-36,679	-50.6%	-26,348	-23,332	-3,016
Total 2020	**-57.9%**	**-63.9%**	**-41.4%**	**-769,388**	**-66.4%**	**-624,545**	**-73.0%**	**-144,843**	**-47.6%**	**-100,066**	**-88,158**	**-11,908**
1Q 2021	-71.8%	-80.5%	-51.3%	-182,799	-78.0%	-147,004	-88.6%	-35,795	-52.2%	-24,141	-21,198	-2,943
2Q 2021	-67.7% to -66.7%	-77.1% to -76.0%	-40.4% to -39.6%	-228,778 to -225,041	-74.0% to -72.8%	-196,564 to -193,541	-85.2% to -83.9%	-32,214 to -31,500	-41.1% to -40.2%	-28,974 to -28,437	-26,325 to -25,847	-2,648 to -2,590
3Q 2021	-57.6% to -40.8%	-65.8% to -47.1%	-32.3% to -21.1%	-226,515 to -164,929	-64.6% to -47.1%	-198,590 to -146,410	-74.7% to -55.1%	-27,925 to -18,519	-33.0% to -21.9%	-28,097 to -19,461	-25,801 to -17,938	-2,296 to -1,523
4Q 2021	-46.9% to -15.7%	-55.0% to -18.8%	-26.1% to -7.6%	-146,099 to -60,631	-55.0% to -22.8%	-126,574 to -54,539	-65.5% to -28.2%	-19,525 to -6,093	-26.9% to -8.4%	-18,686 to -7,023	-17,081 to -6,522	-1,605 to -501
Total 2021	**-60.8% to -48.4%**	**-69.3% to -55.1%**	**-37.3% to -29.6%**	**-784,191 to -633,400**	**-67.6% to -54.6%**	**-668,731 to -541,493**	**-78.2% to -63.3%**	**-115,460 to -91,907**	**-38.0% to -30.2%**	**-99,898 to -79,062**	**-90,405 to -71,506**	**-9,493 to -7,556**

Seat capacity







Seat Capacity (thousand) - Europe International + Domestic

Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**99,253**	99,375	**99,726**	473	0.5%	351	0.4%	100,036	**30,906**	**30,906**	**30,906**	**30,906**	**30,906**	-68,347	-68.9%	-68,820	-69.0%	-69,130	-69.1%
February	**91,124**	94,787	**93,460**	2,336	2.6%	-1,327	-1.4%	97,338	**23,530**	**23,530**	**23,530**	**23,530**	**23,530**	-67,594	-74.2%	-69,930	-74.8%	-73,808	-75.8%
March	**103,536**	106,115	**62,972**	-40,564	-39.2%	-43,143	-40.7%	107,071	**28,404**	**28,404**	**28,404**	**28,404**	**28,404**	-75,132	-72.6%	-34,568	-54.9%	-78,667	-73.5%
April	**114,022**	116,283	**7,473**	-106,550	-93.4%	-108,810	-93.6%	119,174	**33,816**	**33,816**	**33,816**	**33,816**	**33,816**	-80,207	-70.3%	26,343	352.5%	-85,359	-71.6%
May	**125,466**	125,962	**9,002**	-116,464	-92.8%	-116,960	-92.9%	127,206	**39,842**	**39,842**	**39,317**	**39,249**	**43,190**	-86,217 to -85,624	-68.7% to -68.2%	30,247 to 30,840	336.0% to 342.6%	-87,957 to -87,364	-69.1% to -68.7%
June	**131,250**	134,506	**20,086**	-111,164	-84.7%	-114,420	-85.1%	139,176	**49,922**	**49,922**	**47,071**	**46,707**	**80,151**	-84,544 to -81,329	-64.4% to -62.0%	26,620 to 29,835	132.5% to 148.5%	-92,470 to -89,255	-66.4% to -64.1%
July	**138,193**	141,020	**51,734**	-86,459	-62.6%	-89,285	-63.3%	145,732	**64,634**	**64,634**	**54,987**	**53,806**	**112,681**	-84,388 to -73,559	-61.1% to -53.2%	2,071 to 12,900	4.0% to 24.9%	-91,926 to -81,098	-63.1% to -55.6%
August	**138,574**	140,740	**69,746**	-68,828	-49.7%	-70,994	-50.4%	144,827	**81,969**	**81,969**	**61,004**	**58,492**	**115,460**	-80,082 to -56,604	-57.8% to -40.8%	-11,254 to 12,223	-16.1% to 17.5%	-86,335 to -62,858	-59.6% to -43.4%
September	**131,857**	133,819	**57,919**	-73,938	-56.1%	-75,901	-56.7%	137,444	**95,337**	**80,421**	**65,147**	**60,772**	**112,047**	-71,085 to -36,520	-53.9% to -27.7%	2,854 to 37,418	4.9% to 64.6%	-76,671 to -42,107	-55.8% to -30.6%
October	**124,268**	123,908	**50,535**	-73,733	-59.3%	-73,373	-59.2%	125,237	**98,181**	**74,949**	**66,766**	**60,134**	**109,980**	-64,134 to -26,087	-51.6% to -21.0%	9,599 to 47,646	19.0% to 94.3%	-65,102 to -27,055	-52.0% to -21.6%
November	**99,741**	99,324	**31,359**	-68,383	-68.6%	-67,965	-68.4%	100,242	**83,844**	**62,746**	**61,106**	**52,986**	**87,794**	-46,756 to -15,898	-46.9% to -15.9%	21,627 to 52,485	69.0% to 167.4%	-47,257 to -16,398	-47.1% to -16.4%
December	**100,677**	102,476	**34,178**	-66,499	-66.1%	-68,299	-66.6%	105,459	**91,631**	**67,917**	**71,557**	**59,147**	**89,784**	-41,529 to -9,045	-41.3% to -9.0%	24,970 to 57,453	73.1% to 168.1%	-46,311 to -13,827	-43.9% to -13.1%
1Q	**293,912**	300,277	**256,158**	-37,755	-12.8%	-44,119	-14.7%	304,445	**82,840**	**82,840**	**82,840**	**82,840**	**82,840**	-211,073	-71.8%	-173,318	-67.7%	-221,605	-72.8%
2Q	**370,739**	376,751	**36,561**	-334,178	-90.1%	-340,191	-90.3%	385,556	**123,579**	**123,579**	**120,203**	**119,772**	**157,156**	-250,967 to -247,160	-67.7% to -66.7%	83,211 to 87,019	227.6% to 238.0%	-265,785 to -261,977	-68.9% to -67.9%
3Q	**408,624**	415,579	**179,399**	-229,225	-56.1%	-236,180	-56.8%	428,003	**241,940**	**227,025**	**181,138**	**173,070**	**340,188**	-235,554 to -166,684	-57.6% to -40.8%	-6,329 to 62,541	-3.5% to 34.9%	-254,933 to -186,062	-59.6% to -43.5%
4Q	**324,686**	325,708	**116,072**	-208,614	-64.3%	-209,636	-64.4%	330,937	**273,656**	**205,613**	**199,429**	**172,268**	**287,558**	-152,419 to -51,030	-46.9% to -15.7%	56,196 to 157,584	48.4% to 135.8%	-158,670 to -57,281	-47.9% to -17.3%
Total	**1,397,961**	1,418,315	**588,189**	-809,772	-57.9%	-830,126	-58.5%	1,448,941	**722,015**	**639,057**	**583,610**	**547,949**	**867,743**	-850,013 to -675,946	-60.8% to -48.4%	-40,240 to 133,826	-6.8% to 22.8%	-900,993 to -726,926	-62.2% to -50.2%

Source: ICAO estimates

Seat capacity

Seat Capacity (thousand) - Europe International

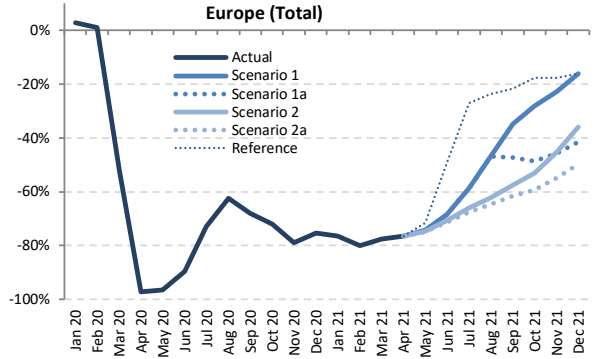
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**69,546**	70,173	**69,578**	33	0.0%	-594	-0.8%	71,125	**16,093**	**16,093**	**16,093**	**16,093**	**16,093**	-53,453	-76.9%	-53,485	-76.9%	-55,032	-77.4%
February	**63,796**	67,633	**65,647**	1,851	2.9%	-1,986	-2.9%	69,524	**10,860**	**10,860**	**10,860**	**10,860**	**10,860**	-52,936	-83.0%	-54,787	-83.5%	-58,664	-84.4%
March	**72,868**	76,030	**42,188**	-30,680	-42.1%	-33,842	-44.5%	77,348	**13,159**	**13,159**	**13,159**	**13,159**	**13,159**	-59,710	-81.9%	-29,030	-68.8%	-64,190	-83.0%
April	**83,899**	86,297	**3,879**	-80,020	-95.4%	-82,418	-95.5%	89,399	**16,849**	**16,849**	**16,849**	**16,849**	**16,849**	-67,050	-79.9%	12,970	334.3%	-72,549	-81.2%
May	**93,237**	93,961	**4,820**	-88,417	-94.8%	-89,141	-94.9%	95,137	**20,296**	**20,296**	**19,941**	**19,901**	**22,482**	-73,336 to -72,942	-78.7% to -78.2%	15,081 to 15,475	312.8% to 321.0%	-75,235 to -74,841	-79.1% to -78.7%
June	**98,521**	102,007	**9,702**	-88,819	-90.2%	-92,306	-90.5%	106,619	**28,967**	**28,967**	**26,667**	**26,386**	**51,426**	-72,134 to -69,553	-73.2% to -70.6%	16,685 to 19,266	172.0% to 198.6%	-80,232 to -77,652	-75.3% to -72.8%
July	**105,080**	108,140	**31,270**	-73,810	-70.2%	-76,870	-71.1%	112,445	**41,110**	**41,110**	**33,093**	**32,144**	**78,973**	-72,936 to -63,970	-69.4% to -60.9%	874 to 9,840	2.8% to 31.5%	-80,301 to -71,335	-71.4% to -63.4%
August	**105,456**	107,856	**44,327**	-61,129	-58.0%	-63,529	-58.9%	111,682	**55,966**	**55,966**	**38,147**	**36,097**	**80,875**	-69,359 to -49,490	-65.8% to -46.9%	-8,230 to 11,639	-18.6% to 26.3%	-75,585 to -55,716	-67.7% to -49.9%
September	**98,705**	100,901	**35,050**	-63,655	-64.5%	-65,851	-65.3%	104,209	**66,448**	**53,644**	**41,101**	**37,535**	**78,221**	-61,170 to -32,257	-62.0% to -32.7%	2,485 to 31,398	7.1% to 89.6%	-66,673 to -37,761	-64.0% to -36.2%
October	**92,377**	92,558	**29,384**	-62,994	-68.2%	-63,175	-68.3%	93,804	**69,314**	**49,237**	**42,899**	**37,391**	**77,602**	-54,986 to -23,063	-59.5% to -25.0%	8,007 to 39,930	27.3% to 135.9%	-56,413 to -24,490	-60.1% to -26.1%
November	**70,369**	70,451	**16,025**	-54,344	-77.2%	-54,426	-77.3%	71,126	**56,547**	**38,651**	**37,708**	**31,243**	**62,410**	-39,126 to -13,822	-55.6% to -19.6%	15,219 to 40,523	95.0% to 252.9%	-39,883 to -14,579	-56.1% to -20.5%
December	**71,715**	74,164	**18,267**	-53,449	-74.5%	-55,898	-75.4%	76,885	**64,424**	**43,991**	**46,986**	**36,983**	**64,076**	-34,732 to -7,291	-48.4% to -10.2%	18,717 to 46,158	102.5% to 252.7%	-39,901 to -12,460	-51.9% to -16.2%
1Q	**206,210**	213,835	**177,414**	-28,796	-14.0%	-36,422	-17.0%	217,997	**40,111**	**40,111**	**40,111**	**40,111**	**40,111**	-166,098	-80.5%	-137,302	-77.4%	-177,886	-81.6%
2Q	**275,657**	282,266	**18,401**	-257,256	-93.3%	-263,864	-93.5%	291,154	**66,112**	**66,112**	**63,457**	**63,137**	**90,757**	-212,520 to -209,545	-77.1% to -76.0%	44,736 to 47,711	243.1% to 259.3%	-228,017 to -225,042	-78.3% to -77.3%
3Q	**309,241**	316,897	**110,647**	-198,594	-64.2%	-206,250	-65.1%	328,336	**163,524**	**150,719**	**112,341**	**105,776**	**238,068**	-203,465 to -145,717	-65.8% to -47.1%	-4,871 to 52,877	-4.4% to 47.8%	-222,560 to -164,812	-67.8% to -50.2%
4Q	**234,461**	237,173	**63,675**	-170,787	-72.8%	-173,499	-73.2%	241,815	**190,286**	**131,879**	**127,593**	**105,617**	**204,088**	-128,844 to -44,176	-55.0% to -18.8%	41,943 to 126,611	65.9% to 198.8%	-136,198 to -51,530	-56.3% to -21.3%
Total	**1,025,570**	1,050,171	**370,136**	-655,433	-63.9%	-680,035	-64.8%	1,079,302	**460,033**	**388,822**	**343,502**	**314,642**	**573,025**	-710,928 to -565,536	-69.3% to -55.1%	-55,495 to 89,897	-15.0% to 24.3%	-764,660 to -619,269	-70.8% to -57.4%

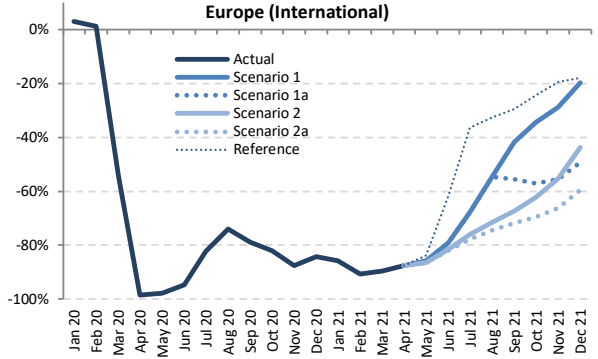
Seat Capacity (thousand) - Europe Domestic

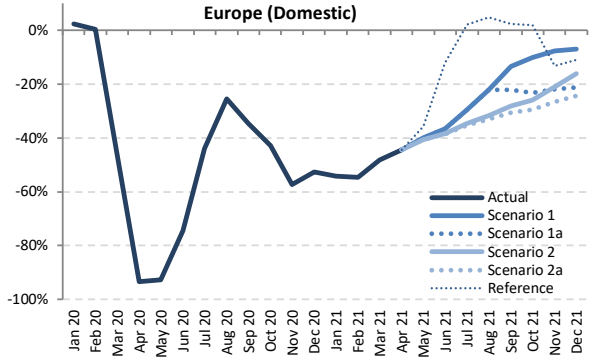
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**29,708**	29,203	**30,148**	440	1.5%	945	3.2%	28,911	**14,813**	**14,813**	**14,813**	**14,813**	**14,813**	-14,894	-50.1%	-15,334	-50.9%	-14,098	-48.8%
February	**27,328**	27,154	**27,813**	485	1.8%	659	2.4%	27,814	**12,670**	**12,670**	**12,670**	**12,670**	**12,670**	-14,658	-53.6%	-15,143	-54.4%	-15,144	-54.4%
March	**30,667**	30,085	**20,783**	-9,884	-32.2%	-9,301	-30.9%	29,723	**15,245**	**15,245**	**15,245**	**15,245**	**15,245**	-15,422	-50.3%	-5,538	-26.6%	-14,478	-48.7%
April	**30,123**	29,986	**3,593**	-26,530	-88.1%	-26,393	-88.0%	29,776	**16,967**	**16,967**	**16,967**	**16,967**	**16,967**	-13,157	-43.7%	13,373	372.2%	-12,809	-43.0%
May	**32,229**	32,001	**4,181**	-28,047	-87.0%	-27,820	-86.9%	32,069	**19,546**	**19,546**	**19,376**	**19,348**	**20,708**	-12,881 to -12,682	-40.0% to -39.4%	15,166 to 15,365	362.7% to 367.5%	-12,722 to -12,523	-39.7% to -39.0%
June	**32,730**	32,499	**10,385**	-22,345	-68.3%	-22,114	-68.0%	32,558	**20,954**	**20,954**	**20,404**	**20,320**	**28,724**	-12,410 to -11,775	-37.9% to -36.0%	9,936 to 10,570	95.7% to 101.8%	-12,237 to -11,603	-37.6% to -35.6%
July	**33,114**	32,880	**20,465**	-12,649	-38.2%	-12,415	-37.8%	33,287	**23,524**	**23,524**	**21,894**	**21,662**	**33,709**	-11,452 to -9,590	-34.6% to -29.0%	1,197 to 3,059	5.9% to 14.9%	-11,625 to -9,763	-34.9% to -29.3%
August	**33,118**	32,884	**25,419**	-7,699	-23.2%	-7,465	-22.7%	33,145	**26,004**	**26,004**	**22,857**	**22,395**	**34,585**	-10,722 to -7,114	-32.4% to -21.5%	-3,024 to 585	-11.9% to 2.3%	-10,750 to -7,142	-32.4% to -21.5%
September	**33,152**	32,918	**22,869**	-10,283	-31.0%	-10,049	-30.5%	33,235	**28,889**	**26,778**	**24,046**	**23,237**	**33,827**	-9,915 to -4,263	-29.9% to -12.9%	368 to 6,020	1.6% to 26.3%	-9,998 to -4,346	-30.1% to -13.1%
October	**31,891**	31,349	**21,152**	-10,739	-33.7%	-10,198	-32.5%	31,433	**28,867**	**25,712**	**23,868**	**22,744**	**32,378**	-9,148 to -3,024	-28.7% to -9.5%	1,592 to 7,715	7.5% to 36.5%	-8,689 to -2,566	-27.6% to -8.2%
November	**29,373**	28,874	**15,334**	-14,038	-47.8%	-13,539	-46.9%	29,116	**27,297**	**24,095**	**23,398**	**21,742**	**25,384**	-7,630 to -2,076	-26.0% to -7.1%	6,408 to 11,962	41.8% to 78.0%	-7,373 to -1,819	-25.3% to -6.2%
December	**28,961**	28,312	**15,911**	-13,050	-45.1%	-12,401	-43.8%	28,574	**27,207**	**23,927**	**24,570**	**22,164**	**25,707**	-6,797 to -1,754	-23.5% to -6.1%	6,253 to 11,296	39.3% to 71.0%	-6,410 to -1,367	-22.4% to -4.8%
1Q	**87,703**	86,441	**78,744**	-8,959	-10.2%	-7,698	-8.9%	86,448	**42,728**	**42,728**	**42,728**	**42,728**	**42,728**	-44,974	-51.3%	-36,016	-45.7%	-43,719	-50.6%
2Q	**95,081**	94,486	**18,159**	-76,922	-80.9%	-76,327	-80.8%	94,403	**57,467**	**57,467**	**56,746**	**56,634**	**66,399**	-38,447 to -37,614	-40.4% to -39.6%	38,475 to 39,308	211.9% to 216.5%	-37,768 to -36,935	-40.0% to -39.1%
3Q	**99,383**	98,682	**68,752**	-30,631	-30.8%	-29,929	-30.3%	99,667	**78,416**	**76,305**	**68,797**	**67,294**	**102,120**	-32,089 to -20,967	-32.3% to -21.1%	-1,458 to 9,664	-2.1% to 14.1%	-32,373 to -21,251	-32.5% to -21.3%
4Q	**90,225**	88,535	**52,397**	-37,828	-41.9%	-36,138	-40.8%	89,122	**83,370**	**73,734**	**71,836**	**66,650**	**83,470**	-23,575 to -6,854	-26.1% to -7.6%	14,253 to 30,973	27.2% to 59.1%	-22,472 to -5,752	-25.2% to -6.5%
Total	**372,392**	368,144	**218,053**	-154,339	-41.4%	-150,091	-40.8%	369,639	**261,982**	**250,235**	**240,107**	**233,307**	**294,717**	-139,085 to -110,410	-37.3% to -29.6%	15,254 to 43,930	7.0% to 20.1%	-136,332 to -107,657	-36.9% to -29.1%

Source: ICAO estimates

Passenger number







Passenger Number (thousand) - Europe International + Domestic																		
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**77,394**	78,008	**79,596**	2,201	2.8%	1,588	2.0%	78,169	**18,151**	**18,151**	**18,151**	**18,151**	**18,151**	-59,243	-76.5%	-61,445	-77.2%	-60,018	-76.8%
February	**72,562**	76,002	**73,287**	724	1.0%	-2,716	-3.6%	77,679	**14,518**	**14,518**	**14,518**	**14,518**	**14,518**	-58,045	-80.0%	-58,769	-80.2%	-63,161	-81.3%
March	**84,453**	87,165	**40,521**	-43,932	-52.0%	-46,644	-53.5%	87,532	**18,942**	**18,942**	**18,942**	**18,942**	**18,942**	-65,511	-77.6%	-21,579	-53.3%	-68,590	-78.4%
April	**94,970**	97,515	**2,689**	-92,280	-97.2%	-94,825	-97.2%	99,440	**22,470**	**22,470**	**22,470**	**22,470**	**22,470**	-72,500	-76.3%	19,780	735.5%	-76,970	-77.4%
May	**102,335**	103,397	**3,673**	-98,662	-96.4%	-99,724	-96.4%	103,841	**26,392**	**26,392**	**25,863**	**25,714**	**29,123**	-76,620 to -75,942	-74.9% to -74.2%	22,042 to 22,719	600.1% to 618.6%	-78,127 to -77,449	-75.2% to -74.6%
June	**111,802**	115,361	**11,629**	-100,173	-89.6%	-103,733	-89.9%	118,715	**35,204**	**35,204**	**32,705**	**32,144**	**56,654**	-79,657 to -76,598	-71.2% to -68.5%	20,515 to 23,575	176.4% to 202.7%	-86,570 to -83,511	-72.9% to -70.3%
July	**119,918**	123,184	**32,423**	-87,495	-73.0%	-90,761	-73.7%	126,600	**49,667**	**49,667**	**40,717**	**38,980**	**87,367**	-80,938 to -70,251	-67.5% to -58.6%	6,557 to 17,244	20.2% to 53.2%	-87,620 to -76,933	-69.2% to -60.8%
August	**120,268**	122,977	**45,122**	-75,146	-62.5%	-77,855	-63.3%	125,865	**63,893**	**63,893**	**45,471**	**42,485**	**91,702**	-77,783 to -56,375	-64.7% to -46.9%	-2,637 to 18,772	-5.8% to 41.6%	-83,380 to -61,972	-66.2% to -49.2%
September	**110,196**	112,612	**35,310**	-74,887	-68.0%	-77,303	-68.6%	115,043	**71,892**	**58,036**	**46,727**	**42,402**	**86,343**	-67,794 to -38,304	-61.5% to -34.8%	7,092 to 36,583	20.1% to 103.6%	-72,641 to -43,151	-63.1% to -37.5%
October	**103,161**	103,539	**28,800**	-74,361	-72.1%	-74,739	-72.2%	104,076	**74,108**	**53,035**	**48,502**	**41,978**	**84,853**	-61,183 to -29,053	-59.3% to -28.2%	13,178 to 45,308	45.8% to 157.3%	-62,098 to -29,968	-59.7% to -28.8%
November	**80,792**	80,979	**17,045**	-63,747	-78.9%	-63,934	-79.0%	81,330	**62,390**	**43,764**	**44,193**	**36,534**	**66,581**	-44,259 to -18,402	-54.8% to -22.8%	19,489 to 45,345	114.3% to 266.0%	-44,797 to -18,940	-55.1% to -23.3%
December	**81,724**	83,766	**20,094**	-61,630	-75.4%	-63,672	-76.0%	85,639	**68,548**	**47,839**	**52,281**	**41,066**	**68,624**	-40,658 to -13,176	-49.8% to -16.1%	20,973 to 48,454	104.4% to 241.1%	-44,573 to -17,091	-52.0% to -20.0%
1Q	**234,410**	241,175	**193,404**	-41,006	-17.5%	-47,771	-19.8%	243,381	**51,611**	**51,611**	**51,611**	**51,611**	**51,611**	-182,799	-78.0%	-141,793	-73.3%	-191,769	-78.8%
2Q	**309,106**	316,273	**17,991**	-291,115	-94.2%	-298,282	-94.3%	321,996	**84,066**	**84,066**	**81,037**	**80,329**	**108,247**	-228,778 to -225,041	-74.0% to -72.8%	62,337 to 66,074	346.5% to 367.3%	-241,667 to -237,930	-75.1% to -73.9%
3Q	**350,382**	358,774	**112,854**	-237,528	-67.8%	-245,920	-68.5%	367,508	**185,453**	**171,596**	**132,915**	**123,867**	**265,413**	-226,515 to -164,929	-64.6% to -47.1%	11,013 to 72,599	9.8% to 64.3%	-243,642 to -182,055	-66.3% to -49.5%
4Q	**265,677**	268,284	**65,939**	-199,738	-75.2%	-202,346	-75.4%	271,046	**205,046**	**144,637**	**144,976**	**119,578**	**220,058**	-146,099 to -60,631	-55.0% to -22.8%	53,639 to 139,107	81.3% to 211.0%	-151,468 to -66,000	-55.9% to -24.4%
Total	**1,159,575**	1,184,506	**390,188**	-769,388	-66.4%	-794,318	-67.1%	1,203,930	**526,175**	**451,910**	**410,539**	**375,384**	**645,329**	-784,191 to -633,400	-67.6% to -54.6%	-14,803 to 135,988	-3.8% to 34.9%	-828,546 to -677,755	-68.8% to -56.3%

Source: ICAO estimates

Passenger number

Passenger Number (thousand) - Europe International

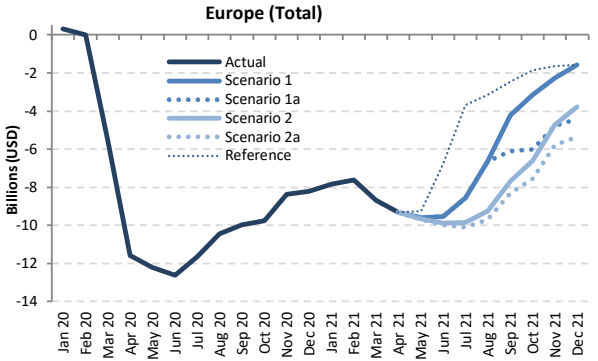
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**54,881**	55,743	**56,557**	1,676	3.1%	814	1.5%	56,110	**7,859**	**7,859**	**7,859**	**7,859**	**7,859**	-47,022	-85.7%	-48,698	-86.1%	-48,251	-86.0%
February	**51,178**	54,626	**51,816**	639	1.2%	-2,810	-5.1%	55,766	**4,805**	**4,805**	**4,805**	**4,805**	**4,805**	-46,373	-90.6%	-47,012	-90.7%	-50,961	-91.4%
March	**59,791**	62,825	**27,468**	-32,322	-54.1%	-35,357	-56.3%	63,466	**6,182**	**6,182**	**6,182**	**6,182**	**6,182**	-53,609	-89.7%	-21,287	-77.5%	-57,285	-90.3%
April	**70,397**	72,906	**1,054**	-69,343	-98.5%	-71,853	-98.6%	74,986	**8,796**	**8,796**	**8,796**	**8,796**	**8,796**	-61,601	-87.5%	7,742	734.9%	-66,190	-88.3%
May	**76,311**	77,402	**1,741**	-74,570	-97.7%	-75,661	-97.8%	77,771	**10,787**	**10,787**	**10,398**	**10,274**	**12,390**	-66,037 to -65,525	-86.5% to -85.9%	8,533 to 9,046	490.2% to 519.6%	-67,497 to -66,984	-86.8% to -86.1%
June	**83,994**	87,585	**4,545**	-79,449	-94.6%	-83,040	-94.8%	90,866	**17,579**	**17,579**	**15,554**	**15,069**	**32,218**	-68,925 to -66,415	-82.1% to -79.1%	10,524 to 13,034	231.5% to 286.8%	-75,797 to -73,287	-83.4% to -80.7%
July	**91,067**	94,366	**16,270**	-74,797	-82.1%	-78,096	-82.8%	97,402	**29,345**	**29,345**	**21,823**	**20,297**	**57,922**	-70,770 to -61,722	-77.7% to -67.8%	4,027 to 13,075	24.8% to 80.4%	-77,105 to -68,056	-79.2% to -69.9%
August	**91,837**	94,578	**23,925**	-67,912	-73.9%	-70,652	-74.7%	97,218	**41,750**	**41,750**	**26,031**	**23,449**	**61,918**	-68,388 to -50,088	-74.5% to -54.5%	-476 to 17,824	-2.0% to 74.5%	-73,768 to -55,468	-75.9% to -57.1%
September	**82,874**	85,320	**17,468**	-65,406	-78.9%	-67,852	-79.5%	87,467	**48,273**	**36,792**	**27,093**	**23,442**	**58,360**	-59,432 to -34,601	-71.7% to -41.8%	5,974 to 30,805	34.2% to 176.3%	-64,025 to -39,194	-73.2% to -44.8%
October	**76,950**	77,619	**13,812**	-63,138	-82.1%	-63,808	-82.2%	78,067	**50,567**	**32,942**	**29,059**	**23,469**	**58,136**	-53,481 to -26,383	-69.5% to -34.3%	9,657 to 36,756	69.9% to 266.1%	-54,598 to -27,500	-69.9% to -35.2%
November	**57,404**	57,850	**7,084**	-50,319	-87.7%	-50,765	-87.8%	57,990	**40,822**	**25,506**	**25,721**	**19,389**	**46,279**	-38,015 to -16,582	-66.2% to -28.9%	12,305 to 33,737	173.7% to 476.2%	-38,600 to -17,168	-66.6% to -29.6%
December	**58,838**	61,260	**9,236**	-49,602	-84.3%	-52,023	-84.9%	62,964	**47,265**	**29,819**	**33,073**	**23,760**	**48,266**	-35,078 to -11,574	-59.6% to -19.7%	14,524 to 38,028	157.2% to 411.7%	-39,204 to -15,699	-62.3% to -24.9%
1Q	**165,849**	173,194	**135,842**	-30,007	-18.1%	-37,352	-21.6%	175,342	**18,846**	**18,846**	**18,846**	**18,846**	**18,846**	-147,004	-88.6%	-116,996	-86.1%	-156,496	-89.3%
2Q	**230,702**	237,893	**7,339**	-223,363	-96.8%	-230,553	-96.9%	243,622	**37,162**	**37,162**	**34,747**	**34,139**	**53,403**	-196,564 to -193,541	-85.2% to -83.9%	26,799 to 29,822	365.1% to 406.3%	-209,484 to -206,461	-86.0% to -84.7%
3Q	**265,778**	274,263	**57,663**	-208,114	-78.3%	-216,600	-79.0%	282,086	**119,368**	**107,887**	**74,947**	**67,188**	**178,200**	-198,590 to -146,410	-74.7% to -55.1%	9,525 to 61,704	16.5% to 107.0%	-214,898 to -162,718	-76.2% to -57.7%
4Q	**193,192**	196,728	**30,132**	-163,060	-84.4%	-166,596	-84.7%	199,020	**138,654**	**88,268**	**87,852**	**66,618**	**152,681**	-126,574 to -54,539	-65.5% to -28.2%	36,486 to 108,521	121.1% to 360.1%	-132,402 to -60,367	-66.5% to -30.3%
Total	**855,522**	882,079	**230,977**	-624,545	-73.0%	-651,102	-73.8%	900,070	**314,028**	**252,161**	**216,392**	**186,790**	**403,130**	-668,731 to -541,493	-78.2% to -63.3%	-44,187 to 83,051	-19.1% to 36.0%	-713,280 to -586,042	-79.2% to -65.1%

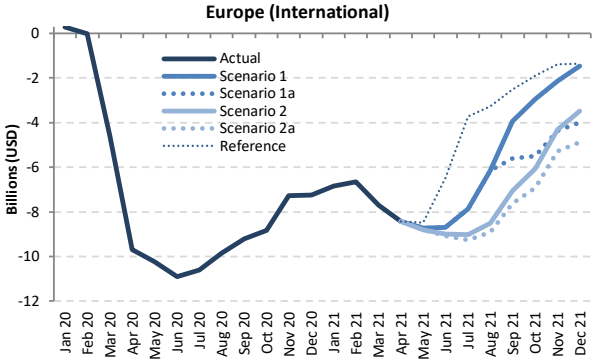
Passenger Number (thousand) - Europe Domestic

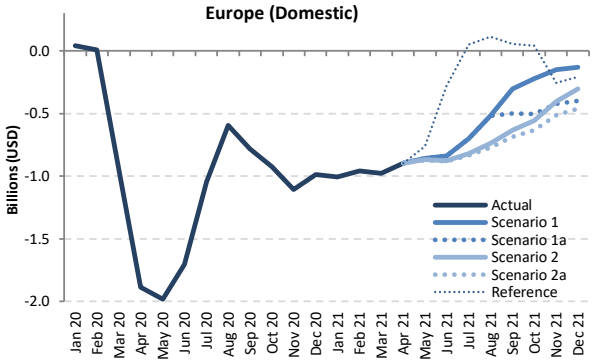
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**22,514**	22,265	**23,039**	525	2.3%	774	3.5%	22,059	**10,292**	**10,292**	**10,292**	**10,292**	**10,292**	-12,221	-54.3%	-12,747	-55.3%	-11,767	-53.3%
February	**21,385**	21,376	**21,470**	86	0.4%	94	0.4%	21,913	**9,713**	**9,713**	**9,713**	**9,713**	**9,713**	-11,672	-54.6%	-11,758	-54.8%	-12,200	-55.7%
March	**24,663**	24,340	**13,053**	-11,610	-47.1%	-11,287	-46.4%	24,066	**12,761**	**12,761**	**12,761**	**12,761**	**12,761**	-11,902	-48.3%	-292	-2.2%	-11,305	-47.0%
April	**24,573**	24,608	**1,636**	-22,937	-93.3%	-22,972	-93.4%	24,455	**13,674**	**13,674**	**13,674**	**13,674**	**13,674**	-10,899	-44.4%	12,038	735.8%	-10,781	-44.1%
May	**26,023**	25,995	**1,932**	-24,091	-92.6%	-24,063	-92.6%	26,070	**15,606**	**15,606**	**15,465**	**15,440**	**16,733**	-10,583 to -10,418	-40.7% to -40.0%	13,508 to 13,674	699.2% to 707.7%	-10,630 to -10,465	-40.8% to -40.1%
June	**27,807**	27,777	**7,084**	-20,723	-74.5%	-20,693	-74.5%	27,849	**17,624**	**17,624**	**17,151**	**17,076**	**24,436**	-10,732 to -10,183	-38.6% to -36.6%	9,992 to 10,540	141.0% to 148.8%	-10,773 to -10,224	-38.7% to -36.7%
July	**28,851**	28,819	**16,153**	-12,698	-44.0%	-12,666	-43.9%	29,199	**20,322**	**20,322**	**18,894**	**18,683**	**29,446**	-10,168 to -8,529	-35.2% to -29.6%	2,530 to 4,169	15.7% to 25.8%	-10,515 to -8,877	-36.0% to -30.4%
August	**28,431**	28,399	**21,196**	-7,234	-25.4%	-7,203	-25.4%	28,647	**22,144**	**22,144**	**19,440**	**19,035**	**29,785**	-9,395 to -6,287	-33.0% to -22.1%	-2,161 to 947	-10.2% to 4.5%	-9,612 to -6,504	-33.6% to -22.7%
September	**27,322**	27,293	**17,841**	-9,481	-34.7%	-9,451	-34.6%	27,576	**23,619**	**21,244**	**19,634**	**18,960**	**27,983**	-8,362 to -3,703	-30.6% to -13.6%	1,119 to 5,778	6.3% to 32.4%	-8,616 to -3,957	-31.2% to -14.3%
October	**26,211**	25,920	**14,989**	-11,222	-42.8%	-10,932	-42.2%	26,009	**23,541**	**20,092**	**19,443**	**18,510**	**26,716**	-7,701 to -2,670	-29.4% to -10.2%	3,521 to 8,552	23.5% to 57.1%	-7,500 to -2,468	-28.8% to -9.5%
November	**23,388**	23,129	**9,960**	-13,428	-57.4%	-13,169	-56.9%	23,341	**21,568**	**18,258**	**18,472**	**17,144**	**20,302**	-6,244 to -1,820	-26.7% to -7.8%	7,184 to 11,608	72.1% to 116.5%	-6,197 to -1,773	-26.5% to -7.6%
December	**22,886**	22,506	**10,857**	-12,028	-52.6%	-11,649	-51.8%	22,675	**21,283**	**18,020**	**19,208**	**17,306**	**20,358**	-5,580 to -1,602	-24.4% to -7.0%	6,449 to 10,426	59.4% to 96.0%	-5,369 to -1,392	-23.7% to -6.1%
1Q	**68,561**	67,981	**57,562**	-10,999	-16.0%	-10,419	-15.3%	68,039	**32,766**	**32,766**	**32,766**	**32,766**	**32,766**	-35,795	-52.2%	-24,796	-43.1%	-35,273	-51.8%
2Q	**78,404**	78,380	**10,652**	-67,752	-86.4%	-67,729	-86.4%	78,373	**46,904**	**46,904**	**46,290**	**46,190**	**54,844**	-32,214 to -31,500	-41.1% to -40.2%	35,538 to 36,252	333.6% to 340.3%	-32,183 to -31,469	-41.1% to -40.2%
3Q	**84,604**	84,510	**55,191**	-29,413	-34.8%	-29,320	-34.7%	85,422	**66,085**	**63,709**	**57,968**	**56,679**	**87,213**	-27,925 to -18,519	-33.0% to -21.9%	1,488 to 10,894	2.7% to 19.7%	-28,744 to -19,337	-33.6% to -22.6%
4Q	**72,485**	71,556	**35,806**	-36,679	-50.6%	-35,750	-50.0%	72,025	**66,392**	**56,370**	**57,124**	**52,960**	**67,377**	-19,525 to -6,093	-26.9% to -8.4%	17,154 to 30,586	47.9% to 85.4%	-19,065 to -5,633	-26.5% to -7.8%
Total	**304,054**	302,427	**159,211**	-144,843	-47.6%	-143,217	-47.4%	303,860	**212,147**	**199,749**	**194,147**	**188,594**	**242,199**	-115,460 to -91,907	-38.0% to -30.2%	29,383 to 52,936	18.5% to 33.2%	-115,266 to -91,713	-37.9% to -30.2%

Source: ICAO estimates

Passenger revenue







Passenger revenue (USD, million) - Europe International + Domestic

Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**9,945**	10,029	**10,260**	315	3.2%	231	2.3%	10,053	**2,094**	**2,094**	**2,094**	**2,094**	**2,094**	-7,851	-78.9%	-8,166	-79.6%	-7,959	-79.2%
February	**9,229**	9,670	**9,225**	-4	0.0%	-445	-4.6%	9,821	**1,611**	**1,611**	**1,611**	**1,611**	**1,611**	-7,618	-82.5%	-7,614	-82.5%	-8,210	-83.6%
March	**10,734**	11,005	**5,169**	-5,565	-51.8%	-5,836	-53.0%	11,035	**2,062**	**2,062**	**2,062**	**2,062**	**2,062**	-8,672	-80.8%	-3,107	-60.1%	-8,973	-81.3%
April	**11,885**	12,215	**314**	-11,570	-97.4%	-11,901	-97.4%	12,511	**2,562**	**2,562**	**2,562**	**2,562**	**2,562**	-9,323	-78.4%	2,248	715.0%	-9,949	-79.5%
May	**12,629**	12,839	**427**	-12,203	-96.6%	-12,412	-96.7%	12,986	**3,040**	**3,040**	**2,966**	**2,944**	**3,387**	-9,685 to -9,589	-76.7% to -75.9%	2,517 to 2,613	590.2% to 612.7%	-10,042 to -9,946	-77.3% to -76.6%
June	**13,810**	14,251	**1,194**	-12,616	-91.4%	-13,057	-91.6%	14,714	**4,285**	**4,285**	**3,928**	**3,844**	**7,035**	-9,966 to -9,525	-72.2% to -69.0%	2,650 to 3,091	221.9% to 258.8%	-10,870 to -10,429	-73.9% to -70.9%
July	**14,914**	15,360	**3,268**	-11,646	-78.1%	-12,092	-78.7%	15,868	**6,341**	**6,341**	**5,063**	**4,805**	**11,231**	-10,109 to -8,572	-67.8% to -57.5%	1,537 to 3,074	47.0% to 94.1%	-11,063 to -9,526	-69.7% to -60.0%
August	**15,004**	15,380	**4,563**	-10,441	-69.6%	-10,817	-70.3%	15,830	**8,349**	**8,349**	**5,758**	**5,322**	**11,849**	-9,682 to -6,655	-64.5% to -44.4%	758 to 3,786	16.6% to 83.0%	-10,508 to -7,481	-66.4% to -47.3%
September	**13,601**	13,929	**3,611**	-9,990	-73.5%	-10,318	-74.1%	14,295	**9,366**	**7,491**	**5,911**	**5,295**	**11,138**	-8,306 to -4,234	-61.1% to -31.1%	1,684 to 5,755	46.6% to 159.4%	-9,000 to -4,928	-63.0% to -34.5%
October	**12,796**	12,889	**3,039**	-9,756	-76.2%	-9,850	-76.4%	13,067	**9,642**	**6,789**	**6,174**	**5,244**	**10,949**	-7,551 to -3,154	-59.0% to -24.6%	2,205 to 6,603	72.6% to 217.3%	-7,823 to -3,425	-59.9% to -26.2%
November	**10,261**	10,317	**1,892**	-8,369	-81.6%	-8,425	-81.7%	10,449	**7,982**	**5,475**	**5,549**	**4,476**	**8,629**	-5,785 to -2,278	-56.4% to -22.2%	2,584 to 6,091	136.6% to 322.0%	-5,973 to -2,467	-57.2% to -23.6%
December	**10,519**	10,791	**2,297**	-8,222	-78.2%	-8,494	-78.7%	11,094	**8,928**	**6,119**	**6,734**	**5,169**	**8,940**	-5,350 to -1,591	-50.9% to -15.1%	2,872 to 6,631	125.1% to 288.7%	-5,925 to -2,167	-53.4% to -19.5%
1Q	**29,909**	30,705	**24,654**	-5,254	-17.6%	-6,050	-19.7%	30,910	**5,767**	**5,767**	**5,767**	**5,767**	**5,767**	-24,141	-80.7%	-18,887	-76.6%	-25,142	-81.3%
2Q	**38,324**	39,305	**1,935**	-36,388	-95.0%	-37,370	-95.1%	40,211	**9,887**	**9,887**	**9,456**	**9,350**	**12,984**	-28,974 to -28,437	-75.6% to -74.2%	7,415 to 7,951	383.2% to 410.9%	-30,861 to -30,324	-76.7% to -75.4%
3Q	**43,518**	44,669	**11,442**	-32,076	-73.7%	-33,227	-74.4%	45,992	**24,057**	**22,181**	**16,733**	**15,421**	**34,218**	-28,097 to -19,461	-64.6% to -44.7%	3,979 to 12,615	34.8% to 110.3%	-30,571 to -21,935	-66.5% to -47.7%
4Q	**33,575**	33,997	**7,228**	-26,348	-78.5%	-26,769	-78.7%	34,610	**26,552**	**18,383**	**18,456**	**14,889**	**28,518**	-18,686 to -7,023	-55.7% to -20.9%	7,662 to 19,325	106.0% to 267.4%	-19,721 to -8,058	-57.0% to -23.3%
Total	**145,325**	148,675	**45,259**	-100,066	-68.9%	-103,416	-69.6%	151,723	**66,264**	**56,219**	**50,412**	**45,428**	**81,488**	-99,898 to -79,062	-68.7% to -54.4%	169 to 21,005	0.4% to 46.4%	-106,295 to -85,459	-70.1% to -56.3%

Source: ICAO estimates

Passenger revenue

Passenger revenue (USD, million) - Europe International

Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**8,094**	8,199	**8,366**	272	3.4%	167	2.0%	8,240	**1,248**	**1,248**	**1,248**	**1,248**	**1,248**	-6,846	-84.6%	-7,118	-85.1%	-6,992	-84.9%
February	**7,471**	7,913	**7,460**	-11	-0.1%	-453	-5.7%	8,019	**813**	**813**	**813**	**813**	**813**	-6,659	-89.1%	-6,648	-89.1%	-7,207	-89.9%
March	**8,707**	9,004	**4,096**	-4,611	-53.0%	-4,908	-54.5%	9,057	**1,013**	**1,013**	**1,013**	**1,013**	**1,013**	-7,693	-88.4%	-3,083	-75.3%	-8,044	-88.8%
April	**9,864**	10,192	**180**	-9,684	-98.2%	-10,012	-98.2%	10,501	**1,438**	**1,438**	**1,438**	**1,438**	**1,438**	-8,427	-85.4%	1,258	699.4%	-9,063	-86.3%
May	**10,490**	10,702	**268**	-10,222	-97.4%	-10,434	-97.5%	10,842	**1,757**	**1,757**	**1,694**	**1,674**	**2,011**	-8,815 to -8,733	-84.0% to -83.3%	1,407 to 1,489	525.5% to 556.3%	-9,168 to -9,086	-84.6% to -83.8%
June	**11,524**	11,967	**612**	-10,912	-94.7%	-11,356	-94.9%	12,424	**2,836**	**2,836**	**2,518**	**2,440**	**5,026**	-9,083 to -8,688	-78.8% to -75.4%	1,828 to 2,224	298.8% to 363.5%	-9,984 to -9,588	-80.4% to -77.2%
July	**12,542**	12,991	**1,940**	-10,602	-84.5%	-11,051	-85.1%	13,467	**4,671**	**4,671**	**3,510**	**3,269**	**8,810**	-9,273 to -7,871	-73.9% to -62.8%	1,329 to 2,731	68.5% to 140.8%	-10,198 to -8,796	-75.7% to -65.3%
August	**12,666**	13,045	**2,821**	-9,846	-77.7%	-10,224	-78.4%	13,475	**6,529**	**6,529**	**4,159**	**3,757**	**9,400**	-8,910 to -6,138	-70.3% to -48.5%	936 to 3,708	33.2% to 131.5%	-9,718 to -6,946	-72.1% to -51.5%
September	**11,354**	11,685	**2,144**	-9,210	-81.1%	-9,541	-81.7%	12,028	**7,424**	**5,744**	**4,297**	**3,736**	**8,838**	-7,619 to -3,930	-67.1% to -34.6%	1,592 to 5,280	74.2% to 246.3%	-8,292 to -4,603	-68.9% to -38.3%
October	**10,641**	10,758	**1,807**	-8,834	-83.0%	-8,951	-83.2%	10,929	**7,707**	**5,138**	**4,575**	**3,723**	**8,753**	-6,918 to -2,934	-65.0% to -27.6%	1,916 to 5,900	106.0% to 326.5%	-7,206 to -3,222	-65.9% to -29.5%
November	**8,338**	8,415	**1,073**	-7,265	-87.1%	-7,343	-87.3%	8,530	**6,209**	**3,974**	**4,030**	**3,066**	**6,960**	-5,271 to -2,129	-63.2% to -25.5%	1,994 to 5,136	185.8% to 478.8%	-5,464 to -2,321	-64.1% to -27.2%
December	**8,637**	8,940	**1,404**	-7,233	-83.7%	-7,536	-84.3%	9,230	**7,178**	**4,638**	**5,155**	**3,746**	**7,266**	-4,891 to -1,459	-56.6% to -16.9%	2,342 to 5,774	166.8% to 411.2%	-5,484 to -2,052	-59.4% to -22.2%
1Q	**24,272**	25,116	**19,922**	-4,350	-17.9%	-5,194	-20.7%	25,316	**3,074**	**3,074**	**3,074**	**3,074**	**3,074**	-21,198	-87.3%	-16,848	-84.6%	-22,242	-87.9%
2Q	**31,878**	32,861	**1,059**	-30,818	-96.7%	-31,802	-96.8%	33,767	**6,030**	**6,030**	**5,650**	**5,552**	**8,475**	-26,325 to -25,847	-82.6% to -81.1%	4,493 to 4,971	424.1% to 469.2%	-28,215 to -27,737	-83.6% to -82.1%
3Q	**36,562**	37,721	**6,904**	-29,658	-81.1%	-30,816	-81.7%	38,969	**18,624**	**16,943**	**11,967**	**10,761**	**27,048**	-25,801 to -17,938	-70.6% to -49.1%	3,857 to 11,720	55.9% to 169.7%	-28,208 to -20,345	-72.4% to -52.2%
4Q	**27,616**	28,114	**4,284**	-23,332	-84.5%	-23,830	-84.8%	28,689	**21,094**	**13,749**	**13,760**	**10,535**	**22,979**	-17,081 to -6,522	-61.9% to -23.6%	6,252 to 16,810	145.9% to 392.4%	-18,153 to -7,595	-63.3% to -26.5%
Total	**120,328**	123,811	**32,169**	-88,158	-73.3%	-91,642	-74.0%	126,741	**48,822**	**39,797**	**34,450**	**29,922**	**61,575**	-90,405 to -71,506	-75.1% to -59.4%	-2,247 to 16,652	-7.0% to 51.8%	-96,819 to -77,919	-76.4% to -61.5%

Passenger revenue (USD, million) - Europe Domestic

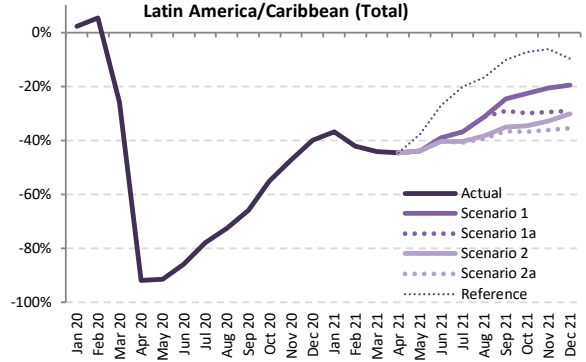
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**1,851**	1,830	**1,894**	43	2.3%	64	3.5%	1,814	**846**	**846**	**846**	**846**	**846**	-1,005	-54.3%	-1,048	-55.3%	-967	-53.3%
February	**1,758**	1,757	**1,765**	7	0.4%	8	0.4%	1,802	**799**	**799**	**799**	**799**	**799**	-960	-54.6%	-967	-54.8%	-1,003	-55.7%
March	**2,028**	2,001	**1,073**	-955	-47.1%	-928	-46.4%	1,979	**1,049**	**1,049**	**1,049**	**1,049**	**1,049**	-979	-48.3%	-24	-2.2%	-929	-47.0%
April	**2,020**	2,023	**134**	-1,886	-93.3%	-1,889	-93.4%	2,011	**1,124**	**1,124**	**1,124**	**1,124**	**1,124**	-896	-44.4%	990	735.8%	-886	-44.1%
May	**2,140**	2,137	**159**	-1,981	-92.6%	-1,978	-92.6%	2,143	**1,283**	**1,283**	**1,271**	**1,269**	**1,376**	-870 to -856	-40.7% to -40.0%	1,111 to 1,124	699.2% to 707.7%	-874 to -860	-40.8% to -40.1%
June	**2,286**	2,284	**582**	-1,704	-74.5%	-1,701	-74.5%	2,290	**1,449**	**1,449**	**1,410**	**1,404**	**2,009**	-882 to -837	-38.6% to -36.6%	821 to 867	141.0% to 148.8%	-886 to -841	-38.7% to -36.7%
July	**2,372**	2,369	**1,328**	-1,044	-44.0%	-1,041	-43.9%	2,401	**1,671**	**1,671**	**1,553**	**1,536**	**2,421**	-836 to -701	-35.2% to -29.6%	208 to 343	15.7% to 25.8%	-865 to -730	-36.0% to -30.4%
August	**2,337**	2,335	**1,743**	-595	-25.4%	-592	-25.4%	2,355	**1,821**	**1,821**	**1,598**	**1,565**	**2,449**	-772 to -517	-33.0% to -22.1%	-178 to 78	-10.2% to 4.5%	-790 to -535	-33.6% to -22.7%
September	**2,246**	2,244	**1,467**	-779	-34.7%	-777	-34.6%	2,267	**1,942**	**1,747**	**1,614**	**1,559**	**2,301**	-688 to -304	-30.6% to -13.6%	92 to 475	6.3% to 32.4%	-708 to -325	-31.2% to -14.3%
October	**2,155**	2,131	**1,232**	-923	-42.8%	-899	-42.2%	2,138	**1,935**	**1,652**	**1,599**	**1,522**	**2,196**	-633 to -220	-29.4% to -10.2%	289 to 703	23.5% to 57.1%	-617 to -203	-28.8% to -9.5%
November	**1,923**	1,902	**819**	-1,104	-57.4%	-1,083	-56.9%	1,919	**1,773**	**1,501**	**1,519**	**1,410**	**1,669**	-513 to -150	-26.7% to -7.8%	591 to 954	72.1% to 116.5%	-509 to -146	-26.5% to -7.6%
December	**1,882**	1,850	**893**	-989	-52.6%	-958	-51.8%	1,864	**1,750**	**1,481**	**1,579**	**1,423**	**1,674**	-459 to -132	-24.4% to -7.0%	530 to 857	59.4% to 96.0%	-441 to -114	-23.7% to -6.1%
1Q	**5,637**	5,589	**4,732**	-904	-16.0%	-857	-15.3%	5,594	**2,694**	**2,694**	**2,694**	**2,694**	**2,694**	-2,943	-52.2%	-2,039	-43.1%	-2,900	-51.8%
2Q	**6,446**	6,444	**876**	-5,570	-86.4%	-5,568	-86.4%	6,443	**3,856**	**3,856**	**3,806**	**3,798**	**4,509**	-2,648 to -2,590	-41.1% to -40.2%	2,922 to 2,980	333.6% to 340.3%	-2,646 to -2,587	-41.1% to -40.2%
3Q	**6,956**	6,948	**4,537**	-2,418	-34.8%	-2,411	-34.7%	7,023	**5,433**	**5,238**	**4,766**	**4,660**	**7,170**	-2,296 to -1,523	-33.0% to -21.9%	122 to 896	2.7% to 19.7%	-2,363 to -1,590	-33.6% to -22.6%
4Q	**5,959**	5,883	**2,944**	-3,016	-50.6%	-2,939	-50.0%	5,922	**5,458**	**4,634**	**4,696**	**4,354**	**5,539**	-1,605 to -501	-26.9% to -8.4%	1,410 to 2,515	47.9% to 85.4%	-1,567 to -463	-26.5% to -7.8%
Total	**24,998**	24,864	**13,089**	-11,908	-47.6%	-11,775	-47.4%	24,982	**17,442**	**16,422**	**15,962**	**15,505**	**19,912**	-9,493 to -7,556	-38.0% to -30.2%	2,416 to 4,352	18.5% to 33.2%	-9,477 to -7,540	-37.9% to -30.2%

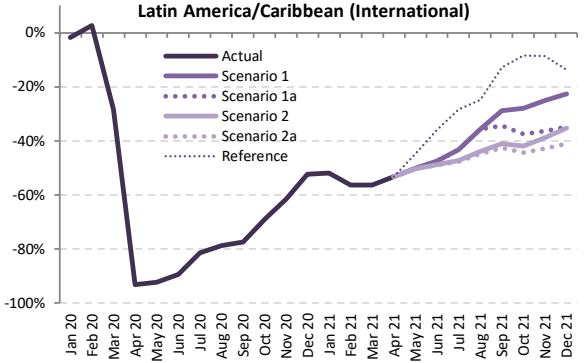
Source: ICAO estimates

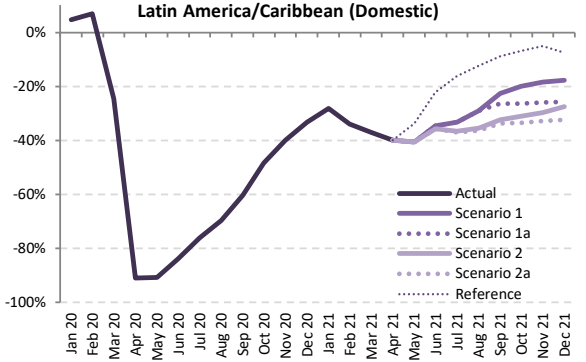
Latin America/Caribbean

Compared to 2019	Seat capacity (%)			Passenger number (thousand)						Passenger revenue (USD, million)		
	Total	International	Domestic	Total		International		Domestic		Total	International	Domestic
1Q 2020	-6.3%	-9.5%	-4.4%	-8,770	-10.1%	-4,698	-15.0%	-4,072	-7.3%	-1,321	-976	-346
2Q 2020	-89.6%	-91.6%	-88.5%	-76,688	-92.2%	-28,082	-96.1%	-48,606	-90.0%	-9,679	-5,628	-4,051
3Q 2020	-72.4%	-79.3%	-68.9%	-67,727	-77.5%	-26,240	-89.4%	-41,486	-71.5%	-8,805	-5,319	-3,486
4Q 2020	-47.1%	-60.4%	-40.4%	-45,698	-52.7%	-21,778	-76.2%	-23,920	-41.2%	-6,450	-4,434	-2,016
Total 2020	**-53.3%**	**-58.9%**	**-50.4%**	**-198,883**	**-57.8%**	**-80,799**	**-68.2%**	**-118,084**	**-52.4%**	**-26,256**	**-16,358**	**-9,899**
1Q 2021	-41.0%	-54.8%	-32.9%	-44,885	-51.8%	-23,086	-73.8%	-21,799	-39.3%	-6,549	-4,708	-1,841
2Q 2021	-43.0% to -42.6%	-50.9% to -50.2%	-38.8% to -38.4%	-43,535 to -42,667	-52.3% to -51.3%	-19,936 to -19,500	-68.2% to -66.8%	-23,600 to -23,167	-43.7% to -42.9%	-6,066 to -5,946	-4,080 to -3,997	-1,985 to -1,949
3Q 2021	-39.0% to -31.2%	-45.3% to -36.4%	-35.8% to -28.5%	-40,393 to -31,187	-46.2% to -35.7%	-17,457 to -13,474	-59.5% to -45.9%	-22,936 to -17,714	-39.5% to -30.5%	-5,604 to -4,394	-3,663 to -2,886	-1,941 to -1,508
4Q 2021	-36.2% to -20.9%	-42.6% to -25.0%	-32.9% to -18.7%	-36,936 to -21,193	-42.6% to -24.4%	-15,899 to -9,448	-55.6% to -33.0%	-21,037 to -11,745	-36.2% to -20.2%	-5,112 to -3,067	-3,324 to -2,050	-1,787 to -1,016
Total 2021	**-39.8% to -33.8%**	**-48.6% to -42.0%**	**-35.1% to -29.5%**	**-165,750 to -139,932**	**-48.2% to -40.7%**	**-76,379 to -65,508**	**-64.5% to -55.3%**	**-89,371 to -74,424**	**-39.6% to -33.0%**	**-23,330 to -19,956**	**-15,776 to -13,641**	**-7,554 to -6,315**

Seat capacity







Seat Capacity (thousand) - Latin America/Caribbean International + Domestic																		
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**37,918**	38,484	**38,769**	851	2.2%	285	0.7%	39,039	**23,950**	**23,950**	**23,950**	**23,950**	**23,950**	-13,968	-36.8%	-14,819	-38.2%	-15,089	-38.7%
February	**33,375**	34,855	**35,166**	1,791	5.4%	311	0.9%	35,222	**19,294**	**19,294**	**19,294**	**19,294**	**19,294**	-14,081	-42.2%	-15,872	-45.1%	-15,928	-45.2%
March	**36,136**	37,503	**26,758**	-9,378	-26.0%	-10,745	-28.7%	38,380	**20,158**	**20,158**	**20,158**	**20,158**	**20,158**	-15,979	-44.2%	-6,600	-24.7%	-18,222	-47.5%
April	**34,019**	35,632	**2,808**	-31,211	-91.7%	-32,824	-92.1%	36,978	**18,848**	**18,848**	**18,848**	**18,848**	**18,848**	-15,171	-44.6%	16,040	571.3%	-18,131	-49.0%
May	**34,267**	36,112	**2,976**	-31,291	-91.3%	-33,136	-91.8%	37,045	**19,236**	**19,236**	**19,187**	**19,181**	**21,373**	-15,086 to -15,031	-44.0% to -43.9%	16,206 to 16,261	544.6% to 546.5%	-17,864 to -17,809	-48.2% to -48.1%
June	**33,623**	35,813	**4,789**	-28,835	-85.8%	-31,024	-86.6%	37,518	**20,462**	**20,462**	**20,086**	**20,039**	**24,528**	-13,584 to -13,162	-40.4% to -39.1%	15,251 to 15,673	318.5% to 327.3%	-17,478 to -17,056	-46.6% to -45.5%
July	**37,333**	38,664	**8,244**	-29,089	-77.9%	-30,421	-78.7%	40,087	**23,611**	**23,611**	**22,284**	**22,118**	**29,758**	-15,215 to -13,722	-40.8% to -36.8%	13,875 to 15,367	168.3% to 186.4%	-17,969 to -16,477	-44.8% to -41.1%
August	**35,832**	37,045	**9,806**	-26,026	-72.6%	-27,239	-73.5%	38,432	**24,590**	**24,590**	**22,073**	**21,755**	**29,871**	-14,077 to -11,242	-39.3% to -31.4%	11,949 to 14,784	121.9% to 150.8%	-16,677 to -13,842	-43.4% to -36.0%
September	**32,965**	34,439	**11,263**	-21,702	-65.8%	-23,176	-67.3%	35,982	**24,857**	**23,420**	**21,396**	**20,895**	**29,624**	-12,071 to -8,109	-36.6% to -24.6%	9,632 to 13,594	85.5% to 120.7%	-15,087 to -11,125	-41.9% to -30.9%
October	**34,404**	35,289	**15,499**	-18,905	-54.9%	-19,790	-56.1%	36,614	**26,654**	**24,116**	**22,523**	**21,727**	**31,872**	-12,676 to -7,750	-36.8% to -22.5%	6,228 to 11,155	40.2% to 72.0%	-14,886 to -9,960	-40.7% to -27.2%
November	**34,497**	35,091	**18,229**	-16,268	-47.2%	-16,862	-48.1%	36,425	**27,352**	**24,312**	**23,200**	**22,003**	**32,325**	-12,494 to -7,145	-36.2% to -20.7%	3,774 to 9,123	20.7% to 50.0%	-14,422 to -9,073	-39.6% to -24.9%
December	**37,593**	38,138	**22,584**	-15,009	-39.9%	-15,554	-40.8%	39,326	**30,280**	**26,712**	**26,230**	**24,247**	**33,944**	-13,346 to -7,313	-35.5% to -19.5%	1,663 to 7,696	7.4% to 34.1%	-15,079 to -9,046	-38.3% to -23.0%
1Q	**107,430**	110,842	**100,693**	-6,737	-6.3%	-10,148	-9.2%	112,641	**63,402**	**63,402**	**63,402**	**63,402**	**63,402**	-44,028	-41.0%	-37,291	-37.0%	-49,239	-43.7%
2Q	**101,909**	107,557	**10,572**	-91,337	-89.6%	-96,985	-90.2%	111,541	**58,545**	**58,545**	**58,121**	**58,068**	**64,748**	-43,841 to -43,364	-43.0% to -42.6%	47,496 to 47,973	449.3% to 453.8%	-53,473 to -52,996	-47.9% to -47.5%
3Q	**106,130**	110,149	**29,313**	-76,818	-72.4%	-80,836	-73.4%	114,501	**73,057**	**71,621**	**65,754**	**64,768**	**89,254**	-41,362 to -33,073	-39.0% to -31.2%	35,455 to 43,744	121.0% to 149.2%	-49,733 to -41,444	-43.4% to -36.2%
4Q	**106,494**	108,518	**56,312**	-50,182	-47.1%	-52,206	-48.1%	112,364	**84,286**	**75,140**	**71,952**	**67,977**	**98,141**	-38,517 to -22,208	-36.2% to -20.9%	11,665 to 27,974	20.7% to 49.7%	-44,388 to -28,078	-39.5% to -25.0%
Total	**421,963**	437,065	**196,890**	-225,073	-53.3%	-240,175	-55.0%	451,048	**279,291**	**268,708**	**259,229**	**254,215**	**315,545**	-167,748 to -142,672	-39.8% to -33.8%	57,325 to 82,400	29.1% to 41.9%	-196,833 to -171,757	-43.6% to -38.1%

Source: ICAO estimates

Seat capacity

Seat Capacity (thousand) - Latin America/Caribbean International

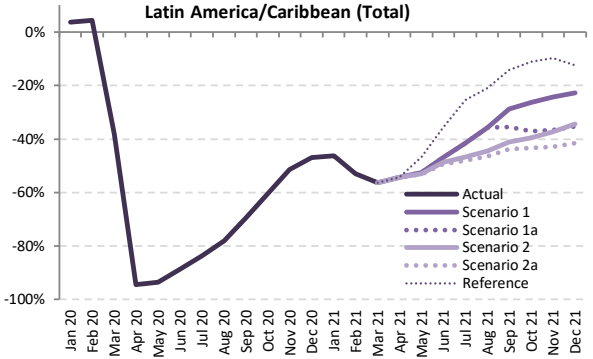
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**13,804**	13,528	**13,553**	-251	-1.8%	25	0.2%	13,383	**6,630**	**6,630**	**6,630**	**6,630**	**6,630**	-7,174	-52.0%	-6,923	-51.1%	-6,754	-50.5%
February	**12,228**	12,396	**12,543**	315	2.6%	147	1.2%	12,292	**5,329**	**5,329**	**5,329**	**5,329**	**5,329**	-6,899	-56.4%	-7,215	-57.5%	-6,964	-56.7%
March	**13,495**	13,244	**9,676**	-3,820	-28.3%	-3,569	-26.9%	12,936	**5,899**	**5,899**	**5,899**	**5,899**	**5,899**	-7,597	-56.3%	-3,777	-39.0%	-7,037	-54.4%
April	**12,170**	12,539	**840**	-11,331	-93.1%	-11,700	-93.3%	12,809	**5,699**	**5,699**	**5,699**	**5,699**	**5,699**	-6,472	-53.2%	4,859	578.5%	-7,110	-55.5%
May	**11,787**	12,242	**906**	-10,881	-92.3%	-11,336	-92.6%	12,632	**5,885**	**5,885**	**5,846**	**5,841**	**6,495**	-5,946 to -5,902	-50.4% to -50.1%	4,935 to 4,979	544.7% to 549.6%	-6,790 to -6,746	-53.8% to -53.4%
June	**11,834**	12,226	**1,253**	-10,580	-89.4%	-10,972	-89.7%	12,508	**6,228**	**6,228**	**6,058**	**6,038**	**7,586**	-5,796 to -5,606	-49.0% to -47.4%	4,785 to 4,975	381.8% to 396.9%	-6,470 to -6,280	-51.7% to -50.2%
July	**12,806**	13,103	**2,371**	-10,434	-81.5%	-10,732	-81.9%	13,353	**7,256**	**7,256**	**6,745**	**6,686**	**9,182**	-6,119 to -5,549	-47.8% to -43.3%	4,315 to 4,885	182.0% to 206.0%	-6,667 to -6,097	-49.9% to -45.7%
August	**12,203**	12,642	**2,607**	-9,596	-78.6%	-10,035	-79.4%	13,032	**7,839**	**7,839**	**6,839**	**6,727**	**9,160**	-5,476 to -4,364	-44.9% to -35.8%	4,120 to 5,232	158.1% to 200.7%	-6,305 to -5,193	-48.4% to -39.8%
September	**10,491**	11,018	**2,364**	-8,127	-77.5%	-8,654	-78.5%	11,338	**7,472**	**6,885**	**6,188**	**6,019**	**9,144**	-4,472 to -3,018	-42.6% to -28.8%	3,655 to 5,109	154.6% to 216.1%	-5,320 to -3,866	-46.9% to -34.1%
October	**10,906**	10,820	**3,373**	-7,533	-69.1%	-7,446	-68.8%	11,141	**7,854**	**6,817**	**6,345**	**6,075**	**9,982**	-4,831 to -3,051	-44.3% to -28.0%	2,702 to 4,481	80.1% to 132.8%	-5,066 to -3,287	-45.5% to -29.5%
November	**11,631**	11,459	**4,483**	-7,149	-61.5%	-6,977	-60.9%	11,903	**8,717**	**7,390**	**7,107**	**6,664**	**10,633**	-4,968 to -2,914	-42.7% to -25.1%	2,181 to 4,235	48.7% to 94.5%	-5,239 to -3,185	-44.0% to -26.8%
December	**13,268**	13,108	**6,332**	-6,936	-52.3%	-6,776	-51.7%	13,612	**10,276**	**8,657**	**8,577**	**7,825**	**11,437**	-5,443 to -2,992	-41.0% to -22.6%	1,493 to 3,944	23.6% to 62.3%	-5,787 to -3,336	-42.5% to -24.5%
1Q	**39,527**	39,168	**35,772**	-3,756	-9.5%	-3,396	-8.7%	38,611	**17,857**	**17,857**	**17,857**	**17,857**	**17,857**	-21,671	-54.8%	-17,915	-50.1%	-20,754	-53.8%
2Q	**35,791**	37,007	**2,999**	-32,792	-91.6%	-34,007	-91.9%	37,948	**17,812**	**17,812**	**17,602**	**17,578**	**19,780**	-18,213 to -17,979	-50.9% to -50.2%	14,579 to 14,813	486.1% to 493.9%	-20,371 to -20,136	-53.7% to -53.1%
3Q	**35,499**	36,763	**7,342**	-28,157	-79.3%	-29,421	-80.0%	37,723	**22,568**	**21,981**	**19,772**	**19,432**	**27,487**	-16,067 to -12,931	-45.3% to -36.4%	12,090 to 15,226	164.7% to 207.4%	-18,291 to -15,155	-48.5% to -40.2%
4Q	**35,805**	35,387	**14,188**	-21,617	-60.4%	-21,199	-59.9%	36,656	**26,847**	**22,865**	**22,029**	**20,563**	**32,052**	-15,241 to -8,957	-42.6% to -25.0%	6,375 to 12,660	44.9% to 89.2%	-16,092 to -9,808	-43.9% to -26.8%
Total	**146,623**	148,324	**60,301**	-86,322	-58.9%	-88,024	-59.3%	150,939	**85,084**	**80,514**	**77,260**	**75,430**	**97,176**	-71,192 to -61,539	-48.6% to -42.0%	15,129 to 24,783	25.1% to 41.1%	-75,508 to -65,855	-50.0% to -43.6%

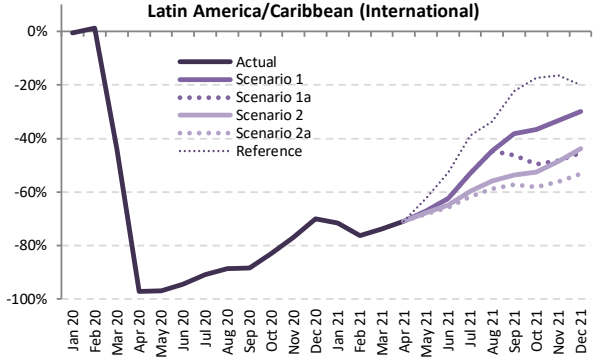
Seat Capacity (thousand) - Latin America/Caribbean Domestic

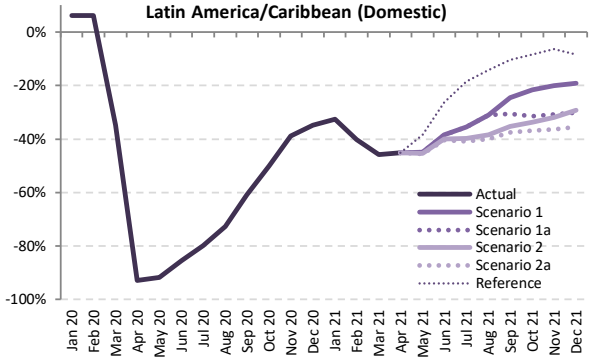
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**24,114**	24,956	**25,216**	1,102	4.6%	260	1.0%	25,656	**17,321**	**17,321**	**17,321**	**17,321**	**17,321**	-6,794	-28.2%	-7,896	-31.3%	-8,335	-32.5%
February	**21,147**	22,459	**22,623**	1,476	7.0%	164	0.7%	22,930	**13,966**	**13,966**	**13,966**	**13,966**	**13,966**	-7,182	-34.0%	-8,658	-38.3%	-8,964	-39.1%
March	**22,641**	24,259	**17,082**	-5,559	-24.6%	-7,177	-29.6%	25,444	**14,259**	**14,259**	**14,259**	**14,259**	**14,259**	-8,382	-37.0%	-2,823	-16.5%	-11,185	-44.0%
April	**21,848**	23,093	**1,968**	-19,880	-91.0%	-21,125	-91.5%	24,169	**13,149**	**13,149**	**13,149**	**13,149**	**13,149**	-8,699	-39.8%	11,181	568.2%	-11,021	-45.6%
May	**22,480**	23,870	**2,070**	-20,410	-90.8%	-21,801	-91.3%	24,414	**13,351**	**13,351**	**13,342**	**13,340**	**14,878**	-9,140 to -9,129	-40.7% to -40.6%	11,271 to 11,281	544.6% to 545.1%	-11,073 to -11,063	-45.4% to -45.3%
June	**21,790**	23,587	**3,536**	-18,254	-83.8%	-20,052	-85.0%	25,010	**14,234**	**14,234**	**14,028**	**14,002**	**16,942**	-7,788 to -7,556	-35.7% to -34.7%	10,466 to 10,698	296.0% to 302.6%	-11,008 to -10,776	-44.0% to -43.1%
July	**24,528**	25,562	**5,873**	-18,655	-76.1%	-19,689	-77.0%	26,734	**16,354**	**16,354**	**15,539**	**15,432**	**20,576**	-9,096 to -8,173	-37.1% to -33.3%	9,559 to 10,482	162.8% to 178.5%	-11,302 to -10,380	-42.3% to -38.8%
August	**23,629**	24,403	**7,199**	-16,430	-69.5%	-17,204	-70.5%	25,400	**16,751**	**16,751**	**15,234**	**15,028**	**20,711**	-8,601 to -6,878	-36.4% to -29.1%	7,828 to 9,552	108.7% to 132.7%	-10,373 to -8,649	-40.8% to -34.1%
September	**22,474**	23,421	**8,899**	-13,575	-60.4%	-14,522	-62.0%	24,644	**17,384**	**16,535**	**15,208**	**14,876**	**20,480**	-7,598 to -5,090	-33.8% to -22.6%	5,977 to 8,485	67.2% to 95.3%	-9,768 to -7,259	-39.6% to -29.5%
October	**23,498**	24,469	**12,126**	-11,372	-48.4%	-12,343	-50.4%	25,472	**18,800**	**17,299**	**16,177**	**15,652**	**21,890**	-7,846 to -4,698	-33.4% to -20.0%	3,527 to 6,674	29.1% to 55.0%	-9,820 to -6,673	-38.6% to -26.2%
November	**22,866**	23,632	**13,746**	-9,119	-39.9%	-9,885	-41.8%	24,522	**18,635**	**16,922**	**16,093**	**15,339**	**21,692**	-7,526 to -4,231	-32.9% to -18.5%	1,593 to 4,889	11.6% to 35.6%	-9,183 to -5,887	-37.4% to -24.0%
December	**24,326**	25,030	**16,252**	-8,074	-33.2%	-8,778	-35.1%	25,714	**20,004**	**18,055**	**17,653**	**16,422**	**22,507**	-7,904 to -4,321	-32.5% to -17.8%	170 to 3,752	1.0% to 23.1%	-9,292 to -5,710	-36.1% to -22.2%
1Q	**67,903**	71,674	**64,922**	-2,981	-4.4%	-6,752	-9.4%	74,030	**45,545**	**45,545**	**45,545**	**45,545**	**45,545**	-22,357	-32.9%	-19,376	-29.8%	-28,485	-38.5%
2Q	**66,118**	70,550	**7,573**	-58,545	-88.5%	-62,977	-89.3%	73,593	**40,734**	**40,734**	**40,519**	**40,490**	**44,968**	-25,628 to -25,384	-38.8% to -38.4%	32,917 to 33,160	434.7% to 437.9%	-33,102 to -32,859	-45.0% to -44.7%
3Q	**70,631**	73,385	**21,971**	-48,660	-68.9%	-51,415	-70.1%	76,778	**50,489**	**49,640**	**45,981**	**45,335**	**61,767**	-25,295 to -20,142	-35.8% to -28.5%	23,365 to 28,518	106.3% to 129.8%	-31,442 to -26,289	-41.0% to -34.2%
4Q	**70,689**	73,131	**42,124**	-28,565	-40.4%	-31,007	-42.4%	75,709	**57,439**	**52,275**	**49,923**	**47,414**	**66,089**	-23,276 to -13,250	-32.9% to -18.7%	5,289 to 15,315	12.6% to 36.4%	-28,295 to -18,270	-37.4% to -24.1%
Total	**275,341**	288,741	**136,590**	-138,751	-50.4%	-152,151	-52.7%	300,109	**194,207**	**188,194**	**181,969**	**178,785**	**218,369**	-96,556 to -81,134	-35.1% to -29.5%	42,195 to 57,617	30.9% to 42.2%	-121,325 to -105,903	-40.4% to -35.3%

Source: ICAO estimates

Passenger number







Passenger Number (thousand) - Latin America/Caribbean International + Domestic

Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**30,843**	31,496	**32,007**	1,165	3.8%	511	1.6%	32,143	**16,545**	**16,545**	**16,545**	**16,545**	**16,545**	-14,298	-46.4%	-15,463	-48.3%	-15,598	-48.5%
February	**26,782**	28,144	**27,966**	1,185	4.4%	-177	-0.6%	28,607	**12,567**	**12,567**	**12,567**	**12,567**	**12,567**	-14,215	-53.1%	-15,400	-55.1%	-16,040	-56.1%
March	**29,083**	30,363	**17,963**	-11,120	-38.2%	-12,399	-40.8%	31,251	**12,711**	**12,711**	**12,711**	**12,711**	**12,711**	-16,372	-56.3%	-5,253	-29.2%	-18,541	-59.3%
April	**27,557**	29,032	**1,530**	-26,027	-94.4%	-27,502	-94.7%	30,293	**12,582**	**12,582**	**12,582**	**12,582**	**12,582**	-14,975	-54.3%	11,052	722.6%	-17,711	-58.5%
May	**27,945**	29,622	**1,832**	-26,113	-93.4%	-27,789	-93.8%	30,552	**13,258**	**13,258**	**13,122**	**13,063**	**14,923**	-14,882 to -14,687	-53.3% to -52.6%	11,231 to 11,425	612.9% to 623.5%	-17,489 to -17,294	-57.2% to -56.6%
June	**27,710**	29,678	**3,162**	-24,548	-88.6%	-26,517	-89.3%	31,260	**14,705**	**14,705**	**14,193**	**14,032**	**17,817**	-13,678 to -13,004	-49.4% to -46.9%	10,870 to 11,544	343.8% to 365.1%	-17,228 to -16,554	-55.1% to -53.0%
July	**31,416**	32,731	**5,165**	-26,251	-83.6%	-27,566	-84.2%	34,127	**18,383**	**18,383**	**16,774**	**16,349**	**23,422**	-15,067 to -13,033	-48.0% to -41.5%	11,185 to 13,219	216.6% to 256.0%	-17,778 to -15,743	-52.1% to -46.1%
August	**29,495**	30,672	**6,447**	-23,048	-78.1%	-24,225	-79.0%	31,999	**18,968**	**18,968**	**16,359**	**15,779**	**23,327**	-13,716 to -10,528	-46.5% to -35.7%	9,332 to 12,521	144.8% to 194.2%	-16,220 to -13,031	-50.7% to -40.7%
September	**26,499**	27,847	**8,072**	-18,427	-69.5%	-19,775	-71.0%	29,263	**18,872**	**17,075**	**15,590**	**14,889**	**22,725**	-11,610 to -7,627	-43.8% to -28.8%	6,816 to 10,800	84.4% to 133.8%	-14,374 to -10,391	-49.1% to -35.5%
October	**27,937**	28,829	**11,102**	-16,836	-60.3%	-17,728	-61.5%	30,077	**20,591**	**17,581**	**16,882**	**15,799**	**24,834**	-12,138 to -7,347	-43.4% to -26.3%	4,697 to 9,489	42.3% to 85.5%	-14,278 to -9,486	-47.5% to -31.5%
November	**27,860**	28,511	**13,508**	-14,353	-51.5%	-15,003	-52.6%	29,754	**21,068**	**17,666**	**17,445**	**15,917**	**25,156**	-11,944 to -6,792	-42.9% to -24.4%	2,409 to 7,561	17.8% to 56.0%	-13,837 to -8,686	-46.5% to -29.2%
December	**30,886**	31,517	**16,376**	-14,510	-47.0%	-15,141	-48.0%	32,693	**23,832**	**19,967**	**20,276**	**18,032**	**27,030**	-12,854 to -7,054	-41.6% to -22.8%	1,656 to 7,456	10.1% to 45.5%	-14,661 to -8,860	-44.8% to -27.1%
1Q	**86,707**	90,003	**77,937**	-8,770	-10.1%	-12,066	-13.4%	92,001	**41,822**	**41,822**	**41,822**	**41,822**	**41,822**	-44,885	-51.8%	-36,115	-46.3%	-50,178	-54.5%
2Q	**83,212**	88,332	**6,524**	-76,688	-92.2%	-81,808	-92.6%	92,104	**40,545**	**40,545**	**39,897**	**39,676**	**45,321**	-43,535 to -42,667	-52.3% to -51.3%	33,153 to 34,021	508.2% to 521.5%	-52,428 to -51,560	-56.9% to -56.0%
3Q	**87,410**	91,250	**19,684**	-67,727	-77.5%	-71,567	-78.4%	95,389	**56,223**	**54,426**	**48,724**	**47,017**	**69,474**	-40,393 to -31,187	-46.2% to -35.7%	27,333 to 36,539	138.9% to 185.6%	-48,372 to -39,166	-50.7% to -41.1%
4Q	**86,684**	88,857	**40,985**	-45,698	-52.7%	-47,872	-53.9%	92,523	**65,491**	**55,213**	**54,603**	**49,747**	**77,020**	-36,936 to -21,193	-42.6% to -24.4%	8,762 to 24,506	21.4% to 59.8%	-42,776 to -27,032	-46.2% to -29.2%
Total	**344,013**	358,442	**145,130**	-198,883	-57.8%	-213,312	-59.5%	372,017	**204,081**	**192,006**	**185,045**	**178,263**	**233,638**	-165,750 to -139,932	-48.2% to -40.7%	33,133 to 58,951	22.8% to 40.6%	-193,754 to -167,936	-52.1% to -45.1%

Source: ICAO estimates

Passenger number

Passenger Number (thousand) - Latin America/Caribbean International

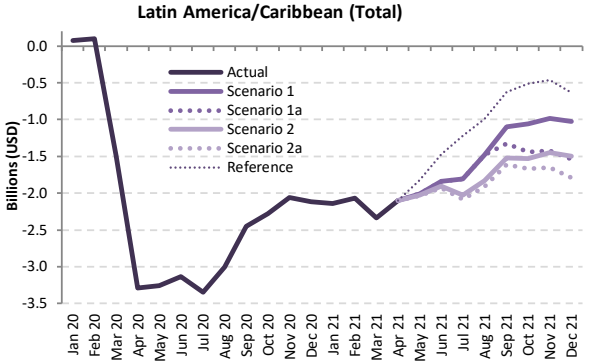
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**10,926**	10,751	**10,875**	-51	-0.5%	124	1.1%	10,657	**3,104**	**3,104**	**3,104**	**3,104**	**3,104**	-7,822	-71.6%	-7,771	-71.5%	-7,553	-70.9%
February	**9,534**	9,706	**9,652**	118	1.2%	-54	-0.6%	9,644	**2,262**	**2,262**	**2,262**	**2,262**	**2,262**	-7,272	-76.3%	-7,390	-76.6%	-7,381	-76.5%
March	**10,830**	10,670	**6,066**	-4,764	-44.0%	-4,605	-43.2%	10,438	**2,838**	**2,838**	**2,838**	**2,838**	**2,838**	-7,992	-73.8%	-3,227	-53.2%	-7,600	-72.8%
April	**9,833**	10,171	**275**	-9,558	-97.2%	-9,897	-97.3%	10,408	**2,864**	**2,864**	**2,864**	**2,864**	**2,864**	-6,969	-70.9%	2,589	943.2%	-7,545	-72.5%
May	**9,569**	9,976	**299**	-9,270	-96.9%	-9,677	-97.0%	10,311	**3,155**	**3,155**	**3,076**	**3,044**	**3,605**	-6,525 to -6,414	-68.2% to -67.0%	2,745 to 2,856	917.9% to 954.9%	-7,267 to -7,156	-70.5% to -69.4%
June	**9,808**	10,168	**554**	-9,253	-94.3%	-9,614	-94.5%	10,418	**3,691**	**3,691**	**3,450**	**3,367**	**4,641**	-6,441 to -6,117	-65.7% to -62.4%	2,812 to 3,137	507.2% to 565.7%	-7,051 to -6,727	-67.7% to -64.6%
July	**10,759**	11,055	**988**	-9,771	-90.8%	-10,067	-91.1%	11,289	**5,054**	**5,054**	**4,338**	**4,117**	**6,570**	-6,642 to -5,705	-61.7% to -53.0%	3,128 to 4,065	316.5% to 411.3%	-7,173 to -6,236	-63.5% to -55.2%
August	**10,182**	10,587	**1,155**	-9,027	-88.7%	-9,432	-89.1%	10,933	**5,624**	**5,624**	**4,480**	**4,191**	**6,746**	-5,991 to -4,558	-58.8% to -44.8%	3,036 to 4,469	263.0% to 387.1%	-6,742 to -5,309	-61.7% to -48.6%
September	**8,413**	8,868	**970**	-7,443	-88.5%	-7,898	-89.1%	9,142	**5,202**	**4,521**	**3,900**	**3,589**	**6,541**	-4,824 to -3,211	-57.3% to -38.2%	2,619 to 4,232	269.9% to 436.2%	-5,553 to -3,940	-60.7% to -43.1%
October	**8,630**	8,599	**1,460**	-7,170	-83.1%	-7,139	-83.0%	8,870	**5,467**	**4,343**	**4,092**	**3,622**	**7,138**	-5,009 to -3,163	-58.0% to -36.7%	2,161 to 4,007	148.0% to 274.4%	-5,248 to -3,403	-59.2% to -38.4%
November	**9,239**	9,139	**2,129**	-7,110	-77.0%	-7,010	-76.7%	9,509	**6,168**	**4,783**	**4,752**	**4,053**	**7,727**	-5,185 to -3,070	-56.1% to -33.2%	1,925 to 4,040	90.4% to 189.8%	-5,455 to -3,340	-57.4% to -35.1%
December	**10,726**	10,641	**3,228**	-7,498	-69.9%	-7,413	-69.7%	11,087	**7,512**	**5,858**	**6,020**	**5,021**	**8,579**	-5,706 to -3,214	-53.2% to -30.0%	1,793 to 4,284	55.5% to 132.7%	-6,066 to -3,575	-54.7% to -32.2%
1Q	**31,290**	31,127	**26,592**	-4,698	-15.0%	-4,535	-14.6%	30,738	**8,204**	**8,204**	**8,204**	**8,204**	**8,204**	-23,086	-73.8%	-18,388	-69.1%	-22,534	-73.3%
2Q	**29,210**	30,316	**1,128**	-28,082	-96.1%	-29,188	-96.3%	31,137	**9,709**	**9,709**	**9,390**	**9,274**	**11,110**	-19,936 to -19,500	-68.2% to -66.8%	8,146 to 8,581	722.2% to 760.8%	-21,863 to -21,427	-70.2% to -68.8%
3Q	**29,354**	30,510	**3,113**	-26,240	-89.4%	-27,397	-89.8%	31,364	**15,880**	**15,199**	**12,718**	**11,896**	**19,857**	-17,457 to -13,474	-59.5% to -45.9%	8,783 to 12,767	282.1% to 410.1%	-19,468 to -15,485	-62.1% to -49.4%
4Q	**28,595**	28,378	**6,817**	-21,778	-76.2%	-21,562	-76.0%	29,465	**19,147**	**14,984**	**14,863**	**12,696**	**23,444**	-15,899 to -9,448	-55.6% to -33.0%	5,879 to 12,331	86.2% to 180.9%	-16,770 to -10,318	-56.9% to -35.0%
Total	**118,449**	120,332	**37,650**	-80,799	-68.2%	-82,682	-68.7%	122,705	**52,940**	**48,096**	**45,175**	**42,070**	**62,614**	-76,379 to -65,508	-64.5% to -55.3%	4,420 to 15,290	11.7% to 40.6%	-80,635 to -69,764	-65.7% to -56.9%

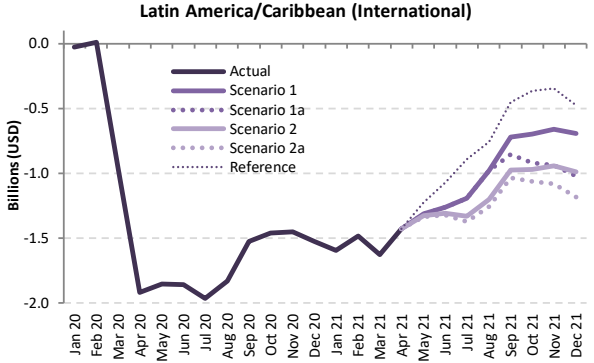
Passenger Number (thousand) - Latin America/Caribbean Domestic

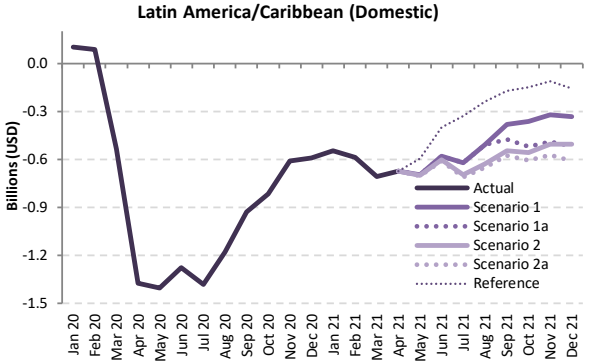
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**19,917**	20,745	**21,133**	1,216	6.1%	387	1.9%	21,486	**13,441**	**13,441**	**13,441**	**13,441**	**13,441**	-6,476	-32.5%	-7,691	-36.4%	-8,045	-37.4%
February	**17,247**	18,438	**18,315**	1,067	6.2%	-124	-0.7%	18,963	**10,305**	**10,305**	**10,305**	**10,305**	**10,305**	-6,943	-40.3%	-8,010	-43.7%	-8,659	-45.7%
March	**18,253**	19,692	**11,898**	-6,355	-34.8%	-7,795	-39.6%	20,813	**9,873**	**9,873**	**9,873**	**9,873**	**9,873**	-8,380	-45.9%	-2,025	-17.0%	-10,941	-52.6%
April	**17,724**	18,860	**1,255**	-16,469	-92.9%	-17,605	-93.3%	19,885	**9,718**	**9,718**	**9,718**	**9,718**	**9,718**	-8,006	-45.2%	8,463	674.3%	-10,167	-51.1%
May	**18,376**	19,645	**1,533**	-16,843	-91.7%	-18,112	-92.2%	20,241	**10,103**	**10,103**	**10,046**	**10,019**	**11,317**	-8,357 to -8,273	-45.5% to -45.0%	8,486 to 8,570	553.4% to 558.9%	-10,222 to -10,138	-50.5% to -50.1%
June	**17,902**	19,510	**2,607**	-15,295	-85.4%	-16,903	-86.6%	20,842	**11,014**	**11,014**	**10,743**	**10,665**	**13,177**	-7,237 to -6,888	-40.4% to -38.5%	8,058 to 8,407	309.0% to 322.4%	-10,177 to -9,828	-48.8% to -47.2%
July	**20,657**	21,676	**4,176**	-16,481	-79.8%	-17,499	-80.7%	22,837	**13,330**	**13,330**	**12,436**	**12,233**	**16,852**	-8,424 to -7,327	-40.8% to -35.5%	8,056 to 9,154	192.9% to 219.2%	-10,605 to -9,507	-46.4% to -41.6%
August	**19,314**	20,085	**5,292**	-14,021	-72.6%	-14,793	-73.7%	21,066	**13,344**	**13,344**	**11,879**	**11,588**	**16,580**	-7,725 to -5,970	-40.0% to -30.9%	6,296 to 8,051	119.0% to 152.1%	-9,478 to -7,722	-45.0% to -36.7%
September	**18,086**	18,979	**7,102**	-10,984	-60.7%	-11,877	-62.6%	20,121	**13,670**	**12,553**	**11,691**	**11,300**	**16,184**	-6,786 to -4,417	-37.5% to -24.4%	4,198 to 6,568	59.1% to 92.5%	-8,821 to -6,451	-43.8% to -32.1%
October	**19,307**	20,230	**9,641**	-9,666	-50.1%	-10,589	-52.3%	21,207	**15,124**	**13,238**	**12,790**	**12,177**	**17,696**	-7,130 to -4,183	-36.9% to -21.7%	2,536 to 5,482	26.3% to 56.9%	-9,030 to -6,084	-42.6% to -28.7%
November	**18,622**	19,372	**11,379**	-7,243	-38.9%	-7,993	-41.3%	20,245	**14,900**	**12,883**	**12,694**	**11,863**	**17,429**	-6,758 to -3,722	-36.3% to -20.0%	484 to 3,521	4.3% to 30.9%	-8,382 to -5,345	-41.4% to -26.4%
December	**20,160**	20,876	**13,149**	-7,011	-34.8%	-7,728	-37.0%	21,606	**16,320**	**14,109**	**14,256**	**13,011**	**18,451**	-7,148 to -3,839	-35.5% to -19.0%	-137 to 3,172	-1.0% to 24.1%	-8,595 to -5,285	-39.8% to -24.5%
1Q	**55,417**	58,876	**51,345**	-4,072	-7.3%	-7,531	-12.8%	61,262	**33,618**	**33,618**	**33,618**	**33,618**	**33,618**	-21,799	-39.3%	-17,727	-34.5%	-27,644	-45.1%
2Q	**54,002**	58,016	**5,396**	-48,606	-90.0%	-52,620	-90.7%	60,968	**30,835**	**30,835**	**30,507**	**30,402**	**34,212**	-23,600 to -23,167	-43.7% to -42.9%	25,007 to 25,440	463.4% to 471.5%	-30,566 to -30,133	-50.1% to -49.4%
3Q	**58,057**	60,740	**16,570**	-41,486	-71.5%	-44,169	-72.7%	64,024	**40,343**	**39,227**	**36,006**	**35,121**	**49,617**	-22,936 to -17,714	-39.5% to -30.5%	18,550 to 23,773	111.9% to 143.5%	-28,903 to -23,681	-45.1% to -37.0%
4Q	**58,089**	60,479	**34,169**	-23,920	-41.2%	-26,310	-43.5%	63,058	**46,344**	**40,230**	**39,739**	**37,052**	**53,577**	-21,037 to -11,745	-36.2% to -20.2%	2,883 to 12,175	8.4% to 35.6%	-26,006 to -16,714	-41.2% to -26.5%
Total	**225,564**	238,110	**107,480**	-118,084	-52.4%	-130,630	-54.9%	249,312	**151,141**	**143,910**	**139,870**	**136,193**	**171,023**	-89,371 to -74,424	-39.6% to -33.0%	28,713 to 43,660	26.7% to 40.6%	-113,119 to -98,172	-45.4% to -39.4%

Source: ICAO estimates

Passenger revenue







Passenger revenue (USD, million) - Latin America/Caribbean International + Domestic

Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**3,865**	3,887	**3,940**	75	1.9%	53	1.4%	3,943	**1,723**	**1,723**	**1,723**	**1,723**	**1,723**	-2,143	-55.4%	-2,217	-56.3%	-2,220	-56.3%
February	**3,361**	3,483	**3,457**	96	2.9%	-26	-0.8%	3,523	**1,290**	**1,290**	**1,290**	**1,290**	**1,290**	-2,070	-61.6%	-2,167	-62.7%	-2,233	-63.4%
March	**3,688**	3,768	**2,196**	-1,492	-40.5%	-1,571	-41.7%	3,826	**1,353**	**1,353**	**1,353**	**1,353**	**1,353**	-2,336	-63.3%	-844	-38.4%	-2,473	-64.6%
April	**3,444**	3,609	**154**	-3,290	-95.5%	-3,455	-95.7%	3,745	**1,344**	**1,344**	**1,344**	**1,344**	**1,344**	-2,100	-61.0%	1,190	771.8%	-2,400	-64.1%
May	**3,439**	3,630	**184**	-3,256	-94.7%	-3,446	-94.9%	3,745	**1,432**	**1,432**	**1,412**	**1,404**	**1,620**	-2,035 to -2,007	-59.2% to -58.4%	1,220 to 1,248	663.6% to 678.8%	-2,341 to -2,313	-62.5% to -61.8%
June	**3,450**	3,666	**316**	-3,134	-90.8%	-3,350	-91.4%	3,831	**1,611**	**1,611**	**1,542**	**1,519**	**1,976**	-1,930 to -1,839	-56.0% to -53.3%	1,204 to 1,295	381.0% to 409.9%	-2,311 to -2,220	-60.3% to -58.0%
July	**3,875**	4,038	**529**	-3,346	-86.4%	-3,509	-86.9%	4,197	**2,064**	**2,064**	**1,852**	**1,792**	**2,656**	-2,082 to -1,810	-53.7% to -46.7%	1,264 to 1,536	239.0% to 290.4%	-2,405 to -2,133	-57.3% to -50.8%
August	**3,664**	3,827	**657**	-3,007	-82.1%	-3,170	-82.8%	3,990	**2,179**	**2,179**	**1,834**	**1,755**	**2,670**	-1,909 to -1,484	-52.1% to -40.5%	1,098 to 1,523	167.2% to 231.9%	-2,236 to -1,811	-56.0% to -45.4%
September	**3,229**	3,398	**777**	-2,452	-75.9%	-2,620	-77.1%	3,554	**2,130**	**1,903**	**1,709**	**1,617**	**2,606**	-1,612 to -1,099	-49.9% to -34.0%	840 to 1,353	108.0% to 174.1%	-1,937 to -1,424	-54.5% to -40.1%
October	**3,364**	3,437	**1,087**	-2,278	-67.7%	-2,351	-68.4%	3,582	**2,304**	**1,926**	**1,838**	**1,696**	**2,854**	-1,668 to -1,060	-49.6% to -31.5%	610 to 1,218	56.1% to 112.1%	-1,886 to -1,278	-52.6% to -35.7%
November	**3,405**	3,436	**1,347**	-2,059	-60.5%	-2,089	-60.8%	3,587	**2,423**	**1,981**	**1,958**	**1,754**	**2,947**	-1,652 to -983	-48.5% to -28.9%	407 to 1,076	30.2% to 79.9%	-1,833 to -1,164	-51.1% to -32.4%
December	**3,826**	3,867	**1,712**	-2,114	-55.3%	-2,155	-55.7%	4,024	**2,801**	**2,290**	**2,332**	**2,034**	**3,195**	-1,792 to -1,024	-46.8% to -26.8%	322 to 1,090	18.8% to 63.7%	-1,990 to -1,223	-49.5% to -30.4%
1Q	**10,914**	11,138	**9,593**	-1,321	-12.1%	-1,545	-13.9%	11,292	**4,366**	**4,366**	**4,366**	**4,366**	**4,366**	-6,549	-60.0%	-5,227	-54.5%	-6,926	-61.3%
2Q	**10,333**	10,905	**654**	-9,679	-93.7%	-10,251	-94.0%	11,320	**4,387**	**4,387**	**4,298**	**4,268**	**4,940**	-6,066 to -5,946	-58.7% to -57.5%	3,614 to 3,733	552.6% to 570.8%	-7,053 to -6,933	-62.3% to -61.2%
3Q	**10,768**	11,263	**1,963**	-8,805	-81.8%	-9,300	-82.6%	11,741	**6,374**	**6,147**	**5,395**	**5,164**	**7,931**	-5,604 to -4,394	-52.0% to -40.8%	3,201 to 4,411	163.1% to 224.8%	-6,577 to -5,367	-56.0% to -45.7%
4Q	**10,595**	10,740	**4,145**	-6,450	-60.9%	-6,594	-61.4%	11,193	**7,529**	**6,197**	**6,128**	**5,484**	**8,995**	-5,112 to -3,067	-48.2% to -28.9%	1,339 to 3,383	32.3% to 81.6%	-5,709 to -3,665	-51.0% to -32.7%
Total	**42,611**	44,045	**16,355**	-26,256	-61.6%	-27,691	-62.9%	45,547	**22,655**	**21,097**	**20,188**	**19,281**	**26,233**	-23,330 to -19,956	-54.8% to -46.8%	2,926 to 6,300	17.9% to 38.5%	-26,266 to -22,891	-57.7% to -50.3%

Source: ICAO estimates

Passenger revenue

Passenger revenue (USD, million) - Latin America/Caribbean International

Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**2,201**	2,157	**2,175**	-25	-1.2%	19	0.9%	2,152	**605**	**605**	**605**	**605**	**605**	-1,596	-72.5%	-1,570	-72.2%	-1,547	-71.9%
February	**1,921**	1,947	**1,929**	9	0.5%	-17	-0.9%	1,944	**436**	**436**	**436**	**436**	**436**	-1,484	-77.3%	-1,493	-77.4%	-1,508	-77.6%
March	**2,167**	2,127	**1,208**	-959	-44.3%	-919	-43.2%	2,092	**539**	**539**	**539**	**539**	**539**	-1,627	-75.1%	-668	-55.3%	-1,553	-74.2%
April	**1,970**	2,040	**52**	-1,918	-97.3%	-1,988	-97.4%	2,092	**544**	**544**	**544**	**544**	**544**	-1,426	-72.4%	492	939.8%	-1,548	-74.0%
May	**1,911**	1,996	**59**	-1,853	-96.9%	-1,938	-97.1%	2,063	**600**	**600**	**585**	**579**	**687**	-1,333 to -1,312	-69.7% to -68.6%	520 to 541	886.4% to 922.6%	-1,484 to -1,463	-72.0% to -70.9%
June	**1,962**	2,043	**104**	-1,858	-94.7%	-1,939	-94.9%	2,098	**703**	**703**	**657**	**641**	**889**	-1,321 to -1,259	-67.3% to -64.2%	536 to 599	514.2% to 573.9%	-1,457 to -1,394	-69.4% to -66.5%
July	**2,156**	2,234	**190**	-1,965	-91.2%	-2,044	-91.5%	2,297	**966**	**966**	**827**	**784**	**1,265**	-1,371 to -1,190	-63.6% to -55.2%	594 to 775	312.2% to 407.4%	-1,513 to -1,332	-65.9% to -58.0%
August	**2,057**	2,154	**227**	-1,830	-89.0%	-1,927	-89.5%	2,235	**1,079**	**1,079**	**855**	**800**	**1,300**	-1,257 to -978	-61.1% to -47.5%	573 to 852	252.8% to 376.1%	-1,436 to -1,156	-64.2% to -51.7%
September	**1,720**	1,815	**196**	-1,524	-88.6%	-1,618	-89.2%	1,876	**1,002**	**868**	**746**	**685**	**1,269**	-1,035 to -718	-60.2% to -41.7%	489 to 806	248.9% to 410.1%	-1,191 to -874	-63.5% to -46.6%
October	**1,754**	1,753	**292**	-1,462	-83.3%	-1,460	-83.3%	1,819	**1,056**	**834**	**784**	**692**	**1,392**	-1,062 to -698	-60.5% to -39.8%	400 to 764	136.8% to 261.1%	-1,126 to -762	-61.9% to -41.9%
November	**1,855**	1,825	**406**	-1,449	-78.1%	-1,419	-77.8%	1,905	**1,193**	**919**	**911**	**776**	**1,507**	-1,079 to -662	-58.2% to -35.7%	370 to 787	91.1% to 193.9%	-1,130 to -712	-59.3% to -37.4%
December	**2,145**	2,129	**621**	-1,524	-71.0%	-1,508	-70.8%	2,228	**1,454**	**1,126**	**1,156**	**961**	**1,670**	-1,184 to -691	-55.2% to -32.2%	340 to 833	54.8% to 134.1%	-1,266 to -774	-56.8% to -34.7%
1Q	**6,288**	6,231	**5,313**	-976	-15.5%	-918	-14.7%	6,188	**1,581**	**1,581**	**1,581**	**1,581**	**1,581**	-4,708	-74.9%	-3,732	-70.2%	-4,607	-74.5%
2Q	**5,844**	6,080	**215**	-5,628	-96.3%	-5,864	-96.5%	6,252	**1,847**	**1,847**	**1,785**	**1,763**	**2,120**	-4,080 to -3,997	-69.8% to -68.4%	1,548 to 1,632	719.0% to 757.8%	-4,489 to -4,405	-71.8% to -70.5%
3Q	**5,932**	6,202	**613**	-5,319	-89.7%	-5,589	-90.1%	6,409	**3,047**	**2,913**	**2,428**	**2,269**	**3,835**	-3,663 to -2,886	-61.7% to -48.6%	1,656 to 2,433	270.0% to 396.7%	-4,140 to -3,362	-64.6% to -52.5%
4Q	**5,754**	5,707	**1,319**	-4,434	-77.1%	-4,387	-76.9%	5,951	**3,703**	**2,878**	**2,851**	**2,429**	**4,570**	-3,324 to -2,050	-57.8% to -35.6%	1,110 to 2,384	84.1% to 180.7%	-3,522 to -2,248	-59.2% to -37.8%
Total	**23,818**	24,220	**7,461**	-16,358	-68.7%	-16,759	-69.2%	24,800	**10,178**	**9,218**	**8,645**	**8,043**	**12,105**	-15,776 to -13,641	-66.2% to -57.3%	582 to 2,717	7.8% to 36.4%	-16,758 to -14,623	-67.6% to -59.0%

Passenger revenue (USD, million) - Latin America/Caribbean Domestic

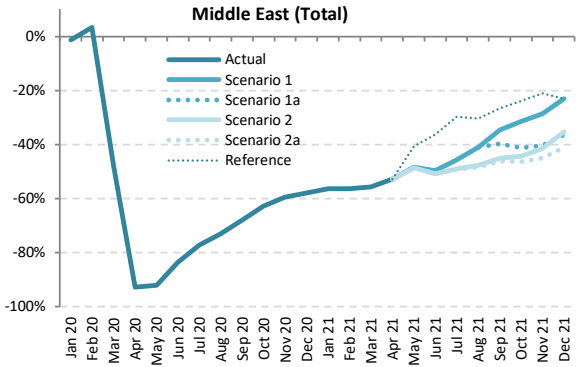
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**1,664**	1,731	**1,765**	100	6.0%	34	2.0%	1,791	**1,118**	**1,118**	**1,118**	**1,118**	**1,118**	-547	-32.8%	-647	-36.6%	-674	-37.6%
February	**1,440**	1,536	**1,527**	87	6.1%	-9	-0.6%	1,579	**854**	**854**	**854**	**854**	**854**	-586	-40.7%	-673	-44.1%	-725	-45.9%
March	**1,522**	1,640	**988**	-533	-35.0%	-652	-39.7%	1,734	**813**	**813**	**813**	**813**	**813**	-708	-46.5%	-175	-17.7%	-921	-53.1%
April	**1,474**	1,569	**102**	-1,372	-93.1%	-1,467	-93.5%	1,653	**801**	**801**	**801**	**801**	**801**	-674	-45.7%	699	685.6%	-852	-51.6%
May	**1,528**	1,634	**125**	-1,403	-91.8%	-1,509	-92.3%	1,682	**832**	**832**	**828**	**825**	**933**	-703 to -696	-46.0% to -45.5%	700 to 707	559.1% to 564.7%	-857 to -850	-50.9% to -50.5%
June	**1,487**	1,623	**212**	-1,276	-85.8%	-1,411	-87.0%	1,733	**907**	**907**	**885**	**879**	**1,087**	-609 to -580	-40.9% to -39.0%	667 to 696	315.4% to 329.0%	-855 to -826	-49.3% to -47.6%
July	**1,719**	1,804	**338**	-1,381	-80.3%	-1,466	-81.2%	1,900	**1,099**	**1,099**	**1,025**	**1,008**	**1,391**	-711 to -620	-41.4% to -36.1%	669 to 760	197.8% to 224.6%	-892 to -801	-46.9% to -42.2%
August	**1,607**	1,673	**430**	-1,177	-73.2%	-1,243	-74.3%	1,755	**1,100**	**1,100**	**979**	**955**	**1,369**	-652 to -507	-40.6% to -31.5%	525 to 670	122.1% to 155.9%	-800 to -655	-45.6% to -37.3%
September	**1,509**	1,583	**581**	-928	-61.5%	-1,002	-63.3%	1,677	**1,128**	**1,035**	**964**	**931**	**1,337**	-578 to -381	-38.3% to -25.3%	351 to 547	60.4% to 94.2%	-746 to -549	-44.5% to -32.8%
October	**1,610**	1,684	**794**	-816	-50.7%	-890	-52.8%	1,764	**1,248**	**1,092**	**1,054**	**1,004**	**1,462**	-606 to -362	-37.7% to -22.5%	210 to 454	26.4% to 57.2%	-760 to -516	-43.1% to -29.2%
November	**1,551**	1,611	**941**	-610	-39.3%	-670	-41.6%	1,682	**1,230**	**1,063**	**1,047**	**978**	**1,440**	-573 to -321	-36.9% to -20.7%	37 to 289	3.9% to 30.7%	-704 to -452	-41.8% to -26.9%
December	**1,681**	1,737	**1,091**	-590	-35.1%	-647	-37.2%	1,796	**1,347**	**1,164**	**1,176**	**1,073**	**1,524**	-608 to -333	-36.2% to -19.8%	-18 to 257	-1.6% to 23.5%	-724 to -449	-40.3% to -25.0%
1Q	**4,626**	4,908	**4,280**	-346	-7.5%	-627	-12.8%	5,104	**2,785**	**2,785**	**2,785**	**2,785**	**2,785**	-1,841	-39.8%	-1,495	-34.9%	-2,319	-45.4%
2Q	**4,490**	4,825	**439**	-4,051	-90.2%	-4,387	-90.9%	5,068	**2,540**	**2,540**	**2,513**	**2,504**	**2,820**	-1,985 to -1,949	-44.2% to -43.4%	2,066 to 2,102	470.9% to 479.1%	-2,564 to -2,528	-50.6% to -49.9%
3Q	**4,835**	5,060	**1,349**	-3,486	-72.1%	-3,711	-73.3%	5,332	**3,327**	**3,235**	**2,968**	**2,894**	**4,097**	-1,941 to -1,508	-40.1% to -31.2%	1,545 to 1,978	114.5% to 146.6%	-2,437 to -2,005	-45.7% to -37.6%
4Q	**4,842**	5,033	**2,826**	-2,016	-41.6%	-2,207	-43.9%	5,242	**3,825**	**3,319**	**3,277**	**3,055**	**4,426**	-1,787 to -1,016	-36.9% to -21.0%	229 to 1,000	8.1% to 35.4%	-2,187 to -1,417	-41.7% to -27.0%
Total	**18,792**	19,826	**8,894**	-9,899	-52.7%	-10,932	-55.1%	20,746	**12,478**	**11,878**	**11,543**	**11,238**	**14,127**	-7,554 to -6,315	-40.2% to -33.6%	2,344 to 3,584	26.4% to 40.3%	-9,508 to -8,269	-45.8% to -39.9%

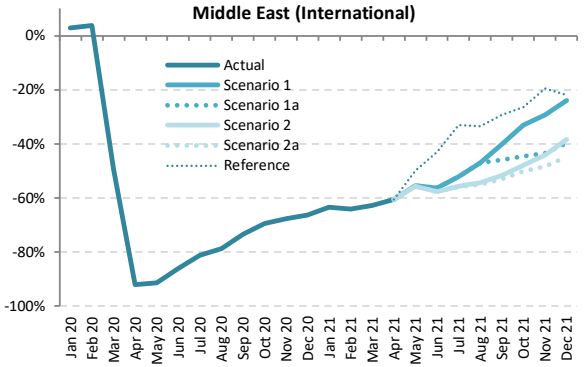
Source: ICAO estimates

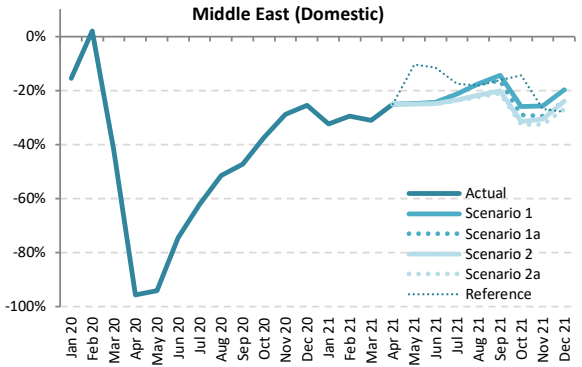
Middle East

Compared to 2019	Seat capacity (%)			Passenger number (thousand)						Passenger revenue (USD, million)		
	Total	International	Domestic	Total		International		Domestic		Total	International	Domestic
1Q 2020	-15.8%	-14.8%	-19.1%	-8,127	-18.3%	-5,982	-17.3%	-2,145	-21.7%	-1,243	-1,040	-203
2Q 2020	-89.4%	-89.7%	-88.2%	-43,712	-95.5%	-34,279	-96.1%	-9,433	-93.1%	-7,184	-6,292	-891
3Q 2020	-72.8%	-77.9%	-53.7%	-44,477	-86.5%	-36,766	-90.1%	-7,711	-72.7%	-7,451	-6,722	-729
4Q 2020	-60.0%	-67.8%	-30.7%	-35,348	-78.0%	-30,093	-83.7%	-5,254	-56.1%	-6,023	-5,526	-497
Total 2020	**-59.7%**	**-62.9%**	**-48.0%**	**-131,664**	**-70.4%**	**-107,121**	**-72.9%**	**-24,543**	**-61.4%**	**-21,901**	**-19,581**	**-2,319**
1Q 2021	-56.1%	-63.4%	-31.0%	-33,430	-75.3%	-27,727	-80.4%	-5,703	-57.7%	-5,619	-5,080	-539
2Q 2021	-50.7% to -50.2%	-58.0% to -57.4%	-25.0% to -24.8%	-30,942 to -30,262	-67.6% to -66.1%	-26,436 to -25,942	-74.1% to -72.7%	-4,506 to -4,320	-44.5% to -42.6%	-5,276 to -5,167	-4,850 to -4,758	-426 to -408
3Q 2021	-47.9% to -40.5%	-54.7% to -46.5%	-22.4% to -17.9%	-31,249 to -25,056	-60.8% to -48.7%	-27,346 to -22,323	-67.0% to -54.7%	-3,903 to -2,732	-36.8% to -25.7%	-5,374 to -4,331	-5,005 to -4,073	-369 to -258
4Q 2021	-44.2% to -27.7%	-47.7% to -28.8%	-30.6% to -23.8%	-25,605 to -15,771	-56.5% to -34.8%	-21,688 to -13,086	-60.3% to -36.4%	-3,918 to -2,684	-41.8% to -28.6%	-4,345 to -2,636	-3,974 to -2,382	-370 to -254
Total 2021	**-49.7% to -43.5%**	**-55.9% to -48.8%**	**-27.2% to -24.4%**	**-121,226 to -104,518**	**-64.9% to -55.9%**	**-103,196 to -89,078**	**-70.2% to -60.6%**	**-18,030 to -15,440**	**-45.1% to -38.6%**	**-20,613 to -17,752**	**-18,909 to -16,293**	**-1,704 to -1,459**

Seat capacity







Seat Capacity (thousand) - Middle East International + Domestic																		
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**20,935**	21,294	**20,651**	-283	-1.4%	-643	-3.0%	21,185	**9,125**	**9,125**	**9,125**	**9,125**	**9,125**	-11,810	-56.4%	-11,527	-55.8%	-12,060	-56.9%
February	**18,681**	19,576	**19,296**	615	3.3%	-280	-1.4%	19,408	**8,159**	**8,159**	**8,159**	**8,159**	**8,159**	-10,522	-56.3%	-11,137	-57.7%	-11,249	-58.0%
March	**20,637**	20,982	**10,797**	-9,840	-47.7%	-10,185	-48.5%	20,493	**9,150**	**9,150**	**9,150**	**9,150**	**9,150**	-11,487	-55.7%	-1,647	-15.3%	-11,343	-55.3%
April	**19,673**	20,513	**1,416**	-18,257	-92.8%	-19,097	-93.1%	20,667	**9,307**	**9,307**	**9,307**	**9,307**	**9,307**	-10,366	-52.7%	7,891	557.2%	-11,360	-55.0%
May	**19,505**	21,155	**1,561**	-17,944	-92.0%	-19,594	-92.6%	21,735	**10,087**	**10,087**	**10,042**	**10,036**	**11,589**	-9,468 to -9,417	-48.5% to -48.3%	8,475 to 8,526	542.9% to 546.2%	-11,699 to -11,648	-53.8% to -53.6%
June	**20,736**	21,286	**3,388**	-17,349	-83.7%	-17,898	-84.1%	21,437	**10,445**	**10,445**	**10,218**	**10,190**	**13,176**	-10,546 to -10,292	-50.9% to -49.6%	6,802 to 7,057	200.8% to 208.3%	-11,247 to -10,993	-52.5% to -51.3%
July	**21,924**	22,458	**5,015**	-16,910	-77.1%	-17,444	-77.7%	22,631	**11,912**	**11,912**	**11,198**	**11,129**	**15,388**	-10,795 to -10,012	-49.2% to -45.7%	6,114 to 6,897	121.9% to 137.5%	-11,501 to -10,719	-50.8% to -47.4%
August	**22,639**	22,971	**6,095**	-16,544	-73.1%	-16,877	-73.5%	23,133	**13,371**	**13,371**	**11,852**	**11,711**	**15,759**	-10,928 to -9,268	-48.3% to -40.9%	5,617 to 7,276	92.2% to 119.4%	-11,422 to -9,763	-49.4% to -42.2%
September	**20,534**	20,934	**6,585**	-13,949	-67.9%	-14,349	-68.5%	21,093	**13,432**	**12,391**	**11,312**	**11,068**	**15,080**	-9,466 to -7,102	-46.1% to -34.6%	4,483 to 6,847	68.1% to 104.0%	-10,025 to -7,660	-47.5% to -36.3%
October	**20,470**	20,469	**7,642**	-12,828	-62.7%	-12,826	-62.7%	20,631	**14,009**	**12,039**	**11,395**	**10,962**	**15,580**	-9,508 to -6,461	-46.4% to -31.6%	3,320 to 6,366	43.4% to 83.3%	-9,669 to -6,622	-46.9% to -32.1%
November	**19,516**	19,342	**7,897**	-11,619	-59.5%	-11,445	-59.2%	19,593	**13,941**	**11,619**	**11,437**	**10,734**	**15,403**	-8,783 to -5,575	-45.0% to -28.6%	2,837 to 6,044	35.9% to 76.5%	-8,860 to -5,652	-45.2% to -28.8%
December	**20,828**	21,169	**8,759**	-12,069	-57.9%	-12,410	-58.6%	21,496	**16,013**	**13,243**	**13,461**	**12,266**	**16,006**	-8,562 to -4,815	-41.1% to -23.1%	3,506 to 7,254	40.0% to 82.8%	-9,231 to -5,483	-42.9% to -25.5%
1Q	**60,252**	61,852	**50,744**	-9,508	-15.8%	-11,108	-18.0%	61,085	**26,433**	**26,433**	**26,433**	**26,433**	**26,433**	-33,819	-56.1%	-24,311	-47.9%	-34,652	-56.7%
2Q	**59,914**	62,954	**6,365**	-53,549	-89.4%	-56,589	-89.9%	63,840	**29,839**	**29,839**	**29,566**	**29,533**	**34,073**	-30,381 to -30,075	-50.7% to -50.2%	23,169 to 23,474	364.0% to 368.8%	-34,307 to -34,001	-53.7% to -53.3%
3Q	**65,097**	66,364	**17,694**	-47,402	-72.8%	-48,669	-73.3%	66,856	**38,715**	**37,673**	**34,362**	**33,908**	**46,227**	-31,189 to -26,382	-47.9% to -40.5%	16,214 to 21,020	91.6% to 118.8%	-32,948 to -28,142	-49.3% to -42.1%
4Q	**60,814**	60,979	**24,298**	-36,516	-60.0%	-36,681	-60.2%	61,721	**43,963**	**36,901**	**36,294**	**33,961**	**46,989**	-26,853 to -16,851	-44.2% to -27.7%	9,663 to 19,665	39.8% to 80.9%	-27,760 to -17,758	-45.0% to -28.8%
Total	**246,077**	252,149	**99,102**	-146,975	-59.7%	-153,047	-60.7%	253,502	**138,950**	**130,846**	**126,655**	**123,836**	**153,723**	-122,241 to -107,127	-49.7% to -43.5%	24,734 to 39,848	25.0% to 40.2%	-129,666 to -114,552	-51.1% to -45.2%

Source: ICAO estimates

Seat capacity

Seat Capacity (thousand) - Middle East International

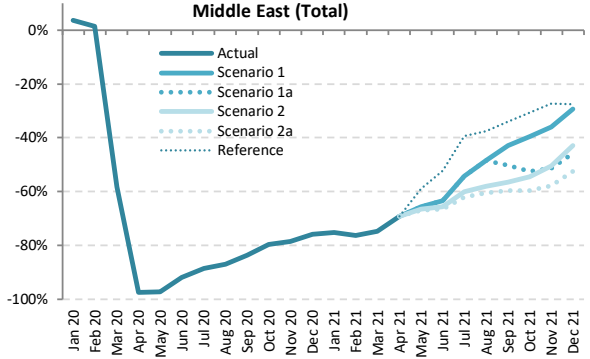
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**16,184**	16,864	**16,636**	452	2.8%	-228	-1.4%	16,907	**5,909**	**5,909**	**5,909**	**5,909**	**5,909**	-10,274	-63.5%	-10,727	-64.5%	-10,998	-65.0%
February	**14,502**	15,544	**15,035**	532	3.7%	-510	-3.3%	15,625	**5,216**	**5,216**	**5,216**	**5,216**	**5,216**	-9,286	-64.0%	-9,818	-65.3%	-10,408	-66.6%
March	**16,046**	16,718	**8,142**	-7,904	-49.3%	-8,576	-51.3%	16,506	**5,985**	**5,985**	**5,985**	**5,985**	**5,985**	-10,061	-62.7%	-2,157	-26.5%	-10,521	-63.7%
April	**15,327**	16,198	**1,227**	-14,100	-92.0%	-14,971	-92.4%	16,490	**6,053**	**6,053**	**6,053**	**6,053**	**6,053**	-9,274	-60.5%	4,826	393.4%	-10,437	-63.3%
May	**14,928**	16,610	**1,292**	-13,635	-91.3%	-15,318	-92.2%	17,361	**6,651**	**6,651**	**6,609**	**6,605**	**7,492**	-8,323 to -8,276	-55.8% to -55.4%	5,312 to 5,359	411.1% to 414.7%	-10,756 to -10,710	-62.0% to -61.7%
June	**16,376**	16,956	**2,281**	-14,095	-86.1%	-14,675	-86.5%	17,311	**7,146**	**7,146**	**6,943**	**6,919**	**9,321**	-9,457 to -9,229	-57.8% to -56.4%	4,638 to 4,865	203.3% to 213.3%	-10,393 to -10,165	-60.0% to -58.7%
July	**17,335**	17,901	**3,280**	-14,054	-81.1%	-14,621	-81.7%	18,289	**8,303**	**8,303**	**7,685**	**7,629**	**11,605**	-9,705 to -9,032	-56.0% to -52.1%	4,349 to 5,022	132.6% to 153.1%	-10,660 to -9,987	-58.3% to -54.6%
August	**18,009**	18,374	**3,845**	-14,164	-78.6%	-14,529	-79.1%	18,727	**9,556**	**9,556**	**8,233**	**8,114**	**11,975**	-9,895 to -8,453	-54.9% to -46.9%	4,269 to 5,711	111.0% to 148.5%	-10,613 to -9,171	-56.7% to -49.0%
September	**16,148**	16,579	**4,276**	-11,872	-73.5%	-12,303	-74.2%	16,895	**9,680**	**8,727**	**7,811**	**7,603**	**11,408**	-8,545 to -6,468	-52.9% to -40.1%	3,327 to 5,404	77.8% to 126.4%	-9,292 to -7,215	-55.0% to -42.7%
October	**16,072**	16,533	**4,897**	-11,175	-69.5%	-11,636	-70.4%	17,085	**10,748**	**8,921**	**8,383**	**8,000**	**11,821**	-8,072 to -5,324	-50.2% to -33.1%	3,103 to 5,851	63.4% to 119.5%	-9,085 to -6,336	-53.2% to -37.1%
November	**15,440**	15,714	**4,998**	-10,441	-67.6%	-10,716	-68.2%	16,342	**10,913**	**8,742**	**8,611**	**7,982**	**12,422**	-7,458 to -4,526	-48.3% to -29.3%	2,984 to 5,915	59.7% to 118.3%	-8,360 to -5,429	-51.2% to -33.2%
December	**16,544**	17,231	**5,564**	-10,980	-66.4%	-11,667	-67.7%	17,850	**12,576**	**9,988**	**10,199**	**9,127**	**12,922**	-7,416 to -3,968	-44.8% to -24.0%	3,564 to 7,012	64.0% to 126.0%	-8,723 to -5,274	-48.9% to -29.5%
1Q	**46,732**	49,127	**39,813**	-6,919	-14.8%	-9,314	-19.0%	49,038	**17,111**	**17,111**	**17,111**	**17,111**	**17,111**	-29,621	-63.4%	-22,702	-57.0%	-31,927	-65.1%
2Q	**46,630**	49,764	**4,800**	-41,830	-89.7%	-44,964	-90.4%	51,162	**19,850**	**19,850**	**19,605**	**19,576**	**22,866**	-27,054 to -26,780	-58.0% to -57.4%	14,776 to 15,050	307.8% to 313.6%	-31,586 to -31,312	-61.7% to -61.2%
3Q	**51,491**	52,854	**11,402**	-40,090	-77.9%	-41,453	-78.4%	53,911	**27,539**	**26,586**	**23,729**	**23,347**	**34,988**	-28,145 to -23,953	-54.7% to -46.5%	11,945 to 16,137	104.8% to 141.5%	-30,565 to -26,373	-56.7% to -48.9%
4Q	**48,055**	49,478	**15,459**	-32,596	-67.8%	-34,019	-68.8%	51,277	**34,238**	**27,651**	**27,193**	**25,109**	**37,165**	-22,946 to -13,818	-47.7% to -28.8%	9,650 to 18,778	62.4% to 121.5%	-26,168 to -17,039	-51.0% to -33.2%
Total	**192,909**	201,223	**71,474**	-121,435	-62.9%	-129,749	-64.5%	205,389	**98,737**	**91,198**	**87,638**	**85,143**	**112,130**	-107,766 to -94,172	-55.9% to -48.8%	13,669 to 27,263	19.1% to 38.1%	-120,246 to -106,651	-58.5% to -51.9%

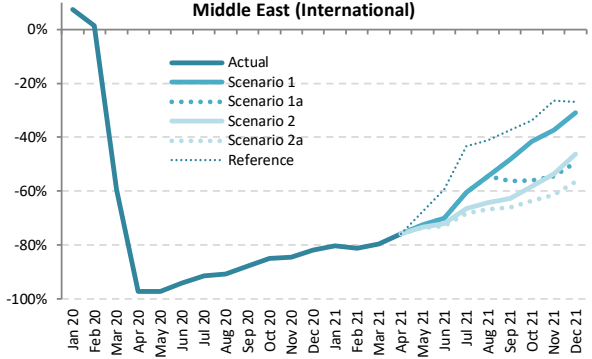
Seat Capacity (thousand) - Middle East Domestic

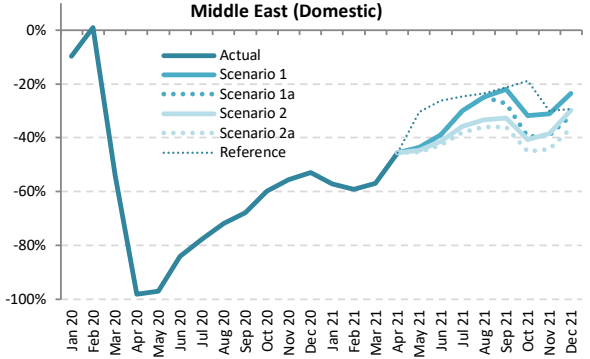
Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**4,751**	4,430	**4,015**	-736	-15.5%	-415	-9.4%	4,277	**3,215**	**3,215**	**3,215**	**3,215**	**3,215**	-1,536	-32.3%	-800	-19.9%	-1,062	-24.8%
February	**4,178**	4,032	**4,261**	83	2.0%	230	5.7%	3,783	**2,942**	**2,942**	**2,942**	**2,942**	**2,942**	-1,236	-29.6%	-1,319	-31.0%	-840	-22.2%
March	**4,591**	4,263	**2,655**	-1,936	-42.2%	-1,609	-37.7%	3,987	**3,165**	**3,165**	**3,165**	**3,165**	**3,165**	-1,426	-31.1%	511	19.2%	-822	-20.6%
April	**4,346**	4,316	**189**	-4,157	-95.6%	-4,126	-95.6%	4,178	**3,254**	**3,254**	**3,254**	**3,254**	**3,254**	-1,092	-25.1%	3,065	1618.5%	-923	-22.1%
May	**4,577**	4,545	**269**	-4,308	-94.1%	-4,276	-94.1%	4,374	**3,436**	**3,436**	**3,432**	**3,432**	**4,097**	-1,145 to -1,141	-25.0% to -24.9%	3,163 to 3,167	1177.3% to 1179.0%	-943 to -938	-21.5% to -21.4%
June	**4,361**	4,330	**1,107**	-3,254	-74.6%	-3,223	-74.4%	4,126	**3,298**	**3,298**	**3,275**	**3,271**	**3,855**	-1,089 to -1,062	-25.0% to -24.4%	2,164 to 2,191	195.5% to 198.0%	-855 to -828	-20.7% to -20.1%
July	**4,590**	4,557	**1,734**	-2,855	-62.2%	-2,823	-61.9%	4,341	**3,609**	**3,609**	**3,513**	**3,500**	**3,783**	-1,090 to -980	-23.7% to -21.4%	1,765 to 1,875	101.8% to 108.1%	-841 to -732	-19.4% to -16.9%
August	**4,630**	4,597	**2,249**	-2,381	-51.4%	-2,348	-51.1%	4,406	**3,814**	**3,814**	**3,620**	**3,597**	**3,784**	-1,033 to -815	-22.3% to -17.6%	1,348 to 1,565	59.9% to 69.6%	-809 to -592	-18.4% to -13.4%
September	**4,386**	4,355	**2,309**	-2,077	-47.4%	-2,046	-47.0%	4,197	**3,752**	**3,663**	**3,500**	**3,464**	**3,672**	-921 to -634	-21.0% to -14.4%	1,155 to 1,443	50.0% to 62.5%	-733 to -445	-17.5% to -10.6%
October	**4,398**	3,935	**2,745**	-1,653	-37.6%	-1,190	-30.2%	3,546	**3,260**	**3,118**	**3,012**	**2,962**	**3,759**	-1,436 to -1,138	-32.6% to -25.9%	217 to 515	7.9% to 18.8%	-584 to -286	-16.5% to -8.1%
November	**4,076**	3,628	**2,898**	-1,178	-28.9%	-729	-20.1%	3,251	**3,028**	**2,878**	**2,827**	**2,751**	**2,981**	-1,325 to -1,049	-32.5% to -25.7%	-147 to 129	-5.1% to 4.5%	-500 to -223	-15.4% to -6.9%
December	**4,284**	3,938	**3,195**	-1,089	-25.4%	-743	-18.9%	3,646	**3,437**	**3,255**	**3,262**	**3,138**	**3,084**	-1,146 to -847	-26.7% to -19.8%	-57 to 242	-1.8% to 7.6%	-508 to -209	-13.9% to -5.7%
1Q	**13,520**	12,725	**10,931**	-2,589	-19.1%	-1,794	-14.1%	12,047	**9,323**	**9,323**	**9,323**	**9,323**	**9,323**	-4,197	-31.0%	-1,608	-14.7%	-2,724	-22.6%
2Q	**13,284**	13,190	**1,565**	-11,719	-88.2%	-11,625	-88.1%	12,678	**9,989**	**9,989**	**9,961**	**9,957**	**11,206**	-3,327 to -3,295	-25.0% to -24.8%	8,392 to 8,424	536.3% to 538.3%	-2,721 to -2,689	-21.5% to -21.2%
3Q	**13,606**	13,510	**6,293**	-7,313	-53.7%	-7,217	-53.4%	12,945	**11,176**	**11,087**	**10,633**	**10,561**	**11,239**	-3,044 to -2,429	-22.4% to -17.9%	4,268 to 4,883	67.8% to 77.6%	-2,384 to -1,769	-18.4% to -13.7%
4Q	**12,758**	11,501	**8,839**	-3,920	-30.7%	-2,662	-23.1%	10,444	**9,725**	**9,250**	**9,101**	**8,852**	**9,825**	-3,907 to -3,033	-30.6% to -23.8%	13 to 886	0.1% to 10.0%	-1,592 to -719	-15.2% to -6.9%
Total	**53,168**	50,926	**27,628**	-25,540	-48.0%	-23,298	-45.7%	48,113	**40,213**	**39,648**	**39,018**	**38,693**	**41,593**	-14,475 to -12,956	-27.2% to -24.4%	11,065 to 12,585	40.1% to 45.6%	-9,420 to -7,901	-19.6% to -16.4%

Source: ICAO estimates

Passenger number







Passenger Number (thousand) - Middle East International + Domestic

Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**15,580**	15,907	**16,141**	561	3.6%	234	1.5%	15,879	**3,868**	**3,868**	**3,868**	**3,868**	**3,868**	-11,712	-75.2%	-12,273	-76.0%	-12,011	-75.6%
February	**13,560**	14,262	**13,747**	187	1.4%	-515	-3.6%	14,187	**3,217**	**3,217**	**3,217**	**3,217**	**3,217**	-10,343	-76.3%	-10,530	-76.6%	-10,971	-77.3%
March	**15,238**	15,543	**6,364**	-8,875	-58.2%	-9,180	-59.1%	15,234	**3,864**	**3,864**	**3,864**	**3,864**	**3,864**	-11,375	-74.6%	-2,500	-39.3%	-11,370	-74.6%
April	**15,717**	16,444	**398**	-15,319	-97.5%	-16,046	-97.6%	16,624	**4,845**	**4,845**	**4,845**	**4,845**	**4,845**	-10,872	-69.2%	4,447	1117.5%	-11,779	-70.9%
May	**14,250**	15,506	**404**	-13,846	-97.2%	-15,102	-97.4%	15,984	**4,890**	**4,890**	**4,766**	**4,710**	**5,861**	-9,541 to -9,360	-66.9% to -65.7%	4,306 to 4,486	1065.7% to 1110.4%	-11,275 to -11,094	-70.5% to -69.4%
June	**15,824**	16,293	**1,277**	-14,547	-91.9%	-15,016	-92.2%	16,464	**5,795**	**5,795**	**5,433**	**5,295**	**7,539**	-10,529 to -10,030	-66.5% to -63.4%	4,018 to 4,518	314.6% to 353.7%	-11,169 to -10,669	-67.8% to -64.8%
July	**17,697**	18,188	**2,033**	-15,664	-88.5%	-16,155	-88.8%	18,389	**8,110**	**8,110**	**7,059**	**6,724**	**10,732**	-10,974 to -9,587	-62.0% to -54.2%	4,691 to 6,077	230.8% to 299.0%	-11,665 to -10,279	-63.4% to -55.9%
August	**18,438**	18,772	**2,397**	-16,041	-87.0%	-16,376	-87.2%	18,970	**9,511**	**9,511**	**7,734**	**7,285**	**11,498**	-11,154 to -8,927	-60.5% to -48.4%	4,888 to 7,114	203.9% to 296.8%	-11,686 to -9,459	-61.6% to -49.9%
September	**15,282**	15,628	**2,510**	-12,771	-83.6%	-13,118	-83.9%	15,802	**8,741**	**7,596**	**6,659**	**6,160**	**10,097**	-9,121 to -6,541	-59.7% to -42.8%	3,650 to 6,230	145.4% to 248.2%	-9,641 to -7,061	-61.0% to -44.7%
October	**14,973**	15,032	**3,046**	-11,927	-79.7%	-11,986	-79.7%	15,211	**9,061**	**7,101**	**6,814**	**6,047**	**10,385**	-8,926 to -5,912	-59.6% to -39.5%	3,001 to 6,014	98.5% to 197.4%	-9,164 to -6,151	-60.2% to -40.4%
November	**14,307**	14,235	**3,076**	-11,231	-78.5%	-11,160	-78.4%	14,473	**9,156**	**6,957**	**7,086**	**6,035**	**10,409**	-8,273 to -5,151	-57.8% to -36.0%	2,959 to 6,080	96.2% to 197.7%	-8,438 to -5,317	-58.3% to -36.7%
December	**16,051**	16,376	**3,862**	-12,190	-75.9%	-12,515	-76.4%	16,835	**11,344**	**8,689**	**9,159**	**7,644**	**11,645**	-8,407 to -4,708	-52.4% to -29.3%	3,783 to 7,482	98.0% to 193.7%	-9,190 to -5,491	-54.6% to -32.6%
1Q	**44,378**	45,712	**36,251**	-8,127	-18.3%	-9,461	-20.7%	45,300	**10,948**	**10,948**	**10,948**	**10,948**	**10,948**	-33,430	-75.3%	-25,303	-69.8%	-34,352	-75.8%
2Q	**45,791**	48,243	**2,079**	-43,712	-95.5%	-46,164	-95.7%	49,072	**15,530**	**15,530**	**15,043**	**14,849**	**18,245**	-30,942 to -30,262	-67.6% to -66.1%	12,770 to 13,450	614.3% to 647.0%	-34,223 to -33,543	-69.7% to -68.4%
3Q	**51,417**	52,589	**6,940**	-44,477	-86.5%	-45,649	-86.8%	53,161	**26,361**	**25,217**	**21,452**	**20,168**	**32,327**	-31,249 to -25,056	-60.8% to -48.7%	13,229 to 19,422	190.6% to 279.9%	-32,993 to -26,800	-62.1% to -50.4%
4Q	**45,331**	45,644	**9,984**	-35,348	-78.0%	-35,660	-78.1%	46,519	**29,560**	**22,747**	**23,058**	**19,726**	**32,439**	-25,605 to -15,771	-56.5% to -34.8%	9,742 to 19,577	97.6% to 196.1%	-26,793 to -16,958	-57.6% to -36.5%
Total	**186,918**	192,188	**55,253**	-131,664	-70.4%	-136,935	-71.3%	194,052	**82,400**	**74,441**	**70,501**	**65,692**	**93,959**	-121,226 to -104,518	-64.9% to -55.9%	10,438 to 27,146	18.9% to 49.1%	-128,361 to -111,653	-66.1% to -57.5%

Source: ICAO estimates

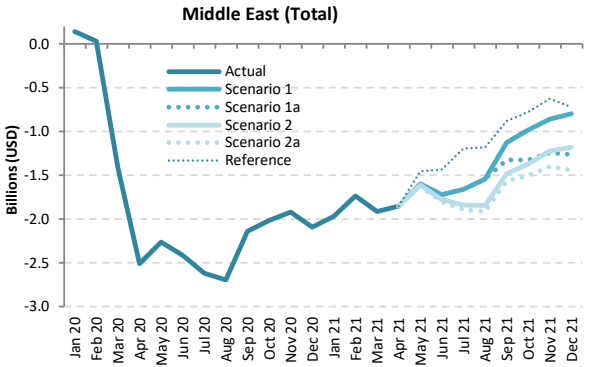
Passenger number

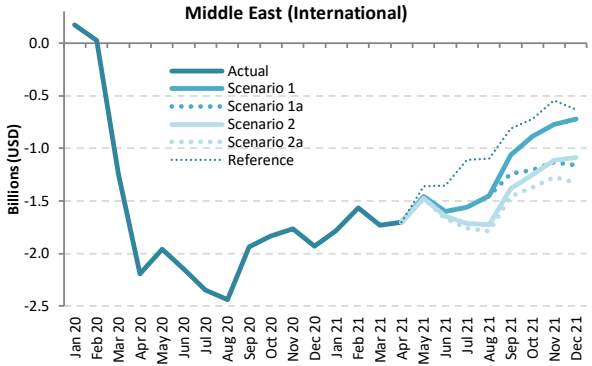
Passenger Number (thousand) - Middle East International																				
Year	2019	2020						2021												
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**12,091**	12,646	**12,995**	904	7.5%	349	2.8%	12,724	**2,373**	**2,373**	**2,373**	**2,373**	**2,373**	-9,718	-80.4%	-10,622	-81.7%	-10,350	-81.3%
February	**10,554**	11,354	**10,711**	157	1.5%	-643	-5.7%	11,453	**1,992**	**1,992**	**1,992**	**1,992**	**1,992**	-8,562	-81.1%	-8,719	-81.4%	-9,462	-82.6%
March	**11,849**	12,389	**4,806**	-7,043	-59.4%	-7,583	-61.2%	12,278	**2,403**	**2,403**	**2,403**	**2,403**	**2,403**	-9,447	-79.7%	-2,403	-50.0%	-9,875	-80.4%
April	**12,285**	13,028	**335**	-11,950	-97.3%	-12,693	-97.4%	13,310	**2,973**	**2,973**	**2,973**	**2,973**	**2,973**	-9,312	-75.8%	2,638	787.5%	-10,337	-77.7%
May	**10,893**	12,165	**303**	-10,590	-97.2%	-11,862	-97.5%	12,762	**2,997**	**2,997**	**2,911**	**2,874**	**3,522**	-8,020 to -7,896	-73.6% to -72.5%	2,571 to 2,694	847.9% to 888.6%	-9,888 to -9,765	-77.5% to -76.5%
June	**12,483**	12,968	**744**	-11,739	-94.0%	-12,224	-94.3%	13,288	**3,749**	**3,749**	**3,476**	**3,378**	**5,072**	-9,105 to -8,734	-72.9% to -70.0%	2,634 to 3,005	354.0% to 403.9%	-9,910 to -9,539	-74.6% to -71.8%
July	**13,998**	14,506	**1,207**	-12,791	-91.4%	-13,300	-91.7%	14,874	**5,519**	**5,519**	**4,684**	**4,432**	**7,940**	-9,566 to -8,479	-68.3% to -60.6%	3,225 to 4,312	267.3% to 357.3%	-10,442 to -9,356	-70.2% to -62.9%
August	**14,721**	15,073	**1,351**	-13,370	-90.8%	-13,722	-91.0%	15,417	**6,718**	**6,718**	**5,255**	**4,910**	**8,652**	-9,812 to -8,003	-66.6% to -54.4%	3,558 to 5,367	263.4% to 397.2%	-10,507 to -8,699	-68.2% to -56.4%
September	**12,085**	12,447	**1,480**	-10,605	-87.8%	-10,967	-88.1%	12,728	**6,244**	**5,275**	**4,504**	**4,117**	**7,582**	-7,968 to -5,841	-65.9% to -48.3%	2,637 to 4,765	178.2% to 322.0%	-8,612 to -6,484	-67.7% to -50.9%
October	**11,819**	12,204	**1,782**	-10,037	-84.9%	-10,422	-85.4%	12,657	**6,910**	**5,194**	**4,944**	**4,314**	**7,829**	-7,505 to -4,910	-63.5% to -41.5%	2,532 to 5,128	142.1% to 287.7%	-8,343 to -5,747	-65.9% to -45.4%
November	**11,340**	11,589	**1,756**	-9,584	-84.5%	-9,833	-84.8%	12,096	**7,109**	**5,151**	**5,260**	**4,377**	**8,334**	-6,963 to -4,231	-61.4% to -37.3%	2,621 to 5,352	149.2% to 304.7%	-7,718 to -4,987	-63.8% to -41.2%
December	**12,800**	13,381	**2,328**	-10,473	-81.8%	-11,053	-82.6%	14,012	**8,855**	**6,474**	**6,873**	**5,581**	**9,351**	-7,220 to -3,945	-56.4% to -30.8%	3,253 to 6,527	139.8% to 280.4%	-8,431 to -5,157	-60.2% to -36.8%
1Q	**34,494**	36,390	**28,512**	-5,982	-17.3%	-7,878	-21.6%	36,455	**6,768**	**6,768**	**6,768**	**6,768**	**6,768**	-27,727	-80.4%	-21,744	-76.3%	-29,687	-81.4%
2Q	**35,662**	38,161	**1,382**	-34,279	-96.1%	-36,779	-96.4%	39,360	**9,719**	**9,719**	**9,360**	**9,225**	**11,568**	-26,436 to -25,942	-74.1% to -72.7%	7,843 to 8,337	567.4% to 603.2%	-30,135 to -29,641	-76.6% to -75.3%
3Q	**40,804**	42,026	**4,037**	-36,766	-90.1%	-37,989	-90.4%	43,019	**18,481**	**17,511**	**14,443**	**13,458**	**24,174**	-27,346 to -22,323	-67.0% to -54.7%	9,421 to 14,443	233.3% to 357.7%	-29,561 to -24,539	-68.7% to -57.0%
4Q	**35,960**	37,174	**5,866**	-30,093	-83.7%	-31,307	-84.2%	38,765	**22,873**	**16,818**	**17,078**	**14,272**	**25,514**	-21,688 to -13,086	-60.3% to -36.4%	8,406 to 17,007	143.3% to 289.9%	-24,493 to -15,891	-63.2% to -41.0%
Total	**146,919**	153,751	**39,798**	-107,121	-72.9%	-113,953	-74.1%	157,599	**57,841**	**50,817**	**47,648**	**43,723**	**68,023**	-103,196 to -89,078	-70.2% to -60.6%	3,925 to 18,043	9.9% to 45.3%	-113,876 to -99,758	-72.3% to -63.3%

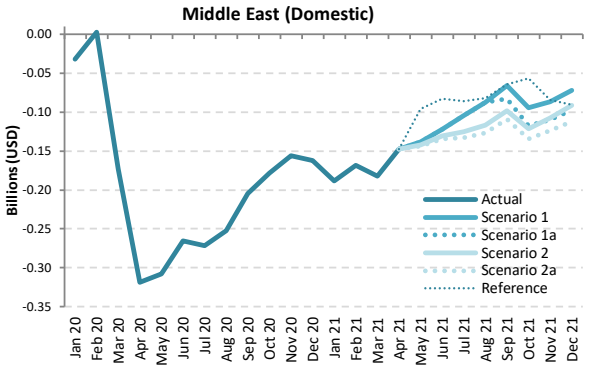
Passenger Number (thousand) - Middle East Domestic																				
Year	2019	2020						2021												
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**3,489**	3,261	**3,146**	-343	-9.8%	-115	-3.5%	3,155	**1,495**	**1,495**	**1,495**	**1,495**	**1,495**	-1,994	-57.2%	-1,651	-52.5%	-1,660	-52.6%
February	**3,006**	2,907	**3,036**	30	1.0%	128	4.4%	2,734	**1,225**	**1,225**	**1,225**	**1,225**	**1,225**	-1,781	-59.2%	-1,811	-59.6%	-1,509	-55.2%
March	**3,389**	3,154	**1,557**	-1,831	-54.0%	-1,597	-50.6%	2,956	**1,461**	**1,461**	**1,461**	**1,461**	**1,461**	-1,928	-56.9%	-97	-6.2%	-1,495	-50.6%
April	**3,432**	3,416	**63**	-3,369	-98.2%	-3,353	-98.2%	3,314	**1,872**	**1,872**	**1,872**	**1,872**	**1,872**	-1,560	-45.5%	1,809	2873.8%	-1,442	-43.5%
May	**3,357**	3,341	**101**	-3,256	-97.0%	-3,240	-97.0%	3,223	**1,893**	**1,893**	**1,855**	**1,836**	**2,339**	-1,521 to -1,464	-45.3% to -43.6%	1,735 to 1,792	1720.4% to 1777.3%	-1,387 to -1,329	-43.0% to -41.2%
June	**3,341**	3,325	**533**	-2,808	-84.0%	-2,792	-84.0%	3,176	**2,045**	**2,045**	**1,957**	**1,917**	**2,467**	-1,424 to -1,296	-42.6% to -38.8%	1,384 to 1,512	259.6% to 283.7%	-1,259 to -1,131	-39.6% to -35.6%
July	**3,699**	3,682	**826**	-2,873	-77.7%	-2,856	-77.6%	3,515	**2,591**	**2,591**	**2,375**	**2,291**	**2,791**	-1,408 to -1,108	-38.1% to -30.0%	1,465 to 1,765	177.4% to 213.7%	-1,223 to -923	-34.8% to -26.3%
August	**3,717**	3,700	**1,046**	-2,671	-71.9%	-2,654	-71.7%	3,554	**2,793**	**2,793**	**2,479**	**2,375**	**2,846**	-1,342 to -924	-36.1% to -24.9%	1,329 to 1,747	127.1% to 167.1%	-1,179 to -761	-33.2% to -21.4%
September	**3,197**	3,182	**1,030**	-2,166	-67.8%	-2,151	-67.6%	3,073	**2,496**	**2,321**	**2,155**	**2,044**	**2,516**	-1,153 to -700	-36.1% to -21.9%	1,013 to 1,466	98.3% to 142.3%	-1,030 to -577	-33.5% to -18.8%
October	**3,154**	2,829	**1,264**	-1,889	-59.9%	-1,564	-55.3%	2,555	**2,151**	**1,908**	**1,870**	**1,733**	**2,555**	-1,421 to -1,002	-45.1% to -31.8%	469 to 887	37.1% to 70.1%	-822 to -403	-32.2% to -15.8%
November	**2,967**	2,646	**1,319**	-1,648	-55.5%	-1,327	-50.2%	2,377	**2,047**	**1,807**	**1,825**	**1,657**	**2,075**	-1,310 to -920	-44.1% to -31.0%	338 to 728	25.6% to 55.2%	-720 to -330	-30.3% to -13.9%
December	**3,251**	2,996	**1,534**	-1,717	-52.8%	-1,462	-48.8%	2,823	**2,489**	**2,215**	**2,286**	**2,064**	**2,295**	-1,187 to -762	-36.5% to -23.5%	530 to 955	34.5% to 62.2%	-759 to -334	-26.9% to -11.8%
1Q	**9,884**	9,322	**7,739**	-2,145	-21.7%	-1,583	-17.0%	8,845	**4,181**	**4,181**	**4,181**	**4,181**	**4,181**	-5,703	-57.7%	-3,558	-46.0%	-4,665	-52.7%
2Q	**10,130**	10,082	**697**	-9,433	-93.1%	-9,385	-93.1%	9,712	**5,810**	**5,810**	**5,683**	**5,624**	**6,677**	-4,506 to -4,320	-44.5% to -42.6%	4,927 to 5,113	707.1% to 733.8%	-4,088 to -3,902	-42.1% to -40.2%
3Q	**10,613**	10,563	**2,902**	-7,711	-72.7%	-7,661	-72.5%	10,141	**7,881**	**7,705**	**7,009**	**6,710**	**8,153**	-3,903 to -2,732	-36.8% to -25.7%	3,808 to 4,979	131.2% to 171.6%	-3,432 to -2,261	-33.8% to -22.3%
4Q	**9,372**	8,471	**4,118**	-5,254	-56.1%	-4,353	-51.4%	7,754	**6,687**	**5,929**	**5,981**	**5,454**	**6,925**	-3,918 to -2,684	-41.8% to -28.6%	1,336 to 2,570	32.5% to 62.4%	-2,300 to -1,067	-29.7% to -13.8%
Total	**39,998**	38,437	**15,455**	-24,543	-61.4%	-22,982	-59.8%	36,453	**24,559**	**23,625**	**22,853**	**21,969**	**25,936**	-18,030 to -15,440	-45.1% to -38.6%	6,513 to 9,103	42.1% to 58.9%	-14,485 to -11,894	-39.7% to -32.6%

Source: ICAO estimates

Passenger revenue







Passenger revenue (USD, million) - Middle East International + Domestic

Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**2,553**	2,631	**2,692**	139	5.5%	62	2.3%	2,643	**584**	**584**	**584**	**584**	**584**	-1,968	-77.1%	-2,108	-78.3%	-2,058	-77.9%
February	**2,221**	2,357	**2,252**	31	1.4%	-106	-4.5%	2,361	**486**	**486**	**486**	**486**	**486**	-1,735	-78.1%	-1,765	-78.4%	-1,875	-79.4%
March	**2,502**	2,574	**1,089**	-1,413	-56.5%	-1,486	-57.7%	2,541	**586**	**586**	**586**	**586**	**586**	-1,916	-76.6%	-502	-46.2%	-1,955	-76.9%
April	**2,583**	2,717	**74**	-2,509	-97.1%	-2,643	-97.3%	2,764	**731**	**731**	**731**	**731**	**731**	-1,852	-71.7%	657	884.5%	-2,032	-73.5%
May	**2,333**	2,559	**69**	-2,264	-97.1%	-2,490	-97.3%	2,654	**738**	**738**	**718**	**709**	**877**	-1,624 to -1,595	-69.6% to -68.4%	641 to 669	935.0% to 976.4%	-1,945 to -1,917	-73.3% to -72.2%
June	**2,612**	2,695	**201**	-2,410	-92.3%	-2,494	-92.5%	2,743	**892**	**892**	**833**	**811**	**1,177**	-1,801 to -1,720	-69.0% to -65.8%	610 to 691	302.8% to 343.2%	-1,932 to -1,850	-70.4% to -67.5%
July	**2,935**	3,015	**316**	-2,619	-89.2%	-2,699	-89.5%	3,068	**1,273**	**1,273**	**1,097**	**1,043**	**1,740**	-1,892 to -1,662	-64.5% to -56.6%	727 to 957	230.1% to 303.1%	-2,025 to -1,795	-66.0% to -58.5%
August	**3,055**	3,110	**364**	-2,690	-88.1%	-2,746	-88.3%	3,161	**1,514**	**1,514**	**1,213**	**1,139**	**1,877**	-1,915 to -1,540	-62.7% to -50.4%	775 to 1,150	212.7% to 315.6%	-2,022 to -1,647	-64.0% to -52.1%
September	**2,526**	2,587	**384**	-2,141	-84.8%	-2,203	-85.1%	2,631	**1,397**	**1,201**	**1,043**	**960**	**1,646**	-1,566 to -1,128	-62.0% to -44.7%	576 to 1,013	149.8% to 263.6%	-1,671 to -1,234	-63.5% to -46.9%
October	**2,471**	2,507	**458**	-2,013	-81.4%	-2,048	-81.7%	2,564	**1,487**	**1,147**	**1,097**	**967**	**1,696**	-1,504 to -984	-60.9% to -39.8%	509 to 1,029	110.9% to 224.4%	-1,597 to -1,077	-62.3% to -42.0%
November	**2,372**	2,398	**454**	-1,918	-80.9%	-1,944	-81.1%	2,462	**1,514**	**1,129**	**1,152**	**972**	**1,744**	-1,401 to -858	-59.0% to -36.2%	518 to 1,060	114.0% to 233.5%	-1,490 to -948	-60.5% to -38.5%
December	**2,674**	2,754	**582**	-2,092	-78.2%	-2,172	-78.9%	2,855	**1,880**	**1,414**	**1,495**	**1,234**	**1,954**	-1,440 to -794	-53.9% to -29.7%	652 to 1,298	112.0% to 223.0%	-1,621 to -975	-56.8% to -34.1%
1Q	**7,276**	7,562	**6,032**	-1,243	-17.1%	-1,530	-20.2%	7,544	**1,657**	**1,657**	**1,657**	**1,657**	**1,657**	-5,619	-77.2%	-4,376	-72.5%	-5,888	-78.0%
2Q	**7,528**	7,971	**344**	-7,184	-95.4%	-7,627	-95.7%	8,161	**2,361**	**2,361**	**2,282**	**2,252**	**2,786**	-5,276 to -5,167	-70.1% to -68.6%	1,907 to 2,017	554.3% to 586.1%	-5,909 to -5,800	-72.4% to -71.1%
3Q	**8,515**	8,712	**1,064**	-7,451	-87.5%	-7,648	-87.8%	8,860	**4,184**	**3,988**	**3,353**	**3,142**	**5,263**	-5,374 to -4,331	-63.1% to -50.9%	2,077 to 3,120	195.2% to 293.1%	-5,718 to -4,676	-64.5% to -52.8%
4Q	**7,518**	7,659	**1,495**	-6,023	-80.1%	-6,164	-80.5%	7,881	**4,882**	**3,689**	**3,744**	**3,173**	**5,393**	-4,345 to -2,636	-57.8% to -35.1%	1,678 to 3,387	112.3% to 226.6%	-4,708 to -2,999	-59.7% to -38.1%
Total	**30,836**	31,904	**8,936**	-21,901	-71.0%	-22,969	-72.0%	32,446	**13,084**	**11,695**	**11,036**	**10,223**	**15,098**	-20,613 to -17,752	-66.8% to -57.6%	1,287 to 4,148	14.4% to 46.4%	-22,223 to -19,362	-68.5% to -59.7%

Source: ICAO estimates

Passenger revenue

Passenger revenue (USD, million) - Middle East International

Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**2,223**	2,322	**2,395**	172	7.7%	72	3.1%	2,345	**443**	**443**	**443**	**443**	**443**	-1,780	-80.1%	-1,952	-81.5%	-1,901	-81.1%
February	**1,937**	2,083	**1,965**	28	1.4%	-118	-5.7%	2,102	**370**	**370**	**370**	**370**	**370**	-1,567	-80.9%	-1,594	-81.1%	-1,732	-82.4%
March	**2,181**	2,276	**941**	-1,240	-56.8%	-1,335	-58.6%	2,261	**448**	**448**	**448**	**448**	**448**	-1,733	-79.5%	-493	-52.4%	-1,813	-80.2%
April	**2,259**	2,394	**68**	-2,190	-97.0%	-2,326	-97.1%	2,451	**554**	**554**	**554**	**554**	**554**	-1,704	-75.5%	486	711.4%	-1,896	-77.4%
May	**2,016**	2,243	**59**	-1,957	-97.1%	-2,184	-97.4%	2,350	**559**	**559**	**543**	**536**	**656**	-1,480 to -1,457	-73.4% to -72.3%	477 to 500	808.1% to 847.0%	-1,814 to -1,791	-77.2% to -76.2%
June	**2,296**	2,381	**151**	-2,145	-93.4%	-2,230	-93.7%	2,442	**699**	**699**	**648**	**630**	**944**	-1,666 to -1,597	-72.6% to -69.6%	479 to 548	317.3% to 363.0%	-1,813 to -1,744	-74.2% to -71.4%
July	**2,585**	2,667	**238**	-2,348	-90.8%	-2,429	-91.1%	2,736	**1,028**	**1,028**	**873**	**826**	**1,476**	-1,759 to -1,557	-68.1% to -60.2%	588 to 790	247.5% to 332.4%	-1,910 to -1,708	-69.8% to -62.4%
August	**2,703**	2,761	**265**	-2,438	-90.2%	-2,495	-90.4%	2,825	**1,250**	**1,250**	**979**	**915**	**1,608**	-1,789 to -1,453	-66.2% to -53.8%	649 to 985	244.5% to 370.9%	-1,911 to -1,575	-67.6% to -55.7%
September	**2,223**	2,286	**287**	-1,937	-87.1%	-1,999	-87.5%	2,341	**1,161**	**982**	**839**	**767**	**1,408**	-1,457 to -1,062	-65.5% to -47.8%	480 to 874	167.3% to 304.7%	-1,574 to -1,179	-67.2% to -50.4%
October	**2,173**	2,239	**339**	-1,834	-84.4%	-1,900	-84.9%	2,322	**1,284**	**966**	**920**	**803**	**1,454**	-1,370 to -889	-63.0% to -40.9%	464 to 945	137.0% to 278.8%	-1,519 to -1,039	-65.4% to -44.7%
November	**2,092**	2,148	**329**	-1,762	-84.3%	-1,819	-84.7%	2,237	**1,321**	**958**	**979**	**815**	**1,548**	-1,277 to -771	-61.0% to -36.9%	486 to 991	147.5% to 301.0%	-1,422 to -916	-63.6% to -41.0%
December	**2,367**	2,471	**437**	-1,930	-81.5%	-2,034	-82.3%	2,588	**1,645**	**1,204**	**1,279**	**1,039**	**1,737**	-1,328 to -722	-56.1% to -30.5%	602 to 1,208	137.7% to 276.3%	-1,549 to -943	-59.9% to -36.4%
1Q	**6,341**	6,681	**5,301**	-1,040	-16.4%	-1,380	-20.7%	6,708	**1,262**	**1,262**	**1,262**	**1,262**	**1,262**	-5,080	-80.1%	-4,039	-76.2%	-5,447	-81.2%
2Q	**6,570**	7,018	**278**	-6,292	-95.8%	-6,740	-96.0%	7,243	**1,812**	**1,812**	**1,745**	**1,720**	**2,155**	-4,850 to -4,758	-73.8% to -72.4%	1,442 to 1,534	518.1% to 551.2%	-5,523 to -5,431	-76.3% to -75.0%
3Q	**7,512**	7,714	**790**	-6,722	-89.5%	-6,924	-89.8%	7,902	**3,439**	**3,260**	**2,691**	**2,508**	**4,492**	-5,005 to -4,073	-66.6% to -54.2%	1,717 to 2,649	217.4% to 335.3%	-5,394 to -4,462	-68.3% to -56.5%
4Q	**6,632**	6,859	**1,105**	-5,526	-83.3%	-5,753	-83.9%	7,148	**4,250**	**3,129**	**3,178**	**2,657**	**4,738**	-3,974 to -2,382	-59.9% to -35.9%	1,552 to 3,144	140.4% to 284.4%	-4,491 to -2,898	-62.8% to -40.5%
Total	**27,056**	28,272	**7,475**	-19,581	-72.4%	-20,797	-73.6%	29,001	**10,763**	**9,463**	**8,876**	**8,147**	**12,647**	-18,909 to -16,293	-69.9% to -60.2%	672 to 3,288	9.0% to 44.0%	-20,854 to -18,238	-71.9% to -62.9%

Passenger revenue (USD, million) - Middle East Domestic

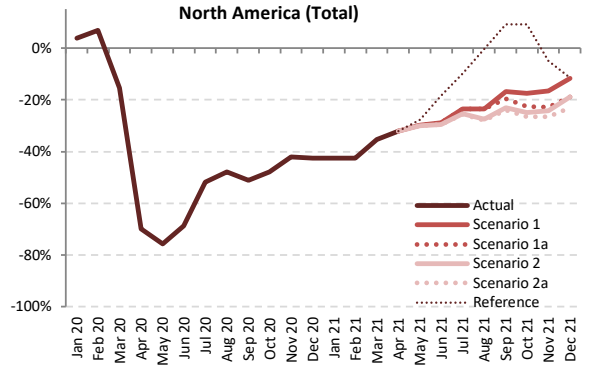
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**330**	308	**297**	-32	-9.8%	-11	-3.5%	298	**141**	**141**	**141**	**141**	**141**	-188	-57.2%	-156	-52.5%	-157	-52.6%
February	**284**	275	**287**	3	1.0%	12	4.4%	258	**116**	**116**	**116**	**116**	**116**	-168	-59.2%	-171	-59.6%	-143	-55.2%
March	**320**	298	**147**	-173	-54.0%	-151	-50.6%	279	**138**	**138**	**138**	**138**	**138**	-182	-56.9%	-9	-6.2%	-141	-50.6%
April	**324**	323	**6**	-318	-98.2%	-317	-98.2%	313	**177**	**177**	**177**	**177**	**177**	-147	-45.5%	171	2873.8%	-136	-43.5%
May	**317**	316	**10**	-308	-97.0%	-306	-97.0%	305	**179**	**179**	**175**	**174**	**221**	-144 to -138	-45.3% to -43.6%	164 to 169	1720.4% to 1777.3%	-131 to -126	-43.0% to -41.2%
June	**316**	314	**50**	-265	-84.0%	-264	-84.0%	300	**193**	**193**	**185**	**181**	**233**	-135 to -122	-42.6% to -38.8%	131 to 143	259.6% to 283.7%	-119 to -107	-39.6% to -35.6%
July	**350**	348	**78**	-272	-77.7%	-270	-77.6%	332	**245**	**245**	**224**	**217**	**264**	-133 to -105	-38.1% to -30.0%	138 to 167	177.4% to 213.7%	-116 to -87	-34.8% to -26.3%
August	**351**	350	**99**	-252	-71.9%	-251	-71.7%	336	**264**	**264**	**234**	**224**	**269**	-127 to -87	-36.1% to -24.9%	126 to 165	127.1% to 167.1%	-111 to -72	-33.2% to -21.4%
September	**302**	301	**97**	-205	-67.8%	-203	-67.6%	290	**236**	**219**	**204**	**193**	**238**	-109 to -66	-36.1% to -21.9%	96 to 139	98.3% to 142.3%	-97 to -55	-33.5% to -18.8%
October	**298**	267	**119**	-179	-59.9%	-148	-55.3%	241	**203**	**180**	**177**	**164**	**241**	-134 to -95	-45.1% to -31.8%	44 to 84	37.1% to 70.1%	-78 to -38	-32.2% to -15.8%
November	**280**	250	**125**	-156	-55.5%	-125	-50.2%	225	**193**	**171**	**173**	**157**	**196**	-124 to -87	-44.1% to -31.0%	32 to 69	25.6% to 55.2%	-68 to -31	-30.3% to -13.9%
December	**307**	283	**145**	-162	-52.8%	-138	-48.8%	267	**235**	**209**	**216**	**195**	**217**	-112 to -72	-36.5% to -23.5%	50 to 90	34.5% to 62.2%	-72 to -32	-26.9% to -11.8%
1Q	**934**	881	**731**	-203	-21.7%	-150	-17.0%	836	**395**	**395**	**395**	**395**	**395**	-539	-57.7%	-336	-46.0%	-441	-52.7%
2Q	**957**	953	**66**	-891	-93.1%	-887	-93.1%	918	**549**	**549**	**537**	**532**	**631**	-426 to -408	-44.5% to -42.6%	466 to 483	707.1% to 733.8%	-386 to -369	-42.1% to -40.2%
3Q	**1,003**	998	**274**	-729	-72.7%	-724	-72.5%	958	**745**	**728**	**662**	**634**	**771**	-369 to -258	-36.8% to -25.7%	360 to 471	131.2% to 171.6%	-324 to -214	-33.8% to -22.3%
4Q	**886**	801	**389**	-497	-56.1%	-411	-51.4%	733	**632**	**560**	**565**	**515**	**654**	-370 to -254	-41.8% to -28.6%	126 to 243	32.5% to 62.4%	-217 to -101	-29.7% to -13.8%
Total	**3,780**	3,633	**1,461**	-2,319	-61.4%	-2,172	-59.8%	3,445	**2,321**	**2,233**	**2,160**	**2,076**	**2,451**	-1,704 to -1,459	-45.1% to -38.6%	616 to 860	42.1% to 58.9%	-1,369 to -1,124	-39.7% to -32.6%

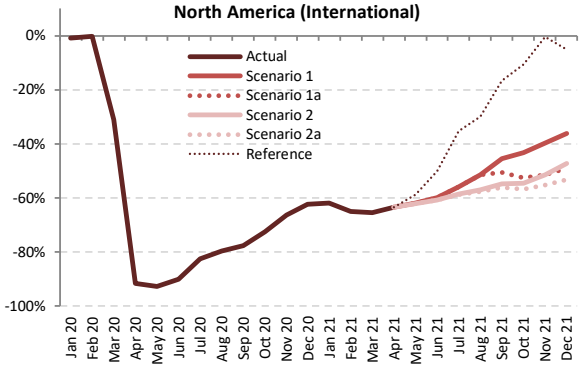
Source: ICAO estimates

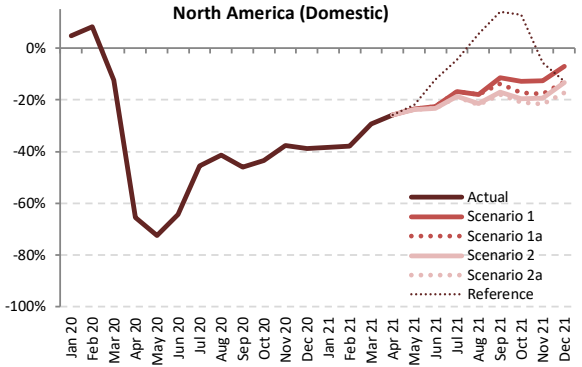
North America

Compared to 2019	Seat capacity (%)			Passenger number (thousand)						Passenger revenue (USD, million)		
	Total	International	Domestic	Total		International		Domestic		Total	International	Domestic
1Q 2020	-2.2%	-11.4%	-0.3%	-31,354	-13.7%	-6,786	-18.1%	-24,568	-12.8%	-4,675	-1,780	-2,895
2Q 2020	-71.4%	-91.4%	-67.5%	-228,637	-87.4%	-39,617	-96.7%	-189,020	-85.6%	-32,893	-10,618	-22,274
3Q 2020	-50.2%	-80.0%	-44.3%	-185,817	-70.1%	-39,286	-90.7%	-146,531	-66.1%	-28,047	-10,780	-17,267
4Q 2020	-44.2%	-67.0%	-40.1%	-153,541	-62.8%	-30,354	-82.4%	-123,187	-59.4%	-22,799	-8,283	-14,517
Total 2020	**-42.8%**	**-63.2%**	**-38.8%**	**-599,350**	**-59.9%**	**-116,043**	**-73.2%**	**-483,307**	**-57.4%**	**-88,414**	**-31,461**	**-56,954**
1Q 2021	-39.9%	-64.0%	-35.0%	-132,881	-58.0%	-30,335	-81.0%	-102,547	-53.5%	-20,041	-7,957	-12,084
2Q 2021	-30.5% to -30.2%	-62.2% to -61.7%	-24.3% to -24.0%	-115,467 to -111,819	-44.1% to -42.7%	-31,584 to -31,094	-77.1% to -75.9%	-83,883 to -80,725	-38.0% to -36.6%	-18,565 to -18,070	-8,680 to -8,557	-9,885 to -9,513
3Q 2021	-25.9% to -21.4%	-57.6% to -51.2%	-19.6% to -15.5%	-98,012 to -73,380	-37.0% to -27.7%	-30,235 to -25,632	-69.8% to -59.2%	-67,778 to -47,748	-30.6% to -21.5%	-16,605 to -13,069	-8,618 to -7,442	-7,987 to -5,627
4Q 2021	-25.4% to -15.2%	-55.0% to -39.7%	-19.9% to -10.8%	-85,101 to -48,340	-34.8% to -19.8%	-24,471 to -17,243	-66.4% to -46.8%	-60,630 to -31,097	-29.2% to -15.0%	-13,979 to -8,614	-6,834 to -4,950	-7,145 to -3,664
Total 2021	**-30.2% to -26.5%**	**-59.7% to -54.3%**	**-24.5% to -21.0%**	**-431,462 to -366,420**	**-43.1% to -36.6%**	**-116,624 to -104,303**	**-73.5% to -65.8%**	**-314,838 to -262,117**	**-37.4% to -31.1%**	**-69,190 to -59,793**	**-32,089 to -28,905**	**-37,101 to -30,888**

Seat capacity







Seat Capacity (thousand) - North America International + Domestic

Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**93,905**	95,051	**97,514**	3,609	3.8%	2,463	2.6%	97,328	**54,042**	**54,042**	**54,042**	**54,042**	**54,042**	-39,863	-42.5%	-43,472	-44.6%	-43,286	-44.5%
February	**85,504**	89,395	**91,385**	5,882	6.9%	1,991	2.2%	91,220	**49,241**	**49,241**	**49,241**	**49,241**	**49,241**	-36,262	-42.4%	-42,144	-46.1%	-41,979	-46.0%
March	**100,867**	101,844	**85,238**	-15,629	-15.5%	-16,606	-16.3%	103,941	**65,269**	**65,269**	**65,269**	**65,269**	**65,269**	-35,598	-35.3%	-19,968	-23.4%	-38,672	-37.2%
April	**97,530**	100,769	**29,373**	-68,156	-69.9%	-71,396	-70.9%	103,871	**66,300**	**66,300**	**66,300**	**66,300**	**66,300**	-31,229	-32.0%	36,927	125.7%	-37,571	-36.2%
May	**101,683**	105,738	**24,681**	-77,002	-75.7%	-81,057	-76.7%	109,485	**71,381**	**71,381**	**71,197**	**71,168**	**73,427**	-30,514 to -30,301	-30.0% to -29.8%	46,488 to 46,701	188.4% to 189.2%	-38,317 to -38,104	-35.0% to -34.8%
June	**102,378**	107,581	**32,109**	-70,268	-68.6%	-75,472	-70.2%	109,971	**72,798**	**72,798**	**72,191**	**72,103**	**83,471**	-30,274 to -29,580	-29.6% to -28.9%	39,994 to 40,688	124.6% to 126.7%	-37,868 to -37,173	-34.4% to -33.8%
July	**106,790**	113,441	**51,382**	-55,408	-51.9%	-62,059	-54.7%	119,297	**81,793**	**81,793**	**79,701**	**79,418**	**96,378**	-27,372 to -24,997	-25.6% to -23.4%	28,036 to 30,411	54.6% to 59.2%	-39,879 to -37,503	-33.4% to -31.4%
August	**106,184**	109,871	**55,341**	-50,842	-47.9%	-54,530	-49.6%	113,706	**81,172**	**81,172**	**77,033**	**76,499**	**105,744**	-29,685 to -25,012	-28.0% to -23.6%	21,157 to 25,831	38.2% to 46.7%	-37,208 to -32,534	-32.7% to -28.6%
September	**97,042**	102,488	**47,516**	-49,527	-51.0%	-54,972	-53.6%	107,717	**80,648**	**77,974**	**74,612**	**73,726**	**105,990**	-23,316 to -16,394	-24.0% to -16.9%	26,211 to 33,133	55.2% to 69.7%	-33,991 to -27,069	-31.6% to -25.1%
October	**100,677**	102,812	**52,459**	-48,218	-47.9%	-50,353	-49.0%	106,425	**83,112**	**77,979**	**75,532**	**74,048**	**109,981**	-26,629 to -17,565	-26.4% to -17.4%	21,590 to 30,653	41.2% to 58.4%	-32,377 to -23,313	-30.4% to -21.9%
November	**94,651**	95,805	**54,837**	-39,814	-42.1%	-40,968	-42.8%	98,398	**78,914**	**73,032**	**71,707**	**69,437**	**89,974**	-25,214 to -15,737	-26.6% to -16.6%	14,600 to 24,077	26.6% to 43.9%	-28,962 to -19,485	-29.4% to -19.8%
December	**98,992**	101,830	**56,803**	-42,189	-42.6%	-45,027	-44.2%	106,263	**87,432**	**80,270**	**80,424**	**76,200**	**87,585**	-22,792 to -11,561	-23.0% to -11.7%	19,397 to 30,628	34.1% to 53.9%	-30,063 to -18,832	-28.3% to -17.7%
1Q	**280,275**	286,289	**274,137**	-6,138	-2.2%	-12,153	-4.2%	292,489	**168,552**	**168,552**	**168,552**	**168,552**	**168,552**	-111,723	-39.9%	-105,585	-38.5%	-123,937	-42.4%
2Q	**301,590**	314,088	**86,164**	-215,426	-71.4%	-227,924	-72.6%	323,328	**210,480**	**210,480**	**209,689**	**209,572**	**223,198**	-92,018 to -91,110	-30.5% to -30.2%	123,409 to 124,316	143.2% to 144.3%	-113,755 to -112,848	-35.2% to -34.9%
3Q	**310,016**	325,800	**154,239**	-155,777	-50.2%	-171,561	-52.7%	340,720	**243,613**	**240,939**	**231,346**	**229,643**	**308,112**	-80,373 to -66,403	-25.9% to -21.4%	75,404 to 89,375	48.9% to 57.9%	-111,077 to -97,107	-32.6% to -28.5%
4Q	**294,320**	300,446	**164,099**	-130,222	-44.2%	-136,348	-45.4%	311,087	**249,457**	**231,281**	**227,663**	**219,686**	**287,540**	-74,635 to -44,863	-25.4% to -15.2%	55,587 to 85,359	33.9% to 52.0%	-91,401 to -61,629	-29.4% to -19.8%
Total	**1,186,201**	1,226,623	**678,637**	-507,564	-42.8%	-547,986	-44.7%	1,267,623	**872,102**	**851,252**	**837,250**	**827,452**	**987,402**	-358,749 to -314,099	-30.2% to -26.5%	148,815 to 193,465	21.9% to 28.5%	-440,171 to -395,521	-34.7% to -31.2%

Source: ICAO estimates

Seat capacity

Seat Capacity (thousand) - North America International

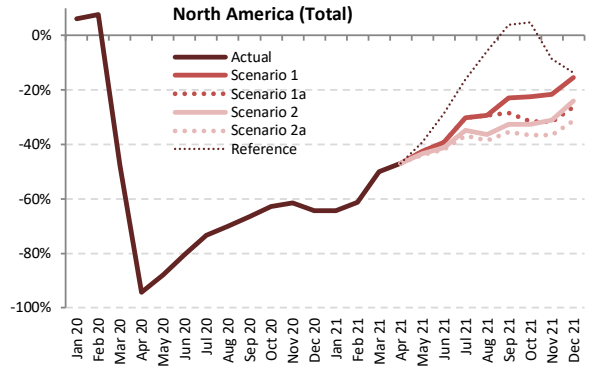
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**16,096**	15,506	**15,947**	-149	-0.9%	442	2.8%	15,429	**6,128**	**6,128**	**6,128**	**6,128**	**6,128**	-9,968	-61.9%	-9,819	-61.6%	-9,300	-60.3%
February	**14,365**	14,391	**14,338**	-27	-0.2%	-53	-0.4%	14,325	**5,035**	**5,035**	**5,035**	**5,035**	**5,035**	-9,330	-65.0%	-9,303	-64.9%	-9,290	-64.9%
March	**16,706**	16,170	**11,500**	-5,205	-31.2%	-4,670	-28.9%	16,108	**5,794**	**5,794**	**5,794**	**5,794**	**5,794**	-10,912	-65.3%	-5,707	-49.6%	-10,315	-64.0%
April	**16,153**	16,300	**1,365**	-14,788	-91.6%	-14,935	-91.6%	16,584	**5,891**	**5,891**	**5,891**	**5,891**	**5,891**	-10,262	-63.5%	4,526	331.6%	-10,693	-64.5%
May	**16,441**	16,711	**1,202**	-15,238	-92.7%	-15,509	-92.8%	17,046	**6,256**	**6,256**	**6,225**	**6,222**	**6,781**	-10,219 to -10,185	-62.2% to -62.0%	5,020 to 5,053	417.5% to 420.3%	-10,824 to -10,790	-63.5% to -63.3%
June	**17,118**	17,390	**1,690**	-15,428	-90.1%	-15,700	-90.3%	17,639	**6,870**	**6,870**	**6,715**	**6,697**	**8,534**	-10,421 to -10,248	-60.9% to -59.9%	5,007 to 5,180	296.3% to 306.5%	-10,943 to -10,770	-62.0% to -61.1%
July	**18,138**	18,510	**3,177**	-14,960	-82.5%	-15,332	-82.8%	18,994	**8,009**	**8,009**	**7,517**	**7,459**	**11,755**	-10,679 to -10,129	-58.9% to -55.8%	4,281 to 4,831	134.7% to 152.1%	-11,536 to -10,986	-60.7% to -57.8%
August	**17,797**	18,096	**3,608**	-14,188	-79.7%	-14,488	-80.1%	18,563	**8,645**	**8,645**	**7,644**	**7,525**	**12,451**	-10,272 to -9,152	-57.7% to -51.4%	3,917 to 5,036	108.5% to 139.6%	-11,038 to -9,918	-59.5% to -53.4%
September	**15,583**	15,971	**3,497**	-12,086	-77.6%	-12,474	-78.1%	16,368	**8,498**	**7,710**	**7,054**	**6,854**	**12,993**	-8,729 to -7,086	-56.0% to -45.5%	3,357 to 5,000	96.0% to 143.0%	-9,513 to -7,870	-58.1% to -48.1%
October	**15,357**	14,961	**4,224**	-11,132	-72.5%	-10,737	-71.8%	15,327	**8,705**	**7,295**	**6,978**	**6,646**	**13,714**	-8,711 to -6,651	-56.7% to -43.3%	2,421 to 4,481	57.3% to 106.1%	-8,682 to -6,622	-56.6% to -43.2%
November	**14,303**	13,859	**4,804**	-9,498	-66.4%	-9,055	-65.3%	14,230	**8,614**	**6,948**	**6,928**	**6,408**	**14,238**	-7,895 to -5,688	-55.2% to -39.8%	1,604 to 3,810	33.4% to 79.3%	-7,822 to -5,616	-55.0% to -39.5%
December	**15,987**	15,543	**6,015**	-9,972	-62.4%	-9,528	-61.3%	15,928	**10,218**	**8,163**	**8,428**	**7,479**	**15,166**	-8,507 to -5,769	-53.2% to -36.1%	1,465 to 4,203	24.4% to 69.9%	-8,448 to -5,710	-53.0% to -35.8%
1Q	**47,167**	46,066	**41,785**	-5,382	-11.4%	-4,281	-9.3%	45,862	**16,957**	**16,957**	**16,957**	**16,957**	**16,957**	-30,210	-64.0%	-24,828	-59.4%	-28,905	-63.0%
2Q	**49,711**	50,401	**4,257**	-45,454	-91.4%	-46,144	-91.6%	51,269	**19,016**	**19,016**	**18,832**	**18,810**	**21,206**	-30,902 to -30,695	-62.2% to -61.7%	14,553 to 14,759	341.9% to 346.7%	-32,459 to -32,253	-63.3% to -62.9%
3Q	**51,518**	52,577	**10,283**	-41,235	-80.0%	-42,294	-80.4%	53,925	**25,151**	**24,364**	**22,215**	**21,838**	**37,199**	-29,680 to -26,367	-57.6% to -51.2%	11,555 to 14,868	112.4% to 144.6%	-32,087 to -28,774	-59.5% to -53.4%
4Q	**45,646**	44,364	**15,043**	-30,603	-67.0%	-29,320	-66.1%	45,485	**27,537**	**22,405**	**22,334**	**20,533**	**43,118**	-25,113 to -18,108	-55.0% to -39.7%	5,490 to 12,494	36.5% to 83.1%	-24,952 to -17,948	-54.9% to -39.5%
Total	**194,042**	193,408	**71,368**	-122,674	-63.2%	-122,040	-63.1%	196,542	**88,662**	**82,742**	**80,337**	**78,138**	**118,480**	-115,904 to -105,380	-59.7% to -54.3%	6,769 to 17,293	9.5% to 24.2%	-118,404 to -107,880	-60.2% to -54.9%

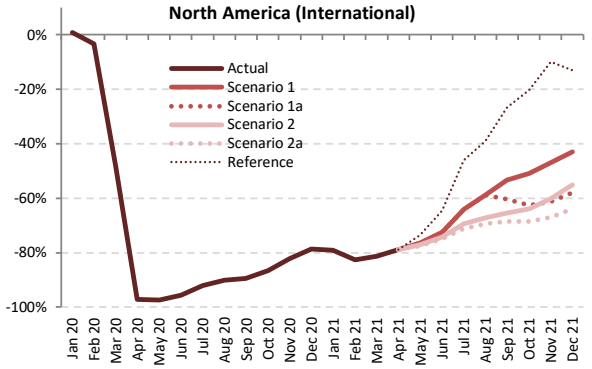
Seat Capacity (thousand) - North America Domestic

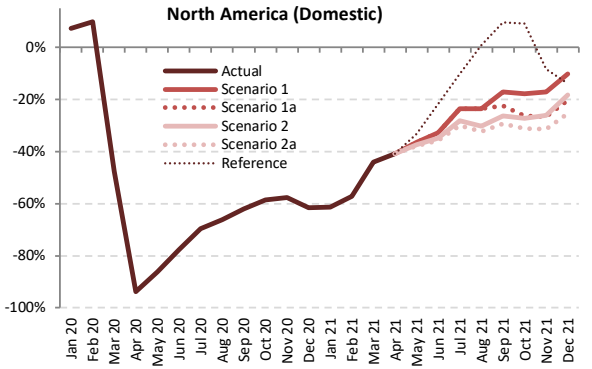
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**77,808**	79,545	**81,567**	3,758	4.8%	2,021	2.5%	81,899	**47,913**	**47,913**	**47,913**	**47,913**	**47,913**	-29,895	-38.4%	-33,653	-41.3%	-33,986	-41.5%
February	**71,139**	75,004	**77,048**	5,909	8.3%	2,044	2.7%	76,895	**44,206**	**44,206**	**44,206**	**44,206**	**44,206**	-26,932	-37.9%	-32,841	-42.6%	-32,689	-42.5%
March	**84,161**	85,673	**73,737**	-10,424	-12.4%	-11,936	-13.9%	87,833	**59,476**	**59,476**	**59,476**	**59,476**	**59,476**	-24,686	-29.3%	-14,262	-19.3%	-28,357	-32.3%
April	**81,377**	84,469	**28,009**	-53,368	-65.6%	-56,460	-66.8%	87,287	**60,410**	**60,410**	**60,410**	**60,410**	**60,410**	-20,967	-25.8%	32,401	115.7%	-26,878	-30.8%
May	**85,242**	89,027	**23,478**	-61,763	-72.5%	-65,548	-73.6%	92,439	**65,126**	**65,126**	**64,972**	**64,946**	**66,646**	-20,295 to -20,116	-23.8% to -23.6%	41,468 to 41,647	176.6% to 177.4%	-27,493 to -27,314	-29.7% to -29.5%
June	**85,260**	90,191	**30,420**	-54,840	-64.3%	-59,772	-66.3%	92,332	**65,928**	**65,928**	**65,476**	**65,407**	**74,937**	-19,853 to -19,332	-23.3% to -22.7%	34,987 to 35,509	115.0% to 116.7%	-26,925 to -26,404	-29.2% to -28.6%
July	**88,652**	94,932	**48,204**	-40,448	-45.6%	-46,727	-49.2%	100,302	**73,784**	**73,784**	**72,184**	**71,959**	**84,623**	-16,693 to -14,868	-18.8% to -16.8%	23,754 to 25,580	49.3% to 53.1%	-28,343 to -26,518	-28.3% to -26.4%
August	**88,387**	91,775	**51,733**	-36,654	-41.5%	-40,042	-43.6%	95,143	**72,527**	**72,527**	**69,389**	**68,973**	**93,293**	-19,414 to -15,860	-22.0% to -17.9%	17,241 to 20,794	33.3% to 40.2%	-26,170 to -22,616	-27.5% to -23.8%
September	**81,459**	86,517	**44,018**	-37,440	-46.0%	-42,498	-49.1%	91,350	**72,151**	**70,264**	**67,558**	**66,872**	**92,997**	-14,587 to -9,308	-17.9% to -11.4%	22,854 to 28,132	51.9% to 63.9%	-24,478 to -19,199	-26.8% to -21.0%
October	**85,321**	87,850	**48,235**	-37,086	-43.5%	-39,616	-45.1%	91,098	**74,407**	**70,684**	**68,554**	**67,403**	**96,266**	-17,918 to -10,914	-21.0% to -12.8%	19,168 to 26,172	39.7% to 54.3%	-23,695 to -16,691	-26.0% to -18.3%
November	**80,348**	81,945	**50,032**	-30,316	-37.7%	-31,913	-38.9%	84,168	**70,299**	**66,084**	**64,780**	**63,029**	**75,736**	-17,319 to -10,049	-21.6% to -12.5%	12,997 to 20,267	26.0% to 40.5%	-21,139 to -13,869	-25.1% to -16.5%
December	**83,006**	86,287	**50,789**	-32,217	-38.8%	-35,498	-41.1%	90,335	**77,214**	**72,107**	**71,995**	**68,721**	**72,420**	-14,285 to -5,792	-17.2% to -7.0%	17,932 to 26,425	35.3% to 52.0%	-21,614 to -13,122	-23.9% to -14.5%
1Q	**233,108**	240,223	**232,351**	-757	-0.3%	-7,871	-3.3%	246,627	**151,595**	**151,595**	**151,595**	**151,595**	**151,595**	-81,513	-35.0%	-80,756	-34.8%	-95,032	-38.5%
2Q	**251,878**	263,687	**81,907**	-169,972	-67.5%	-181,780	-68.9%	272,059	**191,464**	**191,464**	**190,857**	**190,763**	**201,993**	-61,116 to -60,415	-24.3% to -24.0%	108,856 to 109,557	132.9% to 133.8%	-81,296 to -80,595	-29.9% to -29.6%
3Q	**258,498**	273,223	**143,956**	-114,542	-44.3%	-129,267	-47.3%	286,795	**218,462**	**216,576**	**209,132**	**207,804**	**270,913**	-50,694 to -40,036	-19.6% to -15.5%	63,849 to 74,506	44.4% to 51.8%	-78,990 to -68,333	-27.5% to -23.8%
4Q	**248,675**	256,083	**149,055**	-99,619	-40.1%	-107,027	-41.8%	265,601	**221,920**	**208,875**	**205,330**	**199,153**	**244,422**	-49,522 to -26,755	-19.9% to -10.8%	50,097 to 72,865	33.6% to 48.9%	-66,449 to -43,681	-25.0% to -16.4%
Total	**992,159**	1,033,215	**607,269**	-384,890	-38.8%	-425,946	-41.2%	1,071,082	**783,441**	**768,509**	**756,913**	**749,315**	**868,923**	-242,845 to -208,719	-24.5% to -21.0%	142,046 to 176,172	23.4% to 29.0%	-321,767 to -287,641	-30.0% to -26.9%

Source: ICAO estimates

Passenger number







Passenger Number (thousand) - North America International + Domestic																		
Year	2019	2020						2021										
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**73,792**	74,960	**78,339**	4,547	6.2%	3,379	4.5%	76,995	**26,274**	**26,274**	**26,274**	**26,274**	**26,274**	-47,518	-64.4%	-52,065	-66.5%	-50,722	-65.9%
February	**68,976**	72,402	**74,269**	5,293	7.7%	1,867	2.6%	74,126	**26,750**	**26,750**	**26,750**	**26,750**	**26,750**	-42,226	-61.2%	-47,519	-64.0%	-47,376	-63.9%
March	**86,380**	87,572	**45,187**	-41,194	-47.7%	-42,385	-48.4%	89,682	**43,243**	**43,243**	**43,243**	**43,243**	**43,243**	-43,137	-49.9%	-1,943	-4.3%	-46,439	-51.8%
April	**82,715**	85,788	**4,727**	-77,988	-94.3%	-81,061	-94.5%	88,718	**43,958**	**43,958**	**43,958**	**43,958**	**43,958**	-38,757	-46.9%	39,231	830.0%	-44,760	-50.5%
May	**87,928**	91,786	**10,606**	-77,323	-87.9%	-81,180	-88.4%	95,355	**50,523**	**50,523**	**49,777**	**49,438**	**53,346**	-38,491 to -37,405	-43.8% to -42.5%	38,832 to 39,918	366.1% to 376.4%	-45,917 to -44,832	-48.2% to -47.0%
June	**91,099**	96,104	**17,772**	-73,327	-80.5%	-78,331	-81.5%	98,556	**55,442**	**55,442**	**53,641**	**52,879**	**65,091**	-38,220 to -35,657	-42.0% to -39.1%	35,107 to 37,670	197.5% to 212.0%	-45,676 to -43,114	-46.3% to -43.7%
July	**94,493**	100,766	**25,265**	-69,228	-73.3%	-75,501	-74.9%	106,320	**66,010**	**66,010**	**61,493**	**59,809**	**79,392**	-34,685 to -28,483	-36.7% to -30.1%	34,543 to 40,745	136.7% to 161.3%	-46,511 to -40,310	-43.7% to -37.9%
August	**91,330**	94,839	**27,316**	-64,014	-70.1%	-67,523	-71.2%	98,458	**64,523**	**64,523**	**58,098**	**56,078**	**86,056**	-35,252 to -26,807	-38.6% to -29.4%	28,762 to 37,207	105.3% to 136.2%	-42,380 to -33,935	-43.0% to -34.5%
September	**79,119**	83,859	**26,544**	-52,576	-66.5%	-57,316	-68.3%	88,420	**61,029**	**56,587**	**53,300**	**51,043**	**82,170**	-28,076 to -18,090	-35.5% to -22.9%	24,499 to 34,485	92.3% to 129.9%	-37,377 to -27,391	-42.3% to -31.0%
October	**83,797**	85,904	**31,227**	-52,570	-62.7%	-54,677	-63.6%	89,214	**64,887**	**57,303**	**56,503**	**53,128**	**87,833**	-30,669 to -18,910	-36.6% to -22.6%	21,901 to 33,660	70.1% to 107.8%	-36,086 to -24,327	-40.4% to -27.3%
November	**76,490**	77,711	**29,543**	-46,946	-61.4%	-48,168	-62.0%	80,070	**60,008**	**52,165**	**52,704**	**48,433**	**69,895**	-28,056 to -16,481	-36.7% to -21.5%	18,890 to 30,465	63.9% to 103.1%	-31,637 to -20,062	-39.5% to -25.1%
December	**84,091**	86,843	**30,066**	-54,025	-64.2%	-56,777	-65.4%	91,642	**71,143**	**62,011**	**63,902**	**57,716**	**72,560**	-26,376 to -12,949	-31.4% to -15.4%	27,649 to 41,077	92.0% to 136.6%	-33,926 to -20,499	-37.0% to -22.4%
1Q	**229,148**	234,934	**197,795**	-31,354	-13.7%	-37,139	-15.8%	240,804	**96,267**	**96,267**	**96,267**	**96,267**	**96,267**	-132,881	-58.0%	-101,528	-51.3%	-144,536	-60.0%
2Q	**261,742**	273,678	**33,105**	-228,637	-87.4%	-240,573	-87.9%	282,629	**149,924**	**149,924**	**147,376**	**146,275**	**162,395**	-115,467 to -111,819	-44.1% to -42.7%	113,170 to 116,819	341.9% to 352.9%	-136,354 to -132,705	-48.2% to -47.0%
3Q	**264,942**	279,465	**79,125**	-185,817	-70.1%	-200,340	-71.7%	293,198	**191,562**	**187,120**	**172,892**	**166,930**	**247,618**	-98,012 to -73,380	-37.0% to -27.7%	87,805 to 112,437	111.0% to 142.1%	-126,268 to -101,636	-43.1% to -34.7%
4Q	**244,378**	250,459	**90,837**	-153,541	-62.8%	-159,622	-63.7%	260,926	**196,038**	**171,478**	**173,108**	**159,277**	**230,288**	-85,101 to -48,340	-34.8% to -19.8%	68,440 to 105,202	75.3% to 115.8%	-101,649 to -64,888	-39.0% to -24.9%
Total	**1,000,211**	1,038,535	**400,861**	-599,350	-59.9%	-637,674	-61.4%	1,077,557	**633,791**	**604,789**	**589,643**	**568,749**	**736,568**	-431,462 to -366,420	-43.1% to -36.6%	167,888 to 232,930	41.9% to 58.1%	-508,808 to -443,765	-47.2% to -41.2%

Source: ICAO estimates

Passenger number

Passenger Number (thousand) - North America International

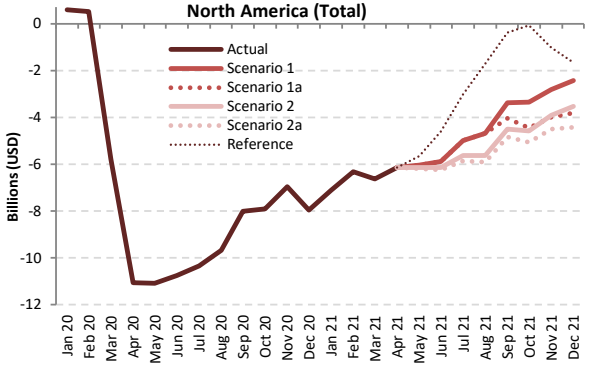
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**12,728**	12,303	**12,827**	99	0.8%	524	4.3%	12,265	**2,662**	**2,662**	**2,662**	**2,662**	**2,662**	-10,066	-79.1%	-10,165	-79.2%	-9,603	-78.3%
February	**11,162**	11,222	**10,790**	-372	-3.3%	-432	-3.8%	11,189	**1,935**	**1,935**	**1,935**	**1,935**	**1,935**	-9,227	-82.7%	-8,855	-82.1%	-9,255	-82.7%
March	**13,565**	13,174	**7,052**	-6,513	-48.0%	-6,122	-46.5%	13,150	**2,523**	**2,523**	**2,523**	**2,523**	**2,523**	-11,041	-81.4%	-4,529	-64.2%	-10,627	-80.8%
April	**13,169**	13,333	**379**	-12,790	-97.1%	-12,954	-97.2%	13,591	**2,773**	**2,773**	**2,773**	**2,773**	**2,773**	-10,396	-78.9%	2,394	631.6%	-10,818	-79.6%
May	**13,346**	13,605	**350**	-12,996	-97.4%	-13,254	-97.4%	13,901	**3,133**	**3,133**	**3,048**	**3,010**	**3,529**	-10,336 to -10,214	-77.4% to -76.5%	2,660 to 2,782	759.2% to 794.1%	-10,891 to -10,769	-78.3% to -77.5%
June	**14,467**	14,741	**636**	-13,831	-95.6%	-14,104	-95.7%	14,978	**3,983**	**3,983**	**3,717**	**3,616**	**5,116**	-10,852 to -10,484	-75.0% to -72.5%	2,979 to 3,347	468.2% to 526.0%	-11,362 to -10,995	-75.9% to -73.4%
July	**15,475**	15,840	**1,216**	-14,259	-92.1%	-14,623	-92.3%	16,283	**5,541**	**5,541**	**4,744**	**4,475**	**8,363**	-11,001 to -9,935	-71.1% to -64.2%	3,259 to 4,324	267.9% to 355.5%	-11,808 to -10,743	-72.5% to -66.0%
August	**15,240**	15,542	**1,491**	-13,749	-90.2%	-14,051	-90.4%	15,971	**6,277**	**6,277**	**5,008**	**4,655**	**9,284**	-10,586 to -8,964	-69.5% to -58.8%	3,164 to 4,785	212.2% to 320.9%	-11,316 to -9,695	-70.9% to -60.7%
September	**12,609**	12,959	**1,332**	-11,278	-89.4%	-11,628	-89.7%	13,305	**5,876**	**5,008**	**4,349**	**3,961**	**9,240**	-8,648 to -6,733	-68.6% to -53.4%	2,629 to 4,545	197.5% to 341.3%	-9,344 to -7,428	-70.2% to -55.8%
October	**12,323**	12,040	**1,657**	-10,666	-86.6%	-10,383	-86.2%	12,358	**6,061**	**4,620**	**4,453**	**3,872**	**9,818**	-8,451 to -6,262	-68.6% to -50.8%	2,215 to 4,404	133.7% to 265.8%	-8,486 to -6,297	-68.7% to -51.0%
November	**11,370**	11,052	**2,020**	-9,350	-82.2%	-9,031	-81.7%	11,370	**6,023**	**4,407**	**4,536**	**3,756**	**10,234**	-7,614 to -5,347	-67.0% to -47.0%	1,736 to 4,002	85.9% to 198.1%	-7,614 to -5,347	-67.0% to -47.0%
December	**13,142**	12,817	**2,803**	-10,338	-78.7%	-10,014	-78.1%	13,154	**7,508**	**5,521**	**5,913**	**4,735**	**11,441**	-8,407 to -5,634	-64.0% to -42.9%	1,932 to 4,704	68.9% to 167.8%	-8,419 to -5,646	-64.0% to -42.9%
1Q	**37,454**	36,699	**30,669**	-6,786	-18.1%	-6,030	-16.4%	36,604	**7,120**	**7,120**	**7,120**	**7,120**	**7,120**	-30,335	-81.0%	-23,549	-76.8%	-29,485	-80.5%
2Q	**40,983**	41,679	**1,366**	-39,617	-96.7%	-40,313	-96.7%	42,470	**9,889**	**9,889**	**9,538**	**9,399**	**11,418**	-31,584 to -31,094	-77.1% to -75.9%	8,034 to 8,524	588.2% to 624.1%	-33,071 to -32,581	-77.9% to -76.7%
3Q	**43,325**	44,341	**4,039**	-39,286	-90.7%	-40,302	-90.9%	45,559	**17,693**	**16,825**	**14,101**	**13,091**	**26,888**	-30,235 to -25,632	-69.8% to -59.2%	9,052 to 13,654	224.1% to 338.1%	-32,469 to -27,866	-71.3% to -61.2%
4Q	**36,835**	35,909	**6,481**	-30,354	-82.4%	-29,428	-82.0%	36,882	**19,592**	**14,548**	**14,902**	**12,363**	**31,493**	-24,471 to -17,243	-66.4% to -46.8%	5,883 to 13,111	90.8% to 202.3%	-24,518 to -17,290	-66.5% to -46.9%
Total	**158,597**	158,627	**42,554**	-116,043	-73.2%	-116,073	-73.2%	161,516	**54,294**	**48,383**	**45,660**	**41,973**	**76,918**	-116,624 to -104,303	-73.5% to -65.8%	-581 to 11,740	-1.4% to 27.6%	-119,543 to -107,222	-74.0% to -66.4%

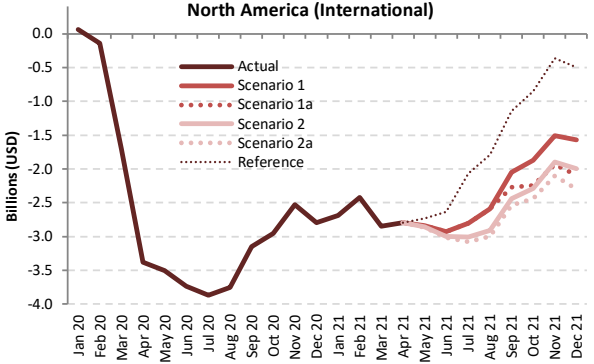
Passenger Number (thousand) - North America Domestic

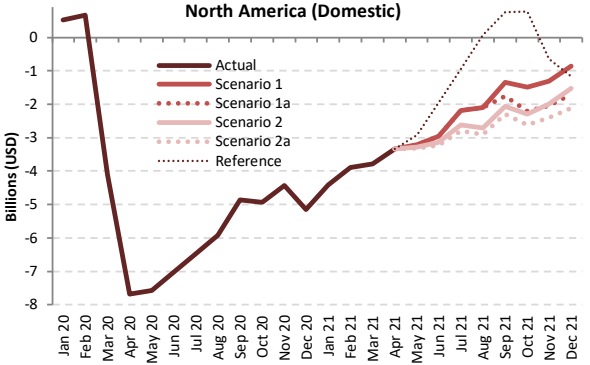
Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**61,064**	62,657	**65,512**	4,448	7.3%	2,855	4.6%	64,731	**23,612**	**23,612**	**23,612**	**23,612**	**23,612**	-37,452	-61.3%	-41,900	-64.0%	-41,119	-63.5%
February	**57,815**	61,181	**63,480**	5,665	9.8%	2,299	3.8%	62,937	**24,815**	**24,815**	**24,815**	**24,815**	**24,815**	-32,999	-57.1%	-38,664	-60.9%	-38,121	-60.6%
March	**72,816**	74,398	**38,135**	-34,681	-47.6%	-36,263	-48.7%	76,532	**40,720**	**40,720**	**40,720**	**40,720**	**40,720**	-32,095	-44.1%	2,586	6.8%	-35,812	-46.8%
April	**69,546**	72,455	**4,348**	-65,198	-93.7%	-68,107	-94.0%	75,127	**41,185**	**41,185**	**41,185**	**41,185**	**41,185**	-28,361	-40.8%	36,837	847.3%	-33,942	-45.2%
May	**74,582**	78,181	**10,255**	-64,327	-86.2%	-67,926	-86.9%	81,454	**47,391**	**47,391**	**46,729**	**46,428**	**49,817**	-28,154 to -27,191	-37.7% to -36.5%	36,172 to 37,135	352.7% to 362.1%	-35,026 to -34,063	-43.0% to -41.8%
June	**76,632**	81,363	**17,136**	-59,496	-77.6%	-64,227	-78.9%	83,578	**51,459**	**51,459**	**49,924**	**49,264**	**59,975**	-27,368 to -25,173	-35.7% to -32.8%	32,128 to 34,323	187.5% to 200.3%	-34,314 to -32,119	-41.1% to -38.4%
July	**79,018**	84,927	**24,049**	-54,969	-69.6%	-60,878	-71.7%	90,037	**60,470**	**60,470**	**56,749**	**55,334**	**71,029**	-23,684 to -18,548	-30.0% to -23.5%	31,285 to 36,421	130.1% to 151.4%	-34,703 to -29,567	-38.5% to -32.8%
August	**76,089**	79,297	**25,825**	-50,265	-66.1%	-53,472	-67.4%	82,487	**58,247**	**58,247**	**53,090**	**51,423**	**76,772**	-24,666 to -17,843	-32.4% to -23.4%	25,598 to 32,422	99.1% to 125.5%	-31,064 to -24,240	-37.7% to -29.4%
September	**66,510**	70,900	**25,212**	-41,298	-62.1%	-45,688	-64.4%	75,116	**55,153**	**51,579**	**48,952**	**47,082**	**72,930**	-19,428 to -11,358	-29.2% to -17.1%	21,870 to 29,940	86.7% to 118.8%	-28,033 to -19,963	-37.3% to -26.6%
October	**71,474**	73,864	**29,570**	-41,904	-58.6%	-44,294	-60.0%	76,855	**58,826**	**52,683**	**52,050**	**49,255**	**78,015**	-22,218 to -12,648	-31.1% to -17.7%	19,685 to 29,256	66.6% to 98.9%	-27,600 to -18,030	-35.9% to -23.5%
November	**65,120**	66,659	**27,523**	-37,597	-57.7%	-39,136	-58.7%	68,701	**53,986**	**47,758**	**48,168**	**44,677**	**59,661**	-20,442 to -11,134	-31.4% to -17.1%	17,154 to 26,463	62.3% to 96.1%	-24,023 to -14,715	-35.0% to -21.4%
December	**70,949**	74,026	**27,263**	-43,687	-61.6%	-46,763	-63.2%	78,488	**63,635**	**56,489**	**57,989**	**52,980**	**61,119**	-17,969 to -7,314	-25.3% to -10.3%	25,718 to 36,372	94.3% to 133.4%	-25,508 to -14,853	-32.5% to -18.9%
1Q	**191,694**	198,235	**167,126**	-24,568	-12.8%	-31,109	-15.7%	204,199	**89,147**	**89,147**	**89,147**	**89,147**	**89,147**	-102,547	-53.5%	-77,979	-46.7%	-115,052	-56.3%
2Q	**220,760**	231,999	**31,739**	-189,020	-85.6%	-200,260	-86.3%	240,158	**140,034**	**140,034**	**137,838**	**136,876**	**150,977**	-83,883 to -80,725	-38.0% to -36.6%	105,137 to 108,295	331.3% to 341.2%	-103,282 to -100,124	-43.0% to -41.7%
3Q	**221,617**	235,124	**75,086**	-146,531	-66.1%	-160,038	-68.1%	247,639	**173,869**	**170,295**	**158,791**	**153,839**	**220,731**	-67,778 to -47,748	-30.6% to -21.5%	78,753 to 98,783	104.9% to 131.6%	-93,800 to -73,770	-37.9% to -29.8%
4Q	**207,543**	214,550	**84,356**	-123,187	-59.4%	-130,194	-60.7%	224,044	**176,447**	**156,930**	**158,207**	**146,913**	**198,795**	-60,630 to -31,097	-29.2% to -15.0%	62,557 to 92,091	74.2% to 109.2%	-77,131 to -47,598	-34.4% to -21.2%
Total	**841,614**	879,908	**358,307**	-483,307	-57.4%	-521,601	-59.3%	916,041	**579,497**	**556,407**	**543,983**	**526,776**	**659,650**	-314,838 to -262,117	-37.4% to -31.1%	168,469 to 221,190	47.0% to 61.7%	-389,265 to -336,544	-42.5% to -36.7%

Source: ICAO estimates

Passenger revenue







Passenger revenue (USD, million) - North America International + Domestic

Year	2019	2020						2021											
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**10,540**	10,651	**11,130**	591	5.6%	480	4.5%	10,900	**3,440**	**3,440**	**3,440**	**3,440**	**3,440**	-7,100	-67.4%	-7,691	-69.1%	-7,460	-68.4%
February	**9,717**	10,161	**10,244**	527	5.4%	83	0.8%	10,369	**3,410**	**3,410**	**3,410**	**3,410**	**3,410**	-6,306	-64.9%	-6,833	-66.7%	-6,958	-67.1%
March	**12,058**	12,183	**6,265**	-5,793	-48.0%	-5,918	-48.6%	12,455	**5,423**	**5,423**	**5,423**	**5,423**	**5,423**	-6,634	-55.0%	-842	-13.4%	-7,032	-56.5%
April	**11,677**	12,086	**617**	-11,060	-94.7%	-11,470	-94.9%	12,485	**5,540**	**5,540**	**5,540**	**5,540**	**5,540**	-6,137	-52.6%	4,923	798.1%	-6,946	-55.6%
May	**12,400**	12,924	**1,314**	-11,086	-89.4%	-11,610	-89.8%	13,405	**6,361**	**6,361**	**6,262**	**6,217**	**6,748**	-6,183 to -6,039	-49.9% to -48.7%	4,903 to 5,047	373.0% to 384.0%	-7,188 to -7,044	-53.6% to -52.5%
June	**12,947**	13,599	**2,200**	-10,747	-83.0%	-11,399	-83.8%	13,942	**7,053**	**7,053**	**6,806**	**6,703**	**8,350**	-6,245 to -5,894	-48.2% to -45.5%	4,503 to 4,853	204.7% to 220.6%	-7,239 to -6,888	-51.9% to -49.4%
July	**13,500**	14,320	**3,151**	-10,348	-76.7%	-11,169	-78.0%	15,059	**8,507**	**8,507**	**7,867**	**7,633**	**10,493**	-5,867 to -4,993	-43.5% to -37.0%	4,481 to 5,355	142.2% to 169.9%	-7,426 to -6,552	-49.3% to -43.5%
August	**13,126**	13,619	**3,447**	-9,680	-73.7%	-10,172	-74.7%	14,133	**8,435**	**8,435**	**7,503**	**7,218**	**11,414**	-5,908 to -4,691	-45.0% to -35.7%	3,771 to 4,989	109.4% to 144.7%	-6,915 to -5,697	-48.9% to -40.3%
September	**11,365**	12,003	**3,346**	-8,019	-70.6%	-8,657	-72.1%	12,617	**7,981**	**7,333**	**6,854**	**6,536**	**10,982**	-4,830 to -3,385	-42.5% to -29.8%	3,190 to 4,635	95.3% to 138.5%	-6,081 to -4,636	-48.2% to -36.7%
October	**11,827**	12,037	**3,933**	-7,893	-66.7%	-8,104	-67.3%	12,492	**8,468**	**7,366**	**7,248**	**6,771**	**11,750**	-5,055 to -3,359	-42.7% to -28.4%	2,838 to 4,535	72.1% to 115.3%	-5,721 to -4,024	-45.8% to -32.2%
November	**10,714**	10,812	**3,754**	-6,960	-65.0%	-7,057	-65.3%	11,144	**7,891**	**6,734**	**6,814**	**6,204**	**9,704**	-4,510 to -2,823	-42.1% to -26.3%	2,450 to 4,137	65.3% to 110.2%	-4,940 to -3,252	-44.3% to -29.2%
December	**11,842**	12,146	**3,897**	-7,946	-67.1%	-8,249	-67.9%	12,788	**9,410**	**8,045**	**8,322**	**7,429**	**10,186**	-4,414 to -2,433	-37.3% to -20.5%	3,532 to 5,513	90.7% to 141.5%	-5,359 to -3,378	-41.9% to -26.4%
1Q	**32,314**	32,995	**27,639**	-4,675	-14.5%	-5,356	-16.2%	33,724	**12,273**	**12,273**	**12,273**	**12,273**	**12,273**	-20,041	-62.0%	-15,366	-55.6%	-21,451	-63.6%
2Q	**37,024**	38,610	**4,131**	-32,893	-88.8%	-34,479	-89.3%	39,832	**18,954**	**18,954**	**18,607**	**18,459**	**20,638**	-18,565 to -18,070	-50.1% to -48.8%	14,328 to 14,823	346.8% to 358.8%	-21,373 to -20,878	-53.7% to -52.4%
3Q	**37,991**	39,942	**9,944**	-28,047	-73.8%	-29,998	-75.1%	41,809	**24,923**	**24,275**	**22,224**	**21,386**	**32,889**	-16,605 to -13,069	-43.7% to -34.4%	11,442 to 14,979	115.1% to 150.6%	-20,423 to -16,886	-48.8% to -40.4%
4Q	**34,383**	34,995	**11,584**	-22,799	-66.3%	-23,411	-66.9%	36,423	**25,769**	**22,145**	**22,384**	**20,404**	**31,640**	-13,979 to -8,614	-40.7% to -25.1%	8,820 to 14,185	76.1% to 122.4%	-16,019 to -10,654	-44.0% to -29.3%
Total	**141,713**	146,541	**53,298**	-88,414	-62.4%	-93,243	-63.6%	151,788	**81,919**	**77,647**	**75,489**	**72,523**	**97,440**	-69,190 to -59,793	-48.8% to -42.2%	19,225 to 28,621	36.1% to 53.7%	-79,265 to -69,869	-52.2% to -46.0%

Source: ICAO estimates

Passenger revenue

Passenger revenue (USD, million) - North America International

Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**3,344**	3,267	**3,410**	66	2.0%	143	4.4%	3,272	**657**	**657**	**657**	**657**	**657**	-2,687	-80.3%	-2,753	-80.7%	-2,615	-79.9%
February	**2,904**	2,951	**2,763**	-141	-4.8%	-188	-6.4%	2,952	**486**	**486**	**486**	**486**	**486**	-2,418	-83.3%	-2,277	-82.4%	-2,466	-83.5%
March	**3,477**	3,416	**1,771**	-1,706	-49.1%	-1,645	-48.2%	3,437	**625**	**625**	**625**	**625**	**625**	-2,852	-82.0%	-1,146	-64.7%	-2,812	-81.8%
April	**3,481**	3,548	**104**	-3,377	-97.0%	-3,444	-97.1%	3,632	**686**	**686**	**686**	**686**	**686**	-2,795	-80.3%	582	557.0%	-2,946	-81.1%
May	**3,611**	3,711	**106**	-3,505	-97.1%	-3,606	-97.1%	3,807	**776**	**776**	**755**	**746**	**877**	-2,865 to -2,835	-79.3% to -78.5%	640 to 671	604.9% to 633.7%	-3,061 to -3,030	-80.4% to -79.6%
June	**3,917**	4,011	**181**	-3,736	-95.4%	-3,830	-95.5%	4,093	**989**	**989**	**922**	**897**	**1,283**	-3,019 to -2,927	-77.1% to -74.7%	717 to 809	396.7% to 447.7%	-3,195 to -3,103	-78.1% to -75.8%
July	**4,188**	4,312	**317**	-3,871	-92.4%	-3,995	-92.6%	4,449	**1,381**	**1,381**	**1,179**	**1,112**	**2,122**	-3,076 to -2,807	-73.4% to -67.0%	795 to 1,063	250.3% to 335.0%	-3,337 to -3,068	-75.0% to -69.0%
August	**4,160**	4,274	**403**	-3,757	-90.3%	-3,871	-90.6%	4,413	**1,572**	**1,572**	**1,247**	**1,158**	**2,367**	-3,002 to -2,588	-72.2% to -62.2%	755 to 1,168	187.1% to 289.6%	-3,254 to -2,841	-73.7% to -64.4%
September	**3,528**	3,648	**375**	-3,153	-89.4%	-3,273	-89.7%	3,765	**1,482**	**1,255**	**1,086**	**987**	**2,388**	-2,540 to -2,046	-72.0% to -58.0%	612 to 1,107	163.3% to 295.2%	-2,778 to -2,284	-73.8% to -60.7%
October	**3,404**	3,333	**449**	-2,955	-86.8%	-2,884	-86.5%	3,435	**1,536**	**1,158**	**1,115**	**967**	**2,556**	-2,437 to -1,868	-71.6% to -54.9%	518 to 1,087	115.5% to 242.2%	-2,468 to -1,899	-71.9% to -55.3%
November	**3,040**	2,956	**511**	-2,529	-83.2%	-2,445	-82.7%	3,048	**1,529**	**1,106**	**1,138**	**939**	**2,673**	-2,101 to -1,511	-69.1% to -49.7%	428 to 1,019	83.8% to 199.4%	-2,109 to -1,518	-69.2% to -49.8%
December	**3,482**	3,422	**684**	-2,798	-80.4%	-2,738	-80.0%	3,539	**1,911**	**1,388**	**1,488**	**1,186**	**2,984**	-2,296 to -1,571	-65.9% to -45.1%	502 to 1,227	73.4% to 179.4%	-2,353 to -1,628	-66.5% to -46.0%
1Q	**9,725**	9,634	**7,945**	-1,780	-18.3%	-1,690	-17.5%	9,661	**1,768**	**1,768**	**1,768**	**1,768**	**1,768**	-7,957	-81.8%	-6,177	-77.7%	-7,893	-81.7%
2Q	**11,009**	11,271	**391**	-10,618	-96.4%	-10,880	-96.5%	11,532	**2,452**	**2,452**	**2,364**	**2,330**	**2,847**	-8,680 to -8,557	-78.8% to -77.7%	1,939 to 2,061	495.9% to 527.3%	-9,202 to -9,079	-79.8% to -78.7%
3Q	**11,876**	12,235	**1,096**	-10,780	-90.8%	-11,139	-91.0%	12,627	**4,434**	**4,207**	**3,512**	**3,258**	**6,877**	-8,618 to -7,442	-72.6% to -62.7%	2,162 to 3,338	197.3% to 304.6%	-9,369 to -8,193	-74.2% to -64.9%
4Q	**9,926**	9,712	**1,643**	-8,283	-83.4%	-8,068	-83.1%	10,022	**4,976**	**3,652**	**3,741**	**3,092**	**8,214**	-6,834 to -4,950	-68.9% to -49.9%	1,448 to 3,333	88.1% to 202.8%	-6,930 to -5,045	-69.1% to -50.3%
Total	**42,536**	42,851	**11,075**	-31,461	-74.0%	-31,777	-74.2%	43,841	**13,630**	**12,080**	**11,385**	**10,447**	**19,706**	-32,089 to -28,905	-75.4% to -68.0%	-628 to 2,556	-5.7% to 23.1%	-33,394 to -30,210	-76.2% to -68.9%

Passenger revenue (USD, million) - North America Domestic

Year	2019	2020						2021									
Month	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	**7,196**	7,384	**7,720**	524	7.3%	336	4.6%	7,628	**2,782**	**2,782**	**2,782**	**2,782**	**2,782**	-4,413	-61.3%	-4,938	-64.0%	-4,846	-63.5%
February	**6,813**	7,210	**7,481**	668	9.8%	271	3.8%	7,417	**2,924**	**2,924**	**2,924**	**2,924**	**2,924**	-3,889	-57.1%	-4,556	-60.9%	-4,492	-60.6%
March	**8,581**	8,767	**4,494**	-4,087	-47.6%	-4,273	-48.7%	9,019	**4,799**	**4,799**	**4,799**	**4,799**	**4,799**	-3,782	-44.1%	305	6.8%	-4,220	-46.8%
April	**8,195**	8,538	**512**	-7,683	-93.7%	-8,026	-94.0%	8,853	**4,853**	**4,853**	**4,853**	**4,853**	**4,853**	-3,342	-40.8%	4,341	847.3%	-4,000	-45.2%
May	**8,789**	9,213	**1,209**	-7,580	-86.2%	-8,004	-86.9%	9,599	**5,585**	**5,585**	**5,507**	**5,471**	**5,871**	-3,318 to -3,204	-37.7% to -36.5%	4,263 to 4,376	352.7% to 362.1%	-4,128 to -4,014	-43.0% to -41.8%
June	**9,030**	9,588	**2,019**	-7,011	-77.6%	-7,569	-78.9%	9,849	**6,064**	**6,064**	**5,883**	**5,805**	**7,068**	-3,225 to -2,966	-35.7% to -32.8%	3,786 to 4,045	187.5% to 200.3%	-4,044 to -3,785	-41.1% to -38.4%
July	**9,312**	10,008	**2,834**	-6,478	-69.6%	-7,174	-71.7%	10,610	**7,126**	**7,126**	**6,687**	**6,521**	**8,370**	-2,791 to -2,186	-30.0% to -23.5%	3,687 to 4,292	130.1% to 151.4%	-4,089 to -3,484	-38.5% to -32.8%
August	**8,966**	9,344	**3,043**	-5,923	-66.1%	-6,301	-67.4%	9,720	**6,864**	**6,864**	**6,256**	**6,060**	**9,047**	-2,907 to -2,103	-32.4% to -23.4%	3,017 to 3,821	99.1% to 125.5%	-3,661 to -2,857	-37.7% to -29.4%
September	**7,838**	8,355	**2,971**	-4,867	-62.1%	-5,384	-64.4%	8,852	**6,499**	**6,078**	**5,769**	**5,548**	**8,594**	-2,289 to -1,338	-29.2% to -17.1%	2,577 to 3,528	86.7% to 118.8%	-3,303 to -2,352	-37.3% to -26.6%
October	**8,423**	8,704	**3,485**	-4,938	-58.6%	-5,220	-60.0%	9,057	**6,932**	**6,208**	**6,134**	**5,804**	**9,193**	-2,618 to -1,490	-31.1% to -17.7%	2,320 to 3,448	66.6% to 98.9%	-3,252 to -2,125	-35.9% to -23.5%
November	**7,674**	7,855	**3,243**	-4,430	-57.7%	-4,612	-58.7%	8,096	**6,362**	**5,628**	**5,676**	**5,265**	**7,031**	-2,409 to -1,312	-31.4% to -17.1%	2,021 to 3,118	62.3% to 96.1%	-2,831 to -1,734	-35.0% to -21.4%
December	**8,361**	8,723	**3,213**	-5,148	-61.6%	-5,511	-63.2%	9,249	**7,499**	**6,657**	**6,833**	**6,243**	**7,202**	-2,117 to -862	-25.3% to -10.3%	3,031 to 4,286	94.3% to 133.4%	-3,006 to -1,750	-32.5% to -18.9%
1Q	**22,590**	23,360	**19,694**	-2,895	-12.8%	-3,666	-15.7%	24,063	**10,505**	**10,505**	**10,505**	**10,505**	**10,505**	-12,084	-53.5%	-9,189	-46.7%	-13,558	-56.3%
2Q	**26,015**	27,339	**3,740**	-22,274	-85.6%	-23,599	-86.3%	28,301	**16,502**	**16,502**	**16,243**	**16,130**	**17,791**	-9,885 to -9,513	-38.0% to -36.6%	12,389 to 12,762	331.3% to 341.2%	-12,171 to -11,799	-43.0% to -41.7%
3Q	**26,116**	27,707	**8,848**	-17,267	-66.1%	-18,859	-68.1%	29,182	**20,489**	**20,068**	**18,712**	**18,129**	**26,011**	-7,987 to -5,627	-30.6% to -21.5%	9,280 to 11,641	104.9% to 131.6%	-11,054 to -8,693	-37.9% to -29.8%
4Q	**24,457**	25,283	**9,941**	-14,517	-59.4%	-15,342	-60.7%	26,402	**20,793**	**18,493**	**18,643**	**17,312**	**23,426**	-7,145 to -3,664	-29.2% to -15.0%	7,372 to 10,852	74.2% to 109.2%	-9,089 to -5,609	-34.4% to -21.2%
Total	**99,177**	103,690	**42,223**	-56,954	-57.4%	-61,466	-59.3%	107,948	**68,289**	**65,568**	**64,104**	**62,076**	**77,734**	-37,101 to -30,888	-37.4% to -31.1%	19,853 to 26,065	47.0% to 61.7%	-45,872 to -39,659	-42.5% to -36.7%

Source: ICAO estimates

Appendix A: Overview of Early Impact

COVID-19 outbreak has impacted air traffic of China starting from late January 2020



Note: The above includes a) international from mainland China, Hong Kong SAR of China, Macao SAR of China, Taiwan, Province of China; b) domestic within mainland China, and c) regional between mainland China and Hong Kong SAR, Macao SAR and Taiwan Province

Source: CARNOC.com/VariFlight (retrieved on 9 March 2020)

A surge of COVID-19 confirmed cases occurred in several States by late February 2020

January 2020	International passenger seat capacity	
Country/Territory	Capacity change from originally-planned	
Russian Federation	-89,778	-1%
Italy	-65,971	-1%
Turkey	-53,262	-1%
China	-45,484	0%
Morocco	-42,684	-2%
United Arab Emirates	-31,464	0%
Iraq	-29,326	-3%
Albania	-22,080	-7%
United Kingdom	-21,888	0%
South Africa	-21,476	-1%
Iran Islamic Republic of	-20,891	-2%
France	-19,537	0%
Poland	-18,154	0%
Romania	-17,493	-1%
Japan	-16,449	0%
United States	-13,067	0%
Indonesia	-12,114	0%
Bulgaria	-10,540	-1%
India	-10,342	0%
Cambodia	-10,158	-1%
Bahamas	-9,588	-2%
Denmark	-8,942	0%
Viet Nam	-8,489	0%
Malta	-7,372	-1%
Lebanon	-7,182	-1%
Bahrain	-7,123	-1%
Uzbekistan	-6,539	-1%
Tunisia	-6,362	-1%
Switzerland	-6,235	0%
Czechia	-5,642	0%

February 2020	International passenger seat capacity	
Country/Territory	Capacity change from originally-planned	
China	-10,532,219	-61%
Hong Kong SAR of China (CN)	-2,363,320	-36%
Republic of Korea	-1,717,147	-19%
Japan	-1,592,429	-15%
Thailand	-1,452,478	-15%
Taiwan, Province of China (CN)	-1,446,686	-23%
Singapore	-807,608	-12%
Viet Nam	-731,936	-16%
Macao SAR of China (CN)	-721,489	-64%
Philippines	-646,104	-18%
United States	-620,296	-3%
Malaysia	-448,172	-8%
Indonesia	-426,102	-10%
Russian Federation	-317,890	-5%
Cambodia	-307,968	-4%
Turkey	-277,868	-21%
Italy	-268,846	-3%
United Arab Emirates	-253,548	-2%
Australia	-241,284	-5%
United Kingdom	-188,864	-1%
Iran Islamic Republic of	-169,782	-18%
France	-157,998	-1%
Myanmar	-147,487	-21%
Germany	-145,561	-1%
India	-116,823	-2%
Morocco	-108,186	-5%
Qatar	-99,338	-2%
Canada	-96,231	-1%
Lao People's Democratic Republi	-71,910	-21%
Finland	-71,413	-4%

In February 2020, international passenger capacity **reduced by 10%**, mainly related to traffic from/to States experiencing an early outbreak and States deeply interconnected to China.

State/Territory with 100 to 999 confirmed cases*

State/Territory with 1,000 to 9,999 confirmed cases*

State/Territory with 10,000 to 49,999 confirmed cases*

State/Territory with 50,000 or more confirmed cases*

*: Coronavirus Disease 2019 (COVID-19) Situation Report by WHO (29 February 2020)

Source: OAG scheduled data adjusted by ICAO estimates

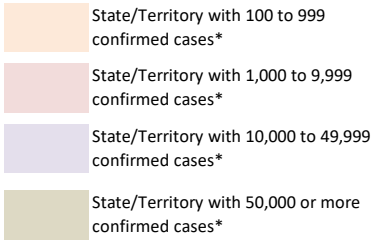
COVID-19 Pandemic was declared and accelerating in March 2020

March 2020 International Passenger Capacity

Country/Territory	Capacity change from originally-planned	
China	-14,841,792	-82%
Italy	-6,860,837	-60%
Republic of Korea	-6,536,917	-70%
Japan	-5,837,894	-51%
Germany	-5,771,162	-31%
Hong Kong SAR of China (CN)	-5,352,855	-77%
United Kingdom	-4,965,296	-22%
United States	-4,950,969	-19%
Thailand	-4,587,421	-46%
Taiwan, Province of China (CN)	-4,074,431	-62%
Spain	-3,792,140	-26%
United Arab Emirates	-3,400,833	-26%
Singapore	-3,297,434	-45%
France	-3,216,482	-25%
Turkey	-2,879,271	-35%
Viet Nam	-2,599,336	-55%
Malaysia	-2,500,355	-42%
India	-2,077,578	-29%
Saudi Arabia	-1,747,385	-31%
Switzerland	-1,691,017	-28%

Country/Territory	Capacity change from originally-planned	
Philippines	-1,669,456	-45%
Indonesia	-1,466,518	-34%
Netherlands	-1,292,472	-17%
Canada	-1,218,383	-16%
Austria	-1,200,864	-30%
Russian Federation	-1,177,704	-19%
Australia	-1,119,345	-25%
Portugal	-1,118,941	-26%
Belgium	-1,060,572	-31%
Qatar	-1,041,439	-21%
Denmark	-980,211	-28%
Israel	-972,061	-44%
Poland	-967,520	-24%
Macao SAR of China (CN)	-954,453	-80%
Egypt	-818,043	-28%
Morocco	-762,145	-31%
Sweden	-761,425	-24%
Ireland	-733,678	-21%
Greece	-635,039	-34%
Czechia	-610,048	-37%

In March 2020, global international passenger capacity **reduced by 48%**, with significant reduction not only in States experiencing an early outbreak but also worldwide.



*: Coronavirus Disease 2019 (COVID-19) Situation Report by WHO (31 March 2020)

Source: OAG scheduled data adjusted by ICAO estimates

The world reached 3 million confirmed COVID-19 cases in April 2020

April 2020 International Passenger Capacity

Country/Territory	Capacity change from originally-planned	
United States	-22,976,621	-88%
United Kingdom	-22,345,210	-90%
Germany	-19,374,444	-92%
Spain	-18,041,897	-94%
China	-16,683,876	-95%
France	-13,480,021	-91%
Italy	-12,464,502	-94%
United Arab Emirates	-11,009,896	-89%
Japan	-9,501,833	-88%
Turkey	-8,798,224	-94%
Thailand	-8,441,105	-94%
Republic of Korea	-7,960,525	-86%
Hong Kong SAR of China (CN)	-7,122,206	-93%
Netherlands	-6,960,693	-89%
Singapore	-6,596,279	-93%
Canada	-6,288,656	-90%
India	-6,286,458	-89%
Switzerland	-5,990,424	-93%
Russian Federation	-5,747,918	-87%
Taiwan, Province of China (CN)	-5,400,277	-85%

Country/Territory	Capacity change from originally-planned	
Malaysia	-4,959,606	-85%
Portugal	-4,913,803	-95%
Saudi Arabia	-4,193,572	-77%
Australia	-4,115,805	-92%
Mexico	-4,104,882	-78%
Austria	-3,812,866	-91%
Qatar	-3,760,492	-80%
Indonesia	-3,723,583	-87%
Viet Nam	-3,681,731	-89%
Ireland	-3,595,318	-92%
Poland	-3,449,632	-79%
Denmark	-3,417,729	-93%
Belgium	-3,323,135	-87%
Greece	-3,078,774	-94%
Philippines	-2,993,741	-86%
Sweden	-2,941,579	-89%
Norway	-2,476,519	-90%
Egypt	-2,248,437	-78%
Brazil	-2,214,850	-92%
Israel	-2,196,238	-91%

In April 2020, global international passenger capacity so far experienced by **unprecedented 94% reduction** (estimated)

State/Territory with 100 to 999 confirmed cases*

State/Territory with 1,000 to 9,999 confirmed cases*

State/Territory with 10,000 to 49,999 confirmed cases*

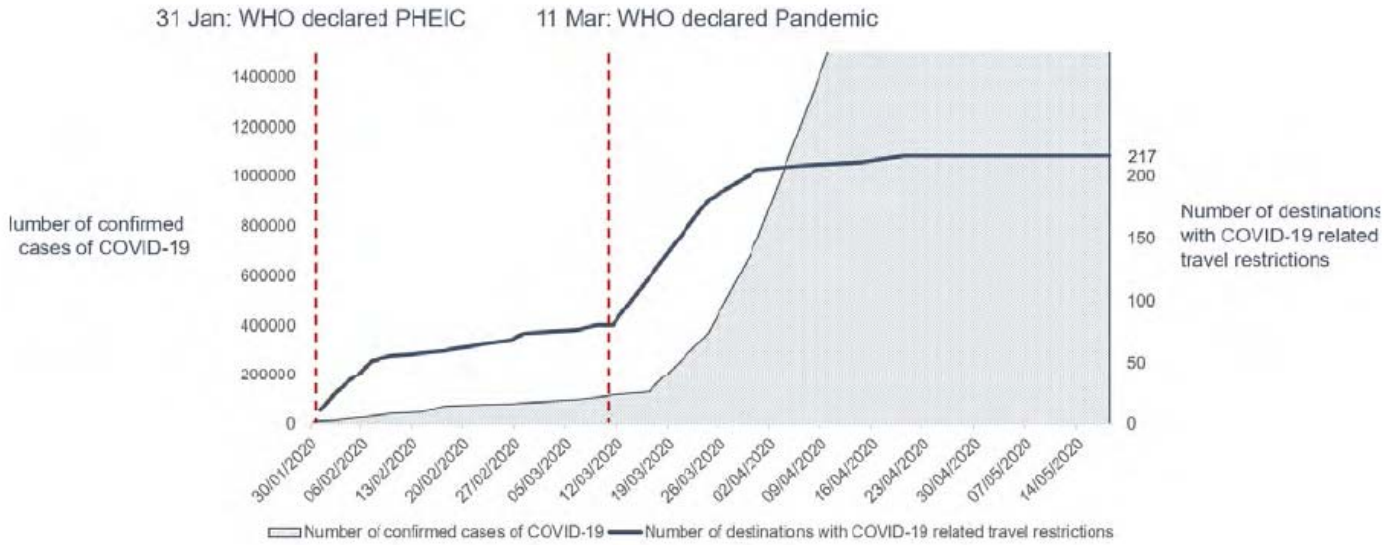
State/Territory with 50,000 or more confirmed cases*

*: Coronavirus Disease 2019 (COVID-19) Situation Report by WHO (30 April 2020)

Source: OAG scheduled data adjusted by ICAO estimates

Drastic reduction in passenger traffic amplified by travel restrictions

Number of confirmed cases and destinations with COVID-19-related travel restrictions



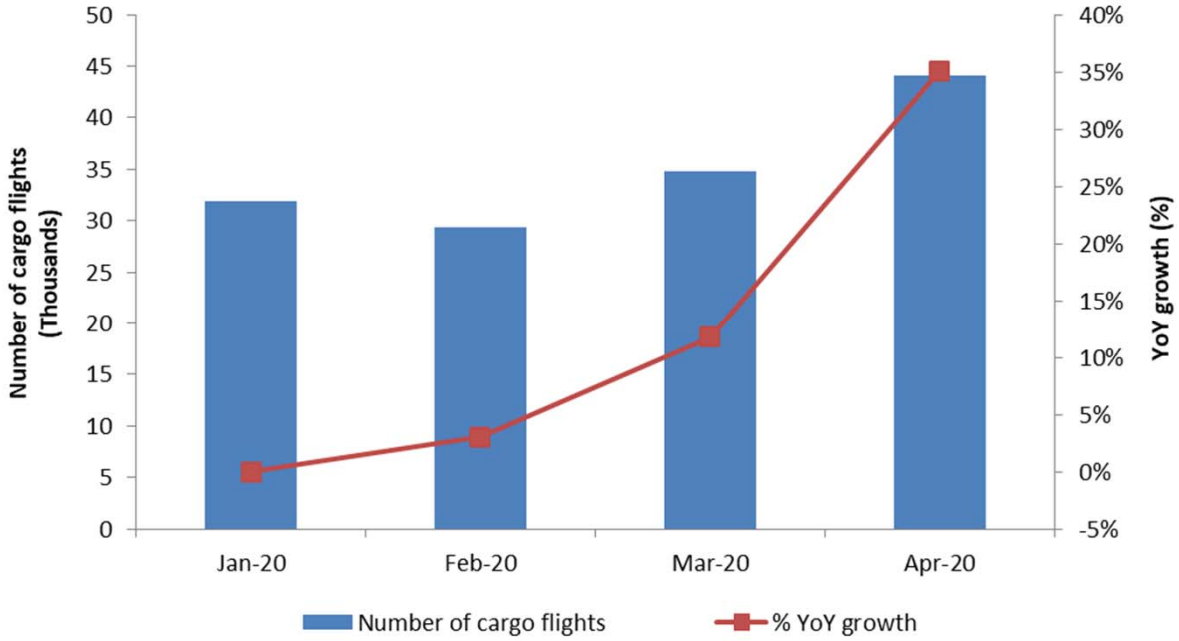
As of 18 May 2020, 100% of all world destinations have travel restrictions. About 185 (85%) destinations have completely or partially closed their borders, while 11 destinations (5%) have suspended completely or partially international flights.

https://www.unwto.org/news/covid-19-response-travel-restrictions

Source: UNWTO COVID-19 Related Travel Restrictions – A Global Review for Tourism (4th report dated 29 May 2020)

In contrast, surge in cargo flights since March 2020

In contrast to the fall in passenger traffic, cargo flights surged with the increased cargo-only operations using passenger aircraft



Source: ICAO ADS-B operation data

Appendix B: Scenario Assumptions in Detail

Assumptions underlying Scenarios

(International and domestic)	Baseline (Originally-planned, business as usual)	
	Seat capacity	Passenger load factor
January to March 2020	Airlines' winter schedules filed with OAG as of 6 January 2020	Forecasted 2020 load factor by region/route group, based on ICAO long-term traffic forecasts (LTF), which was adjusted monthly by difference between 2019 actual monthly results (ICAO, IATA) and 2019 LTF forecasted load factor
April to September 2020	Maximum number of seats taken from airlines' summer schedules filed with OAG during the period from 6 January 2020 to 20 April 2020	
October to December 2020	Using 2019 winter schedule as the base, and applying the pre-COVID-19 trend line growth, i.e. growth rate of 2019/2018 as proxy	
January to December 2021	Using "2020 Baseline" as the base, and applying the baseline growth of 2020/2019, or growth rate of 2019/2018, whichever is smaller	Forecasted 2021 load factor by region/route group, based on ICAO long-term traffic forecasts (LTF), which was adjusted monthly by difference between 2019 actual monthly results (ICAO, IATA) and 2019 LTF forecasted load factor

(International and domestic)	Scenarios 1/1a, 2/2a and Reference	
	Seat capacity	Passenger load factor
January 2020 to March 2021	Actual capacity based on ICAO ADS-B data	Actual estimated results by region/route group
April 2021		Average 34 (international) and 13 (domestic) percentage points lower than April 2019 load factor with adjustment of GDP impact by region/route group
April to December 2021	Scenarios 1/1a & 2/2a: Application of monthly "base percentage" which incorporates impacts of intra-/inter-regional share difference (2019) Reference: Most recent airlines' schedules filed with OAG	Application of "base percentage" which incorporates GDP impact by region/route group

"Base percentages" used for scenarios

International (world average)

Seat capacity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	-77%	-73%	-56%	-38%	-36%	-33%	-28%	-25%	-28%
Scenario 1	-77%	-75%	-71%	-65%	-56%	-46%	-40%	-37%	-33%
Scenario 1a	-77%	-75%	-71%	-65%	-56%	-55%	-55%	-54%	-51%
Scenario 2	-77%	-75%	-73%	-70%	-66%	-63%	-59%	-55%	-50%
Scenario 2a	-77%	-75%	-73%	-70%	-68%	-65%	-63%	-61%	-58%

Load factor	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	-34%	-29%	-24%	-14%	-11%	-10%	-9%	-8%	-8%
Scenario 1	-34%	-31%	-26%	-16%	-13%	-12%	-11%	-10%	-10%
Scenario 1a	-34%	-31%	-26%	-16%	-13%	-16%	-17%	-17%	-15%
Scenario 2	-34%	-32%	-29%	-22%	-20%	-19%	-17%	-14%	-13%
Scenario 2a	-34%	-33%	-30%	-25%	-24%	-23%	-22%	-21%	-19%

Domestic (world average)

Seat capacity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	-23%	-17%	-7%	-5%	1%	3%	3%	-22%	-25%
Scenario 1	-23%	-22%	-21%	-18%	-15%	-13%	-10%	-9%	-8%
Scenario 1a	-23%	-22%	-21%	-18%	-15%	-15%	-14%	-13%	-13%
Scenario 2	-23%	-22%	-21%	-20%	-19%	-18%	-16%	-15%	-13%
Scenario 2a	-23%	-22%	-21%	-20%	-19%	-19%	-18%	-17%	-16%

Load factor	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	-13%	-10%	-8%	-5%	-3%	-3%	-3%	-3%	-2%
Scenario 1	-13%	-12%	-10%	-6%	-5%	-5%	-4%	-4%	-4%
Scenario 1a	-13%	-12%	-10%	-6%	-5%	-8%	-9%	-8%	-8%
Scenario 2	-13%	-12%	-11%	-9%	-8%	-7%	-7%	-6%	-5%
Scenario 2a	-13%	-13%	-12%	-10%	-9%	-9%	-9%	-8%	-8%

- Base percentages of seat capacity already take into consideration short-/long-haul (intra-/inter-region) impacts and will be applied to Baseline level of seat capacity
- Base percentages of load factor already take into consideration economic (GDP) factors and will be added to Bassline level of load factor %

Data used for scenario analysis

- **Seat capacity (seats available for sale):** OAG airlines schedule data; Route Online; airline websites and ICAO ADS-B operational data
- **Load factor (RPKs/ASKs):** ICAO long-term traffic forecasts (LTF); ICAO statistical reporting forms; IATA economics data; and airline news release
- **Historical passenger traffic (including ASKs, RPKs, passenger numbers and operating revenues)**: ICO Annual Report of the Council; and ICAO statistical reporting forms
- **Yield (passenger revenues/RPK):** ICAO revenue-cost analysis of airlines (RCA); and ICAO-ICM Marketing Information Data Transfer (MIDT passenger origin-destination)
- **Macroeconomic factors (GDP impact):** Income elasticity of demand estimated for ICAO LTF; and IMF and World Bank economic outlook data

Note 1: A list of route group is shown in **Appendix C**.

Note 2: Average air fares (i.e. passenger yield multiplied by average trip distance) for each region/route group are used to estimate gross passenger operating revenues.

Appendix C: Estimated Results at Route Group Level

More detailed break-down of the information is available in the COVID-19 Air Traffic Dashboard (https://www.icao.int/sustainability/Pages/COVID-19-Air-Traffic-Dashboard.aspx).
In case of any discrepancy and inconsistency of information contained in this Appendix and the Dashboard, the Appendix information shall prevail as the Dashboard uses non-cleaned data.

ICAO UNITING AVIATION

Estimated results by route group for Year 2020: Seat capacity

Route Group	DOM/INT	Seat capacity (compared to Baseline)												Seat capacity (compared to 2019)											
		Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20
Africa	Domestic	-4.3%	-1.6%	-31.5%	-96.6%	-95.4%	-90.3%	-77.3%	-68.4%	-66.4%	-54.7%	-50.2%	-38.0%	0.4%	5.5%	-28.6%	-96.5%	-95.3%	-90.0%	-76.8%	-68.3%	-65.9%	-53.4%	-47.9%	-33.8%
Africa - Asia/Pacific	International	5.2%	-19.9%	-45.8%	-94.8%	-90.8%	-90.1%	-89.6%	-87.5%	-87.2%	-85.5%	-85.5%	-83.5%	18.1%	-2.6%	-37.9%	-94.2%	-89.9%	-89.3%	-89.1%	-87.1%	-86.8%	-85.0%	-84.2%	-82.1%
Africa - Middle East	International	-5.2%	-5.9%	-55.8%	-95.9%	-94.5%	-91.4%	-81.7%	-79.5%	-71.3%	-58.3%	-59.5%	-61.7%	7.2%	9.6%	-50.1%	-95.6%	-94.1%	-91.2%	-81.3%	-79.6%	-69.2%	-56.4%	-54.9%	-57.4%
Africa - North America	International	-7.9%	-3.7%	-26.6%	-87.5%	-87.5%	-87.2%	-79.1%	-78.6%	-72.8%	-61.0%	-51.3%	-57.1%	8.8%	22.8%	-11.8%	-86.0%	-85.5%	-85.8%	-77.3%	-76.3%	-69.3%	-55.8%	-46.9%	-48.3%
Africa & Middle East - Central America/Caribbean	International														38.3%										
Africa & Middle East - South America	International	0.4%	2.4%	-24.6%	-84.1%	-89.6%	-86.4%	-78.1%	-71.5%	-65.5%	-62.6%	-68.4%	-68.6%	-4.9%	1.9%	-26.8%	-81.8%	-87.7%	-84.8%	-77.0%	-69.9%	-64.2%	-64.4%	-70.3%	-70.3%
Central America/Caribbean	Domestic	-2.1%	-2.3%	-20.4%	-83.9%	-85.9%	-71.7%	-54.4%	-41.8%	-34.5%	-33.5%	-28.7%	-26.8%	9.2%	11.7%	-12.0%	-82.8%	-85.1%	-70.0%	-52.4%	-41.8%	-30.2%	-26.0%	-21.9%	-19.5%
Central America/Caribbean - Europe	International	-0.2%	1.2%	-18.7%	-94.6%	-91.5%	-89.2%	-78.0%	-72.0%	-73.7%	-62.8%	-69.8%	-56.1%	-1.0%	3.5%	-21.0%	-94.4%	-91.2%	-88.9%	-76.9%	-70.7%	-73.4%	-63.5%	-69.9%	-54.8%
Central America/Caribbean - North America	International	2.4%	2.2%	-22.2%	-91.5%	-91.7%	-87.4%	-69.9%	-65.0%	-58.6%	-44.3%	-37.2%	-31.3%	0.0%	3.9%	-24.4%	-91.5%	-91.5%	-87.4%	-69.7%	-64.9%	-57.5%	-45.9%	-39.0%	-32.6%
Central America/Caribbean - South America	International	2.7%	2.7%	-25.7%	-96.6%	-94.8%	-94.7%	-95.3%	-93.8%	-95.9%	-87.8%	-77.2%	-68.2%	0.5%	0.6%	-28.4%	-96.4%	-94.5%	-94.4%	-95.2%	-93.7%	-95.7%	-88.0%	-77.1%	-68.2%
China	Domestic	-9.9%	-75.4%	-60.1%	-55.4%	-36.7%	-24.7%	-18.5%	-8.9%	-5.1%	1.8%	2.5%	0.4%	-3.7%	-73.4%	-58.0%	-55.7%	-37.2%	-25.2%	-19.0%	-9.6%	-5.7%	6.8%	5.9%	5.0%
China - Europe	International	2.6%	-51.8%	-74.6%	-93.2%	-91.0%	-92.2%	-91.9%	-91.5%	-89.9%	-88.9%	-87.4%	-88.1%	4.0%	-48.0%	-73.1%	-93.2%	-91.1%	-92.4%	-91.4%	-91.1%	-89.4%	-88.4%	-86.9%	-87.8%
China - Middle East	International	2.7%	-56.2%	-77.1%	-91.9%	-95.8%	-82.8%	-78.5%	-77.2%	-80.1%	-80.9%	-86.0%	-84.9%	3.8%	-56.4%	-77.1%	-91.8%	-95.6%	-82.6%	-79.0%	-77.7%	-79.7%	-80.8%	-85.8%	-84.5%
China - North America	International	0.7%	-46.2%	-67.2%	-92.6%	-87.8%	-90.5%	-87.5%	-89.9%	-88.8%	-86.3%	-83.3%	-84.7%	-5.6%	-48.2%	-70.1%	-92.8%	-88.1%	-90.7%	-87.8%	-90.1%	-89.0%	-87.2%	-84.4%	-85.3%
China & South West Asia - North Asia	International	-0.1%	-43.3%	-84.2%	-89.9%	-88.9%	-91.9%	-90.0%	-89.5%	-88.8%	-90.8%	-94.1%	-94.1%	21.7%	-31.8%	-81.5%	-89.4%	-88.6%	-91.5%	-89.4%	-89.1%	-88.5%	-89.6%	-93.0%	-93.0%
China & South West Asia - Pacific South East Asia	International	-1.5%	-47.1%	-71.9%	-91.2%	-90.7%	-93.2%	-89.8%	-91.2%	-90.2%	-90.9%	-91.5%	-91.3%	6.7%	-45.6%	-71.3%	-91.2%	-90.7%	-93.2%	-89.9%	-91.1%	-90.3%	-90.6%	-91.1%	-90.9%
Europe	Domestic	3.2%	2.4%	-30.9%	-88.0%	-86.9%	-68.0%	-37.8%	-22.7%	-30.5%	-32.5%	-46.9%	-43.8%	1.5%	1.8%	-32.2%	-88.1%	-87.0%	-68.3%	-38.2%	-23.2%	-31.0%	-33.7%	-47.8%	-45.1%
Europe - Middle East	International	1.5%	0.2%	-43.5%	-89.7%	-89.6%	-84.7%	-81.6%	-79.1%	-73.9%	-73.6%	-74.5%	-72.6%	4.9%	6.1%	-42.6%	-89.3%	-88.5%	-84.8%	-81.2%	-78.9%	-74.3%	-72.7%	-73.7%	-71.8%
Europe - North Africa	International	2.6%	0.9%	-41.0%	-97.9%	-96.8%	-95.7%	-76.2%	-71.3%	-76.0%	-73.5%	-75.1%	-68.1%	4.0%	7.9%	-41.0%	-97.7%	-96.7%	-95.1%	-74.6%	-69.7%	-74.9%	-73.1%	-75.1%	-67.7%
Europe - North America	International	3.8%	2.3%	-35.9%	-91.4%	-93.6%	-91.6%	-87.2%	-82.8%	-80.8%	-76.3%	-73.3%	-75.1%	0.4%	4.1%	-36.2%	-91.3%	-93.5%	-91.4%	-87.0%	-82.5%	-80.4%	-76.9%	-74.1%	-75.8%
Europe - North Asia	International	5.6%	2.2%	-43.4%	-90.0%	-90.9%	-88.8%	-84.8%	-82.2%	-83.1%	-79.7%	-76.7%	-76.1%	6.6%	6.4%	-41.9%	-89.4%	-90.4%	-88.3%	-83.7%	-80.8%	-81.6%	-78.9%	-76.3%	-75.9%
Europe - Pacific South East Asia	International	-2.6%	0.1%	-13.8%	-91.7%	-91.1%	-90.7%	-89.6%	-86.1%	-84.1%	-84.0%	-85.7%	-85.3%	5.5%	6.7%	-18.5%	-91.5%	-90.8%	-90.4%	-89.3%	-85.7%	-84.3%	-83.0%	-84.4%	-83.8%
Europe - South America	International	-4.9%	-4.8%	-36.7%	-95.7%	-93.4%	-90.4%	-85.3%	-82.6%	-79.6%	-77.8%	-72.2%	-66.9%	-1.4%	0.9%	-35.8%	-95.5%	-93.3%	-90.2%	-84.9%	-82.0%	-78.6%	-74.8%	-70.6%	-63.1%
Europe - South West Asia	International	1.8%	2.7%	-36.4%	-90.2%	-88.8%	-90.7%	-86.6%	-79.4%	-67.9%	-62.9%	-64.5%	-63.1%	-8.3%	-4.1%	-43.0%	-90.2%	-88.1%	-89.8%	-85.6%	-78.1%	-66.2%	-63.7%	-66.7%	-65.8%
Europe - Sub Saharan Africa	International	0.7%	0.4%	-28.1%	-90.6%	-91.3%	-87.3%	-78.3%	-68.4%	-60.2%	-50.0%	-53.5%	-46.0%	1.1%	5.2%	-27.5%	-90.6%	-90.9%	-87.0%	-78.1%	-68.2%	-59.5%	-49.7%	-54.0%	-45.9%
Intra Africa	International	-9.7%	-10.1%	-44.0%	-95.4%	-94.3%	-91.6%	-89.0%	-81.7%	-75.3%	-65.6%	-59.2%	-55.0%	1.5%	5.3%	-36.4%	-95.0%	-93.4%	-90.7%	-87.9%	-79.8%	-72.7%	-61.6%	-54.1%	-48.9%

Estimated results by route group for Year 2020: Seat capacity

Route Group	DOM/INT	Seat capacity (compared to Baseline)												Seat capacity (compared to 2019)											
		Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20
Intra Central America/Caribbean	International	5.2%	1.4%	-29.1%	-90.0%	-88.4%	-82.4%	-79.4%	-78.2%	-80.5%	-75.5%	-69.5%	-57.6%	4.0%	3.9%	-30.3%	-90.0%	-88.6%	-82.6%	-79.9%	-78.8%	-80.4%	-76.0%	-68.7%	-57.0%
Intra China & South West Asia	International	-9.6%	-60.5%	-78.8%	-89.0%	-87.1%	-90.2%	-88.3%	-88.3%	-86.0%	-83.9%	-83.7%	-83.4%	-2.0%	-57.0%	-76.9%	-87.7%	-85.4%	-89.0%	-86.8%	-86.9%	-84.4%	-82.4%	-82.7%	-82.5%
Intra Europe	International	-1.6%	-3.0%	-46.1%	-96.4%	-95.6%	-90.6%	-68.0%	-53.7%	-62.4%	-66.8%	-78.4%	-76.7%	-0.6%	3.4%	-43.0%	-96.3%	-95.6%	-90.3%	-67.1%	-52.7%	-61.5%	-66.9%	-78.4%	-75.8%
Intra Middle East	International	-2.9%	-4.4%	-67.6%	-94.8%	-94.8%	-93.1%	-90.2%	-87.0%	-83.2%	-75.9%	-69.9%	-72.2%	0.3%	0.6%	-66.4%	-94.5%	-94.1%	-92.8%	-89.8%	-86.6%	-82.5%	-75.5%	-71.3%	-71.3%
Intra North America	International	2.7%	2.7%	-23.6%	-93.4%	-96.9%	-95.5%	-92.0%	-92.9%	-93.7%	-92.9%	-90.4%	-87.8%	-5.2%	-1.7%	-29.2%	-93.4%	-96.9%	-95.4%	-91.8%	-92.8%	-93.7%	-93.0%	-90.6%	-88.5%
Intra North Asia	International	-1.5%	-2.0%	-78.6%	-96.4%	-96.2%	-96.1%	-96.1%	-96.0%	-94.6%	-90.0%	-85.0%	-85.9%	-32.3%	-30.9%	-85.0%	-96.5%	-96.3%	-96.2%	-96.1%	-95.9%	-94.0%	-92.5%	-90.4%	-90.3%
Intra Pacific South East Asia	International	-0.6%	-4.8%	-45.3%	-94.9%	-96.0%	-95.7%	-94.9%	-93.8%	-94.2%	-93.6%	-93.5%	-91.8%	7.1%	2.0%	-42.7%	-94.7%	-95.8%	-95.6%	-94.8%	-93.6%	-94.0%	-93.5%	-93.2%	-91.4%
Intra South America	International	-8.9%	-0.6%	-37.0%	-96.7%	-95.8%	-95.7%	-96.6%	-96.7%	-96.2%	-89.9%	-82.9%	-76.6%	-9.5%	2.5%	-34.8%	-96.4%	-95.3%	-95.1%	-96.3%	-96.2%	-95.7%	-89.7%	-83.4%	-77.8%
Latin America/Caribbean - China	International	2.7%									-88.9%	-100.0%	-100.0%	-66.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-97.6%	-97.5%	-100.0%	-92.3%	-100.0%	-100.0%
Latin America/Caribbean - North Asia & Pacific South East Asia	International	2.7%	0.9%	-17.4%	-79.4%	-87.0%	-88.3%	-83.7%	-86.2%	-87.1%	-81.3%	-83.9%	-84.5%	2.0%	0.7%	-19.3%	-77.8%	-85.2%	-86.6%	-82.0%	-84.6%	-85.2%	-82.4%	-84.4%	-84.3%
Middle East	Domestic	-9.4%	5.7%	-37.7%	-95.6%	-94.1%	-74.4%	-61.9%	-51.1%	-47.0%	-30.2%	-20.1%	-18.9%	-15.5%	2.0%	-42.2%	-95.6%	-94.1%	-74.6%	-62.2%	-51.4%	-47.4%	-37.6%	-28.9%	-25.4%
Middle East - North America	International	2.4%	2.4%	-27.6%	-90.4%	-92.9%	-76.2%	-76.1%	-69.4%	-64.6%	-60.0%	-58.6%	-58.0%	4.8%	6.5%	-26.2%	-90.1%	-92.5%	-75.8%	-75.9%	-68.6%	-63.7%	-60.7%	-58.2%	-56.8%
Middle East - North Asia & Pacific South East Asia	International	-0.8%	-1.6%	-35.7%	-82.5%	-85.8%	-76.6%	-72.9%	-69.8%	-69.4%	-70.4%	-70.7%	-71.3%	-0.5%	3.4%	-35.0%	-81.4%	-83.8%	-74.8%	-72.5%	-69.2%	-68.4%	-69.8%	-70.9%	-71.2%
Middle East - South West Asia	International	-2.4%	-0.9%	-43.7%	-96.6%	-93.5%	-82.8%	-73.4%	-71.6%	-65.4%	-63.0%	-59.1%	-54.8%	2.9%	9.5%	-39.7%	-96.3%	-92.7%	-81.3%	-71.7%	-70.4%	-63.9%	-61.2%	-56.4%	-51.7%
North America	Domestic	2.5%	2.7%	-13.9%	-66.8%	-73.6%	-66.3%	-49.2%	-43.6%	-49.1%	-45.1%	-38.9%	-41.1%	4.8%	8.3%	-12.4%	-65.6%	-72.5%	-64.3%	-45.6%	-41.5%	-46.0%	-43.5%	-37.7%	-38.8%
North America - North Asia	International	5.7%	2.7%	-26.8%	-85.4%	-87.0%	-83.0%	-76.7%	-74.0%	-72.4%	-69.7%	-67.6%	-67.6%	6.6%	5.0%	-26.7%	-84.8%	-86.2%	-81.9%	-75.5%	-72.8%	-71.2%	-69.9%	-67.8%	-67.0%
North America - Pacific South East Asia	International	5.7%	2.7%	-19.6%	-88.9%	-87.1%	-86.3%	-83.1%	-79.6%	-81.4%	-83.8%	-81.7%	-81.8%	9.3%	10.8%	-18.2%	-88.8%	-86.8%	-86.3%	-82.8%	-79.5%	-80.7%	-83.3%	-82.0%	-81.6%
North America - South America	International	2.6%	2.7%	-29.2%	-94.2%	-94.9%	-94.6%	-93.0%	-90.5%	-84.9%	-70.2%	-55.5%	-46.1%	-8.0%	-2.8%	-34.1%	-94.1%	-94.8%	-94.3%	-92.5%	-89.9%	-84.1%	-73.1%	-61.1%	-52.2%
North America - South West Asia	International	1.4%	2.6%	-29.9%	-92.1%	-88.3%	-94.8%	-80.2%	-56.3%	-40.8%	-24.8%	-30.7%	-28.4%	20.4%	24.4%	-14.9%	-88.7%	-83.0%	-92.4%	-63.1%	-20.0%	-13.7%	-19.6%	-26.7%	-20.8%
North Asia	Domestic	1.0%	-1.8%	-18.7%	-54.6%	-68.8%	-57.8%	-38.7%	-23.5%	-46.9%	-36.7%	-27.0%	-25.4%	3.1%	2.3%	-18.5%	-54.5%	-68.0%	-57.3%	-37.8%	-23.7%	-46.3%	-35.5%	-25.4%	-24.5%
North Asia - Pacific South East Asia	International	0.5%	-6.9%	-63.3%	-89.0%	-88.8%	-86.9%	-87.3%	-89.5%	-86.3%	-87.2%	-86.7%	-86.1%	15.9%	9.0%	-59.9%	-88.9%	-88.6%	-86.8%	-87.2%	-88.2%	-86.4%	-85.4%	-84.7%	-83.7%
Pacific South East Asia	Domestic	-4.3%	-5.2%	-28.3%	-87.8%	-84.2%	-70.8%	-57.7%	-64.9%	-59.1%	-44.6%	-41.1%	-31.3%	1.3%	3.1%	-24.3%	-87.2%	-83.2%	-69.5%	-54.6%	-61.9%	-55.3%	-45.8%	-40.9%	-30.5%
South America	Domestic	2.0%	1.7%	-32.6%	-94.2%	-93.2%	-89.7%	-84.9%	-80.0%	-70.8%	-56.5%	-46.6%	-38.0%	3.2%	5.6%	-28.5%	-93.9%	-92.8%	-88.8%	-84.2%	-79.1%	-69.7%	-55.7%	-45.9%	-37.6%
South West Asia	Domestic	-3.8%	2.2%	-26.2%	-98.7%	-94.0%	-74.8%	-73.4%	-67.9%	-55.1%	-47.1%	-40.7%	-31.2%	0.2%	6.6%	-23.0%	-98.7%	-93.8%	-73.7%	-72.3%	-66.5%	-53.2%	-45.2%	-38.2%	-28.5%
Domestic		-2.0%	-17.3%	-30.7%	-73.6%	-71.8%	-60.7%	-46.3%	-39.4%	-40.3%	-33.2%	-30.7%	-28.8%	1.3%	-12.7%	-28.6%	-73.0%	-71.0%	-59.4%	-44.4%	-37.9%	-38.3%	-31.8%	-29.5%	-26.9%
International		-0.8%	-10.1%	-47.9%	-93.7%	-93.3%	-90.3%	-78.5%	-71.8%	-73.6%	-73.7%	-76.7%	-74.4%	2.0%	-4.9%	-46.2%	-93.5%	-93.1%	-90.0%	-77.8%	-70.9%	-72.8%	-73.2%	-76.3%	-73.5%
Total		-1.6%	-14.4%	-37.7%	-82.1%	-80.9%	-73.6%	-60.3%	-53.6%	-54.6%	-50.1%	-49.0%	-47.3%	1.6%	-9.6%	-35.7%	-81.6%	-80.3%	-72.7%	-58.9%	-52.3%	-53.2%	-49.1%	-48.1%	-45.7%

Source: ICAO estimates based on ICAO ADS-B, OAG, ICAO-ICM MIDT, ICAO LTF, ICAO Statistics, IATA Economics, and IMF/World Bank Economic Outlook

ICAO UNITING AVIATION

Estimated results by route group for Year 2020: Passenger number

Route Group	DOM/INT	Scheduled passenger (thousand, compared to Baseline)												Scheduled passenger (thousand, compared to 2019)											
		Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20
Africa	Domestic	-213	-250	-1,614	-3,437	-3,104	-3,157	-3,150	-2,871	-2,750	-2,384	-2,335	-2,021	-41	-19	-1,465	-3,370	-2,990	-3,036	-3,070	-2,862	-2,688	-2,278	-2,173	-1,763
Africa - Asia/Pacific	International	19	-92	-203	-356	-337	-343	-359	-360	-326	-321	-344	-369	61	-31	-155	-316	-304	-315	-342	-346	-315	-307	-310	-336
Africa - Middle East	International	-50	-182	-1,591	-2,563	-2,507	-2,649	-2,714	-2,924	-2,165	-1,670	-1,789	-2,083	264	152	-1,295	-2,328	-2,291	-2,544	-2,643	-2,916	-1,981	-1,558	-1,546	-1,800
Africa - North America	International	-15	-14	-77	-183	-182	-231	-259	-272	-204	-154	-126	-175	17	22	-44	-162	-156	-205	-236	-242	-176	-129	-110	-132
Africa & Middle East - Central America/Caribbean	International	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Africa & Middle East - South America	International	5	1	-43	-113	-110	-107	-110	-111	-93	-82	-84	-95	-2	0	-47	-98	-92	-96	-105	-104	-89	-88	-90	-102
Central America/Caribbean	Domestic	-83	-139	-1,641	-4,325	-4,461	-3,869	-3,481	-2,509	-1,611	-1,784	-1,534	-1,589	420	427	-1,181	-4,020	-4,191	-3,582	-3,255	-2,502	-1,331	-1,268	-1,094	-1,105
Central America/Caribbean - Europe	International	39	-4	-516	-1,397	-1,171	-1,199	-1,297	-1,239	-1,009	-906	-1,094	-1,107	30	29	-554	-1,344	-1,130	-1,158	-1,223	-1,173	-995	-925	-1,096	-1,061
Central America/Caribbean - North America	International	274	-14	-3,625	-7,604	-7,011	-7,223	-7,213	-6,354	-4,422	-3,975	-4,198	-5,037	125	148	-3,833	-7,510	-6,824	-7,187	-7,102	-6,283	-4,255	-4,105	-4,355	-5,150
Central America/Caribbean - South America	International	43	21	-455	-1,171	-1,228	-1,176	-1,230	-1,189	-1,140	-1,051	-984	-956	16	-1	-498	-1,103	-1,160	-1,110	-1,206	-1,159	-1,091	-1,063	-977	-959
China	Domestic	-8,291	-45,936	-36,511	-30,434	-23,398	-18,296	-14,857	-10,525	-4,207	-2,847	-3,338	-5,870	-4,818	-41,765	-33,812	-30,593	-23,562	-18,456	-15,033	-10,706	-4,370	-171	-1,634	-3,588
China - Europe	International	65	-952	-1,520	-1,973	-1,986	-2,069	-2,451	-2,442	-2,202	-2,094	-1,737	-1,755	93	-829	-1,412	-1,959	-1,990	-2,124	-2,314	-2,337	-2,091	-2,007	-1,661	-1,697
China - Middle East	International	38	-290	-453	-573	-553	-529	-565	-567	-537	-527	-526	-565	45	-291	-451	-561	-530	-520	-579	-579	-523	-524	-514	-546
China - North America	International	17	-698	-1,090	-1,510	-1,534	-1,576	-1,608	-1,674	-1,427	-1,362	-1,207	-1,415	-82	-747	-1,228	-1,552	-1,577	-1,620	-1,654	-1,721	-1,458	-1,465	-1,298	-1,475
China & South West Asia - North Asia	International	-37	-3,354	-5,797	-5,764	-5,702	-5,872	-6,287	-6,304	-5,653	-6,685	-7,031	-7,568	1,222	-2,268	-4,836	-5,500	-5,497	-5,545	-5,921	-6,011	-5,487	-5,825	-5,936	-6,403
China & South West Asia - Pacific South East Asia	International	-223	-5,407	-7,839	-8,923	-8,767	-8,893	-9,306	-9,632	-8,473	-9,247	-9,278	-10,117	660	-5,086	-7,592	-8,907	-8,701	-8,829	-9,302	-9,493	-8,466	-8,919	-8,737	-9,647
Europe	Domestic	774	94	-11,287	-22,972	-24,063	-20,693	-12,666	-7,203	-9,451	-10,932	-13,169	-11,649	524	85	-11,611	-22,938	-24,092	-20,724	-12,698	-7,235	-9,482	-11,223	-13,429	-12,028
Europe - Middle East	International	415	-62	-3,851	-7,196	-6,652	-6,996	-8,270	-8,380	-6,391	-6,465	-6,038	-6,443	649	295	-3,727	-6,932	-5,953	-7,066	-8,063	-8,304	-6,503	-6,200	-5,835	-6,211
Europe - North Africa	International	128	-52	-1,732	-3,912	-3,090	-4,242	-4,132	-4,078	-3,577	-3,130	-2,755	-2,699	198	166	-1,703	-3,557	-2,995	-3,664	-3,792	-3,778	-3,361	-3,045	-2,712	-2,616
Europe - North America	International	344	27	-3,093	-7,159	-8,377	-9,253	-9,676	-9,441	-8,324	-6,828	-4,885	-5,074	166	113	-3,120	-7,037	-8,190	-9,084	-9,493	-9,252	-8,088	-7,025	-5,042	-5,246
Europe - North Asia	International	62	-55	-544	-1,064	-1,088	-1,117	-1,188	-1,188	-1,098	-1,017	-816	-806	72	-21	-518	-1,001	-1,034	-1,071	-1,098	-1,094	-1,001	-970	-799	-797
Europe - Pacific South East Asia	International	-21	-150	-568	-1,386	-1,252	-1,233	-1,331	-1,329	-1,159	-1,375	-1,589	-1,738	119	-45	-657	-1,344	-1,209	-1,187	-1,286	-1,288	-1,167	-1,285	-1,440	-1,554
Europe - South America	International	-38	-77	-665	-1,328	-1,331	-1,338	-1,395	-1,362	-1,226	-1,313	-1,134	-1,165	14	-3	-641	-1,282	-1,295	-1,300	-1,344	-1,300	-1,156	-1,129	-1,054	-1,009
Europe - South West Asia	International	65	-69	-952	-1,782	-1,749	-1,839	-1,913	-1,821	-1,546	-1,476	-1,440	-1,428	-131	-187	-1,161	-1,769	-1,634	-1,663	-1,764	-1,701	-1,445	-1,512	-1,548	-1,571
Europe - Sub Saharan Africa	International	41	-43	-732	-1,543	-1,482	-1,492	-1,570	-1,479	-1,266	-1,181	-1,237	-1,192	50	31	-717	-1,538	-1,420	-1,451	-1,548	-1,465	-1,235	-1,170	-1,255	-1,187
Intra Africa	International	-234	-335	-1,265	-2,276	-2,239	-2,244	-2,429	-2,420	-2,085	-1,815	-1,707	-1,758	40	-14	-972	-2,051	-1,933	-2,004	-2,177	-2,161	-1,856	-1,563	-1,445	-1,439

Estimated results by route group for Year 2020: Passenger number

Route Group	DOM/INT	Scheduled passenger (thousand, compared to Baseline)												Scheduled passenger (thousand, compared to 2019)											
		Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20
Intra Central America/Caribbean	International	78	2	-571	-1,257	-1,319	-1,227	-1,257	-1,229	-1,161	-1,107	-1,095	-1,004	68	37	-590	-1,255	-1,330	-1,236	-1,288	-1,261	-1,149	-1,129	-1,053	-980
Intra China & South West Asia	International	-475	-2,946	-3,919	-4,492	-4,401	-4,460	-4,743	-4,862	-4,091	-4,149	-3,817	-3,987	-90	-2,565	-3,515	-3,989	-3,834	-3,935	-4,151	-4,266	-3,626	-3,756	-3,569	-3,763
Intra Europe	International	265	-2,090	-28,271	-57,483	-61,572	-67,650	-61,485	-54,274	-53,952	-50,915	-39,403	-40,319	1,046	864	-25,217	-55,462	-61,145	-64,565	-58,835	-52,066	-51,885	-50,505	-39,098	-38,128
Intra Middle East	International	65	-168	-2,606	-3,632	-3,328	-3,632	-3,867	-4,098	-3,255	-2,955	-2,549	-3,120	197	8	-2,462	-3,442	-2,943	-3,454	-3,674	-3,939	-3,086	-2,891	-2,678	-2,998
Intra North America	International	98	1	-1,219	-2,673	-2,588	-2,828	-2,992	-2,984	-2,535	-2,519	-2,294	-2,408	-98	-92	-1,427	-2,687	-2,630	-2,770	-2,917	-2,947	-2,503	-2,552	-2,350	-2,547
Intra North Asia	International	-21	-212	-1,050	-1,632	-1,629	-1,643	-1,812	-1,765	-1,321	-808	-615	-771	-589	-688	-1,575	-1,675	-1,672	-1,686	-1,808	-1,714	-1,193	-1,090	-996	-1,146
Intra Pacific South East Asia	International	-39	-1,487	-4,730	-7,559	-7,409	-7,504	-8,000	-7,891	-7,184	-7,485	-7,517	-8,205	562	-988	-4,371	-7,296	-7,010	-7,227	-7,795	-7,621	-6,979	-7,274	-7,220	-7,871
Intra South America	International	-161	-31	-834	-1,595	-1,631	-1,574	-1,816	-1,749	-1,603	-1,356	-1,270	-1,296	-164	28	-768	-1,435	-1,442	-1,372	-1,689	-1,494	-1,373	-1,310	-1,304	-1,368
Latin America/Caribbean - China	International	0	0	0	0	0	0	0	0	0	-5	-8	-4	-5	-7	-8	-9	-9	-9	-8	-8	-8	-7	-8	-6
Latin America/Caribbean - North Asia & Pacific South East Asia	International	2	-4	-27	-65	-68	-68	-72	-69	-66	-55	-58	-71	2	-4	-28	-59	-59	-58	-65	-61	-57	-59	-60	-70
Middle East	Domestic	-115	128	-1,597	-3,353	-3,240	-2,792	-2,856	-2,654	-2,151	-1,564	-1,327	-1,462	-343	30	-1,831	-3,369	-3,256	-2,808	-2,873	-2,672	-2,166	-1,889	-1,648	-1,717
Middle East - North America	International	54	12	-300	-729	-719	-715	-782	-775	-631	-557	-549	-621	71	37	-285	-705	-679	-700	-772	-751	-612	-570	-541	-597
Middle East - North Asia & Pacific South East Asia	International	84	-87	-1,111	-2,231	-2,042	-1,940	-2,047	-2,077	-1,791	-1,844	-1,810	-2,096	98	20	-1,080	-2,082	-1,765	-1,782	-2,008	-2,021	-1,720	-1,795	-1,823	-2,088
Middle East - South West Asia	International	23	-342	-2,620	-4,759	-4,524	-4,284	-4,417	-4,455	-3,850	-3,817	-3,800	-3,998	286	84	-2,294	-4,346	-4,017	-3,897	-4,103	-4,223	-3,641	-3,590	-3,494	-3,643
North America	Domestic	2,855	2,299	-36,263	-68,107	-67,926	-64,227	-60,878	-53,472	-45,688	-44,294	-39,136	-46,763	4,448	5,665	-34,681	-65,198	-64,327	-59,496	-54,969	-50,265	-41,298	-41,904	-37,597	-43,687
North America - North Asia	International	82	-109	-623	-1,320	-1,387	-1,390	-1,413	-1,418	-1,267	-1,200	-1,073	-1,207	95	-81	-618	-1,263	-1,298	-1,298	-1,333	-1,347	-1,203	-1,207	-1,078	-1,180
North America - Pacific South East Asia	International	45	-63	-293	-634	-641	-644	-690	-649	-605	-622	-574	-711	73	-13	-279	-625	-623	-642	-678	-644	-580	-601	-580	-699
North America - South America	International	47	7	-613	-1,242	-1,305	-1,341	-1,443	-1,396	-1,170	-914	-748	-835	-107	-56	-705	-1,228	-1,266	-1,263	-1,330	-1,296	-1,098	-1,022	-889	-986
North America - South West Asia	International	4	-13	-93	-181	-176	-180	-179	-157	-135	-115	-117	-138	34	18	-59	-124	-119	-122	-88	-69	-79	-104	-107	-118
North Asia	Domestic	210	-1,056	-6,777	-9,069	-9,925	-7,536	-6,969	-8,561	-7,211	-5,804	-4,870	-5,822	502	-568	-6,649	-8,965	-9,557	-7,318	-6,707	-8,482	-6,971	-5,458	-4,510	-5,594
North Asia - Pacific South East Asia	International	8	-1,012	-3,350	-3,848	-3,806	-3,725	-3,993	-4,701	-3,640	-4,433	-4,517	-5,197	673	-344	-2,952	-3,785	-3,709	-3,681	-3,927	-4,140	-3,639	-3,831	-3,901	-4,373
Pacific South East Asia	Domestic	-786	-2,279	-11,446	-24,661	-23,087	-21,457	-21,679	-23,446	-19,695	-15,935	-15,526	-14,976	691	-321	-10,010	-23,264	-21,551	-20,281	-19,644	-21,198	-17,380	-16,498	-15,399	-14,601
South America	Domestic	471	15	-6,153	-13,280	-13,651	-13,034	-14,018	-12,284	-10,267	-8,806	-6,460	-6,139	796	641	-5,174	-12,448	-12,652	-11,712	-13,226	-11,519	-9,653	-8,397	-6,149	-5,906
South West Asia	Domestic	-758	-306	-5,166	-13,140	-13,707	-11,926	-11,384	-10,391	-8,168	-7,599	-7,900	-7,037	40	434	-4,402	-12,408	-12,916	-11,141	-10,587	-9,618	-7,420	-6,914	-7,060	-6,221
Domestic		-5,937	-47,430	-118,454	-192,778	-186,561	-166,987	-151,936	-133,917	-111,200	-101,949	-95,595	-103,327	2,221	-35,393	-110,817	-186,575	-179,094	-158,554	-142,062	-127,058	-102,759	-96,001	-90,692	-96,210
International		1,092	-20,347	-88,841	-155,108	-156,894	-166,425	-166,311	-159,111	-142,582	-137,531	-121,812	-129,533	5,782	-12,309	-83,396	-149,319	-151,466	-159,440	-159,657	-152,577	-137,171	-134,106	-118,509	-123,494
Total		-4,844	-67,777	-207,295	-347,886	-343,455	-333,412	-318,247	-293,028	-253,782	-239,480	-217,407	-232,860	8,003	-47,702	-194,213	-335,894	-330,560	-317,994	-301,718	-279,635	-239,930	-230,107	-209,201	-219,705

Estimated results by route group for Year 2020: Passenger revenues

Route Group	DOM/INT	Gross revenue (USD, million, compared to Baseline)												Gross revenue (USD, million, compared to 2019)									
		Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20
Africa	Domestic	-19	-23	-146	-312	-281	-286	-286	-260	-249	-216	-212	-183	-4	-2	-133	-305	-271	-275	-278	-259	-244	-207	-197	-160
Africa - Asia/Pacific	International	11	-52	-114	-200	-189	-192	-202	-202	-183	-180	-193	-207	34	-18	-87	-177	-170	-177	-192	-194	-177	-172	-174	-188
Africa - Middle East	International	-11	-40	-354	-570	-557	-589	-603	-650	-481	-371	-398	-463	59	34	-288	-518	-509	-565	-588	-648	-440	-346	-344	-400
Africa - North America	International	-11	-11	-57	-137	-136	-172	-194	-203	-152	-115	-94	-130	13	17	-33	-121	-117	-154	-176	-181	-132	-97	-82	-99
Africa & Middle East - Central America/Caribbean	International	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Africa & Middle East - South America	International	2	0	-18	-48	-47	-45	-47	-47	-39	-35	-35	-40	-1	0	-20	-41	-39	-41	-44	-44	-38	-37	-38	-43
Central America/Caribbean	Domestic	-6	-11	-125	-329	-340	-295	-265	-191	-123	-136	-117	-121	32	32	-90	-306	-319	-273	-248	-190	-101	-97	-83	-84
Central America/Caribbean - Europe	International	13	-1	-179	-485	-406	-416	-450	-430	-350	-314	-379	-384	11	10	-192	-466	-392	-402	-424	-407	-345	-321	-380	-368
Central America/Caribbean - North America	International	44	-2	-577	-1,211	-1,117	-1,150	-1,149	-1,012	-704	-633	-669	-802	20	24	-611	-1,196	-1,087	-1,145	-1,131	-1,001	-678	-654	-694	-820
Central America/Caribbean - South America	International	8	4	-84	-217	-228	-218	-228	-220	-211	-195	-182	-177	3	0	-92	-204	-215	-206	-223	-215	-202	-197	-181	-178
China	Domestic	-741	-4,103	-3,261	-2,718	-2,090	-1,634	-1,327	-940	-376	-254	-298	-524	-430	-3,730	-3,020	-2,733	-2,105	-1,649	-1,343	-956	-390	-15	-146	-320
China - Europe	International	20	-293	-468	-608	-612	-637	-755	-752	-678	-645	-535	-541	29	-255	-435	-603	-613	-654	-713	-720	-644	-618	-512	-523
China - Middle East	International	9	-72	-113	-143	-137	-132	-141	-141	-134	-131	-131	-141	11	-72	-112	-140	-132	-129	-144	-144	-130	-130	-128	-136
China - North America	International	7	-284	-444	-615	-625	-642	-655	-682	-581	-555	-492	-577	-33	-304	-500	-632	-642	-660	-674	-701	-594	-597	-529	-601
China & South West Asia - North Asia	International	-7	-606	-1,046	-1,040	-1,029	-1,060	-1,135	-1,138	-1,020	-1,207	-1,269	-1,366	221	-409	-873	-993	-992	-1,001	-1,069	-1,085	-991	-1,052	-1,072	-1,156
China & South West Asia - Pacific South East Asia	International	-49	-1,188	-1,722	-1,960	-1,926	-1,954	-2,044	-2,116	-1,861	-2,031	-2,038	-2,223	145	-1,117	-1,668	-1,957	-1,912	-1,940	-2,043	-2,085	-1,860	-1,959	-1,919	-2,119
Europe	Domestic	64	8	-928	-1,889	-1,978	-1,701	-1,041	-592	-777	-899	-1,083	-958	43	7	-955	-1,886	-1,981	-1,704	-1,044	-595	-780	-923	-1,104	-989
Europe - Middle East	International	78	-12	-719	-1,344	-1,242	-1,307	-1,545	-1,565	-1,194	-1,208	-1,128	-1,203	121	55	-696	-1,295	-1,112	-1,320	-1,506	-1,551	-1,215	-1,158	-1,090	-1,160
Europe - North Africa	International	19	-8	-259	-585	-462	-635	-618	-610	-535	-468	-412	-404	30	25	-255	-532	-448	-548	-567	-565	-503	-456	-406	-391
Europe - North America	International	109	9	-985	-2,281	-2,669	-2,948	-3,082	-3,007	-2,652	-2,175	-1,556	-1,616	53	36	-994	-2,242	-2,609	-2,894	-3,024	-2,947	-2,576	-2,238	-1,606	-1,671
Europe - North Asia	International	30	-26	-259	-506	-518	-532	-565	-565	-522	-484	-388	-384	34	-10	-246	-476	-492	-509	-522	-521	-477	-461	-380	-379
Europe - Pacific South East Asia	International	-11	-76	-288	-703	-635	-625	-675	-674	-588	-697	-806	-881	60	-23	-333	-682	-613	-602	-652	-653	-592	-652	-730	-788
Europe - South America	International	-14	-28	-241	-482	-483	-486	-506	-494	-445	-476	-412	-423	5	-1	-233	-465	-470	-472	-488	-472	-420	-410	-383	-366
Europe - South West Asia	International	18	-19	-261	-488	-479	-503	-524	-498	-423	-404	-394	-391	-36	-51	-318	-484	-447	-455	-483	-465	-396	-414	-424	-430
Europe - Sub Saharan Africa	International	17	-19	-315	-663	-637	-641	-675	-636	-544	-507	-532	-512	21	13	-308	-661	-610	-623	-665	-629	-531	-503	-539	-510
Intra Africa	International	-31	-44	-168	-302	-297	-297	-322	-321	-276	-240	-226	-233	5	-2	-129	-272	-256	-266	-288	-286	-246	-207	-191	-191

ICAO UNITING AVIATION

Estimated results by route group for Year 2020: Passenger revenues

Route Group	DOM/INT	Gross revenue (USD, million, compared to Baseline)												Gross revenue (USD, million, compared to 2019)											
		Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20
Intra Central America/Caribbean	International	7	0	-48	-106	-112	-104	-106	-104	-98	-94	-93	-85	6	3	-50	-106	-112	-104	-109	-107	-97	-96	-89	-83
Intra China & South West Asia	International	-61	-381	-506	-580	-568	-576	-613	-628	-528	-536	-493	-515	-12	-331	-454	-515	-495	-508	-536	-551	-468	-485	-461	-486
Intra Europe	International	27	-216	-2,921	-5,940	-6,363	-6,991	-6,354	-5,608	-5,575	-5,261	-4,072	-4,166	108	89	-2,606	-5,731	-6,319	-6,672	-6,080	-5,380	-5,362	-5,219	-4,040	-3,940
Intra Middle East	International	8	-20	-303	-422	-387	-422	-449	-476	-378	-343	-296	-362	23	1	-286	-400	-342	-401	-427	-458	-359	-336	-311	-348
Intra North America	International	13	0	-165	-362	-351	-383	-405	-404	-343	-341	-311	-326	-13	-12	-193	-364	-356	-375	-395	-399	-339	-346	-318	-345
Intra North Asia	International	-1	-12	-57	-89	-89	-90	-99	-96	-72	-44	-34	-42	-32	-38	-86	-91	-91	-92	-99	-93	-65	-59	-54	-63
Intra Pacific South East Asia	International	-6	-225	-715	-1,142	-1,120	-1,134	-1,209	-1,192	-1,086	-1,131	-1,136	-1,240	85	-149	-661	-1,103	-1,059	-1,092	-1,178	-1,152	-1,055	-1,099	-1,091	-1,189
Intra South America	International	-28	-5	-147	-281	-288	-277	-320	-308	-283	-239	-224	-229	-29	5	-135	-253	-254	-242	-298	-263	-242	-231	-230	-241
Latin America/Caribbean - China	International	0	0	0	0	0	0	0	0	0	-4	-6	-3	-4	-6	-6	-7	-7	-7	-6	-6	-6	-6	-6	-4
Latin America/Caribbean - North Asia & Pacific South East Asia	International	1	-3	-18	-44	-47	-47	-50	-47	-46	-38	-40	-49	1	-3	-19	-41	-40	-40	-44	-42	-39	-41	-41	-48
Middle East	Domestic	-11	12	-151	-317	-306	-264	-270	-251	-203	-148	-125	-138	-32	3	-173	-318	-308	-265	-272	-252	-205	-179	-156	-162
Middle East - North America	International	26	6	-145	-352	-347	-345	-377	-374	-305	-269	-265	-299	34	18	-138	-340	-328	-338	-372	-363	-295	-275	-261	-288
Middle East - North Asia & Pacific South East Asia	International	23	-24	-302	-606	-555	-527	-556	-564	-487	-501	-492	-570	27	6	-294	-566	-480	-484	-546	-549	-467	-488	-495	-568
Middle East - South West Asia	International	4	-55	-420	-763	-725	-687	-708	-714	-617	-612	-609	-641	46	13	-368	-697	-644	-625	-658	-677	-584	-575	-560	-584
North America	Domestic	336	271	-4,273	-8,026	-8,004	-7,569	-7,174	-6,301	-5,384	-5,220	-4,612	-5,511	524	668	-4,087	-7,683	-7,580	-7,011	-6,478	-5,923	-4,867	-4,938	-4,430	-5,148
North America - North Asia	International	26	-35	-199	-423	-444	-445	-452	-454	-405	-384	-344	-386	30	-26	-198	-404	-416	-416	-427	-431	-385	-386	-345	-378
North America - Pacific South East Asia	International	37	-51	-237	-513	-519	-521	-559	-526	-490	-504	-464	-576	59	-11	-226	-506	-504	-520	-549	-521	-469	-486	-469	-566
North America - South America	International	19	3	-245	-497	-522	-536	-577	-558	-468	-365	-299	-334	-43	-23	-282	-491	-506	-505	-532	-518	-439	-409	-356	-395
North America - South West Asia	International	3	-10	-69	-136	-132	-135	-134	-118	-101	-86	-87	-104	26	13	-44	-93	-89	-91	-66	-52	-59	-78	-80	-88
North Asia	Domestic	11	-54	-344	-460	-504	-382	-354	-434	-366	-295	-247	-295	25	-29	-337	-455	-485	-371	-340	-430	-354	-277	-229	-284
North Asia - Pacific South East Asia	International	2	-265	-879	-1,009	-998	-977	-1,047	-1,233	-955	-1,162	-1,184	-1,363	177	-90	-774	-993	-973	-965	-1,030	-1,086	-954	-1,004	-1,023	-1,147
Pacific South East Asia	Domestic	-49	-142	-712	-1,534	-1,436	-1,335	-1,348	-1,458	-1,225	-991	-966	-932	43	-20	-623	-1,447	-1,341	-1,261	-1,222	-1,318	-1,081	-1,026	-958	-908
South America	Domestic	40	1	-527	-1,138	-1,169	-1,116	-1,201	-1,052	-879	-754	-553	-526	68	55	-443	-1,066	-1,084	-1,003	-1,133	-987	-827	-719	-527	-506
South West Asia	Domestic	-47	-19	-321	-817	-853	-742	-708	-646	-508	-473	-491	-438	3	27	-274	-772	-803	-693	-658	-598	-462	-430	-439	-387
Domestic		-422	-4,059	-10,789	-17,540	-16,961	-15,324	-13,974	-12,127	-10,090	-9,385	-8,704	-9,625	272	-2,989	-10,134	-16,972	-16,276	-14,506	-13,016	-11,511	-9,309	-8,810	-8,269	-8,949
International		350	-4,060	-16,049	-27,852	-27,995	-29,378	-30,130	-29,369	-25,813	-24,989	-22,717	-24,387	1,294	-2,590	-15,242	-26,859	-26,894	-28,240	-28,968	-28,164	-24,869	-24,297	-22,033	-23,277
Total		-72	-8,119	-26,838	-45,392	-44,956	-44,702	-44,103	-41,496	-35,904	-34,374	-31,422	-34,013	1,566	-5,579	-25,376	-43,831	-43,170	-42,746	-41,984	-39,675	-34,179	-33,107	-30,302	-32,226

Source: ICAO estimates based on ICAO ADS-B, OAG, ICAO-ICM MIDT, ICAO LTF, ICAO Statistics, IATA Economics, and IMF/World Bank Economic Outlook

Appendix D: Summary of Analysis by Other Organizations

ACI: Airport lost USD 125 billion gross revenues in 2020

Region	**Passenger number** - interntional and domestic				**Airport revenue** - aeronautical and non-aeronautical			
	million and % change from "business as usual" baseline scenario				USD billion and % change from "business as usual" baseline scenario			
	2020		2021		2020		2021	
Africa	-165	-67.6%	-147	-55.8%	-2.670	-67.6%	-2.378	-55.8%
Asia/Pacific	-2,148	-61.3%	-1,474	-40.3%	-36.206	-61.3%	-24.837	-40.3%
Europe	-1,764	-70.5%	-1,490	-58.1%	-44.368	-70.5%	-37.486	-58.1%
Latin America/Caribbean	-433	-61.1%	-360	-48.8%	-7.090	-61.1%	-5.889	-48.8%
Middle East	-304	-70.5%	-267	-58.9%	-10.762	-70.5%	-9.444	-58.9%
North America	-1,307	-62.5%	-936	-43.5%	-23.723	-67.0%	-14.071	-47.2%
Total	**-6,121**	**-64.6%**	**-4,673**	**-47.5%**	**-124.820**	**-66.3%**	**-94.106**	**-50.0%**

https://aci.aero/wp-content/uploads/2021/03/210325-Econ-Impact-and-Recovery-Analysis-Bulletin-FINAL.pdf

Source: ACI Advisory Bulletin – The Impact of COVID-19 on the Airport Business (dated 25 March 2021)

IATA: Airlines would lose USD 126.4 billion net profits in 2020

IATA's estimates are based on "region of airline registration" while ICAO uses "all traffic from States in each region" for the regional break-down.

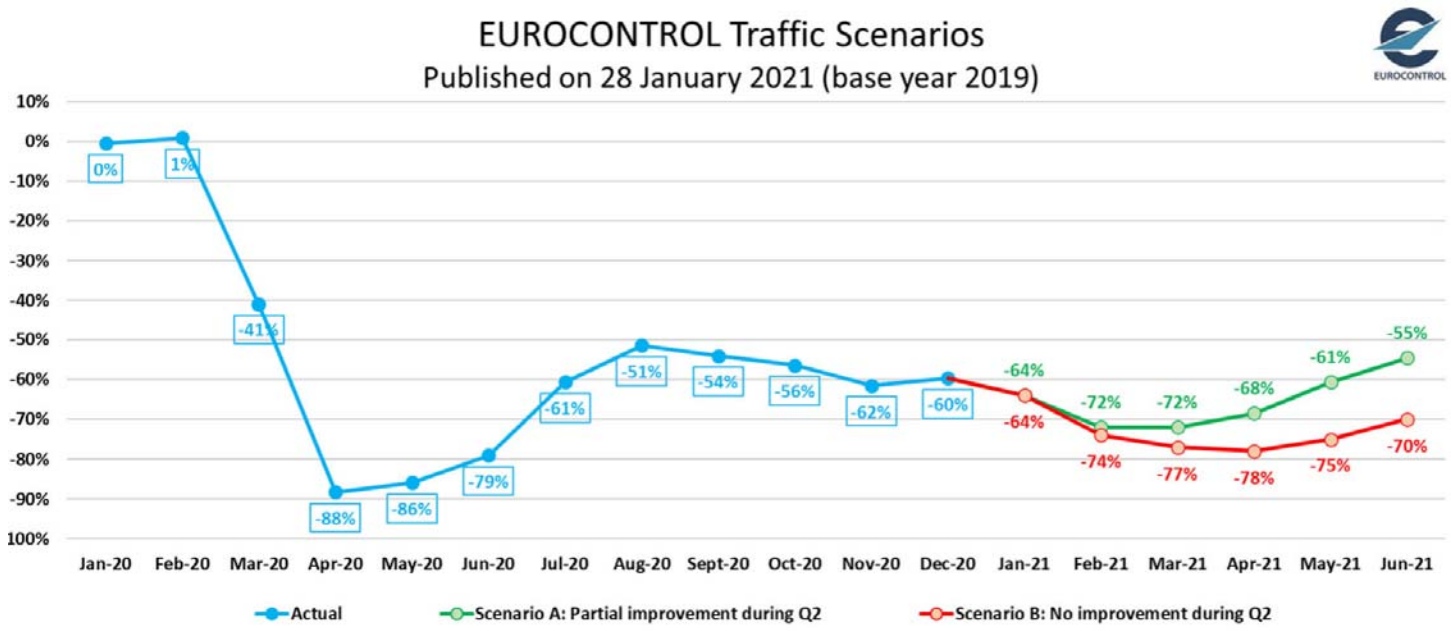
IATA updated its estimated loss of gross passenger revenues from **USD 371 billion to USD 421 billion** (USD 510 billion including passengers, cargo and others) but no regional break-down was released.

Region of airline registration	**Revenue Passenger Kilometres (RPKs)** - interntional and domestic (vs 2019)		**Net profit** (USD billion)	
	2020	2021	2020	2021
Africa	-68.9%	-64.5%	-2.0	-1.7
Asia/Pacific	-62.0%	-57.8%	-35.0	-10.5
Europe	-69.9%	-66.3%	-34.5	-22.2
Latin America/Caribbean	-62.1%	-48.9%	-11.9	-4.0
Middle East	-72.1%	-67.6%	-7.9	-4.2
North America	-65.2%	-41.5%	-35.1	-5.0
Total	**-65.9%**	**-57.0%**	**-126.4**	**-47.7**

https://www.iata.org/en/iata-repository/publications/economic-reports/airline-industry-economic-performance---april-2021---data-tables/

Source: IATA Airline Industry Economic Performance - April 2021 - Data tables (dated 21 April 2021)

EUOCONTROL: A loss of € 140 billion for airlines, airports and ANSPs in Europe in 2020

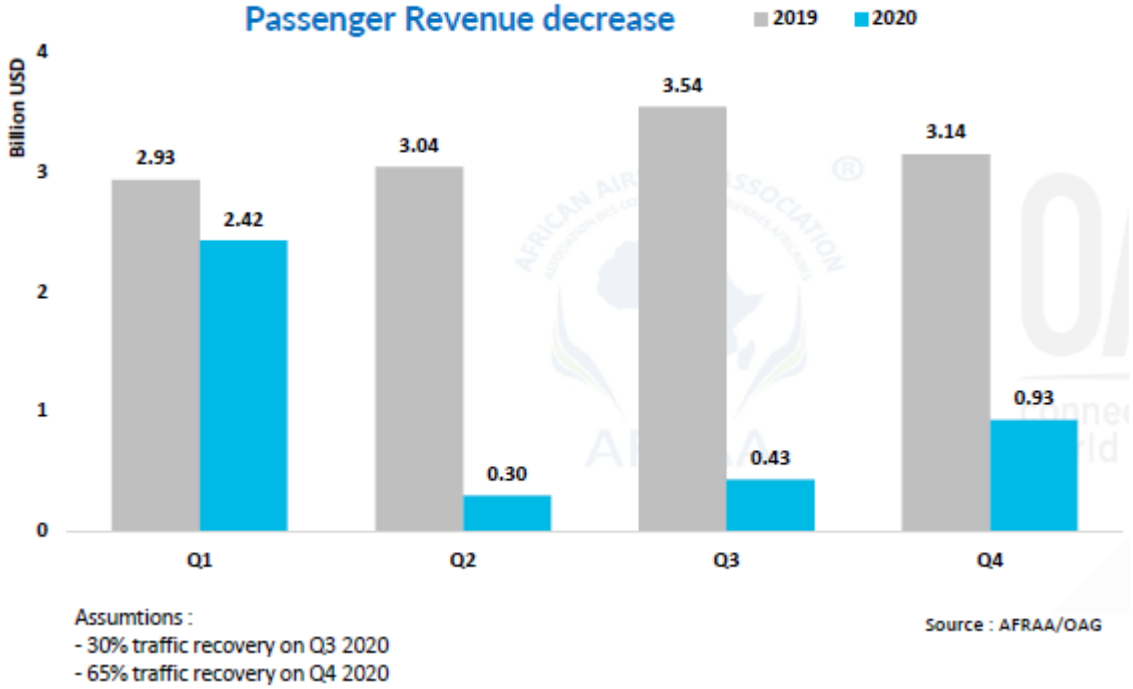


The total number of flights expected in Europe is anticipated to be 55% lower than in 2019, a drop of 6 million fewer flights.

https://www.eurocontrol.int/publication/eurocontrol-draft-traffic-scenarios-january-2021-june-2021

Source: EUROCONTROL issues new Draft traffic scenarios (dated 28 January 2021)

AFRAA: African Airlines would lose USD 8.56 billion passenger revenues in 2020

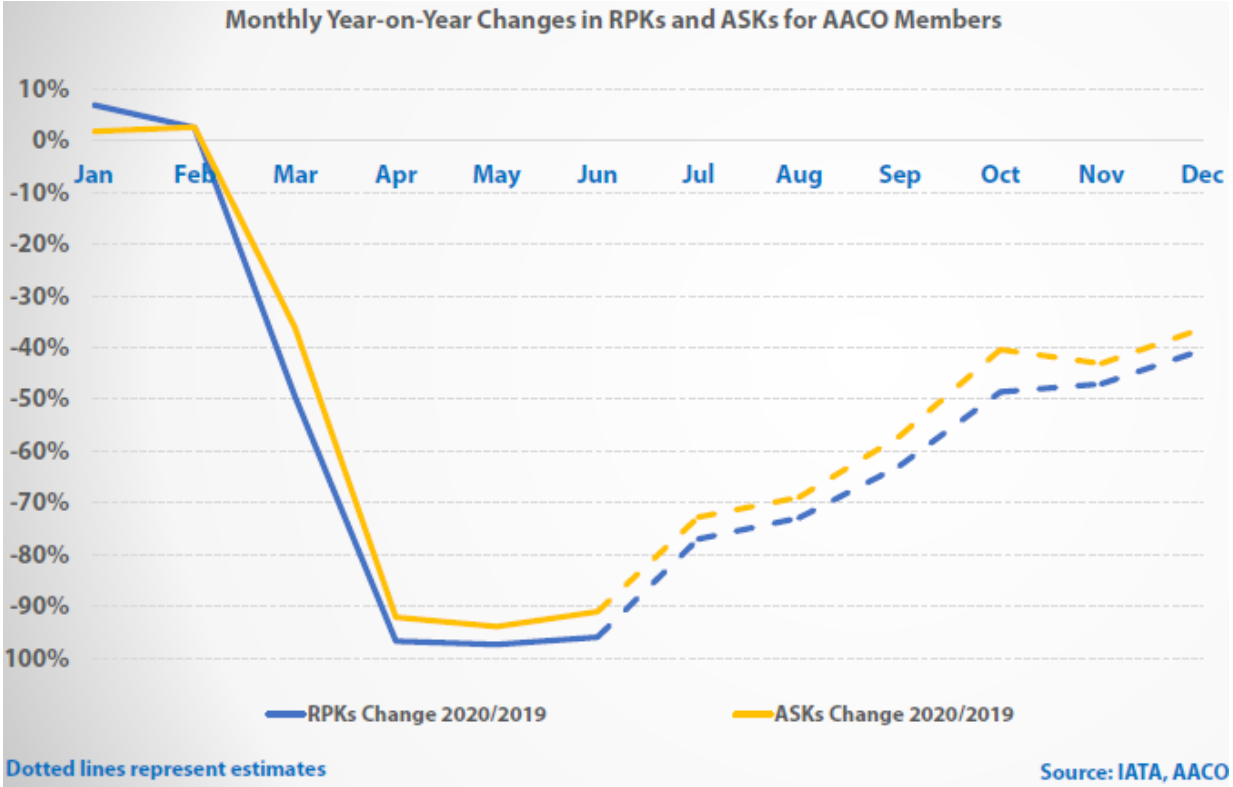


AFRAA's estimates (USD 8.56 billion loss) is greater than IATA's estimates (USD 6 billion loss). Both estimates are for airlines registered in Africa.

https://afraa.org/wp-content/uploads/2020/07/AFRAA-COVID-19-Impact-Assessment-release-date-13-July-2020.pdf

Source: AFRAA COVID-19 Impact Assessment (dated 13 July 2020)

AACO: 57% decline of Arab Airlines' passenger traffic in 2020

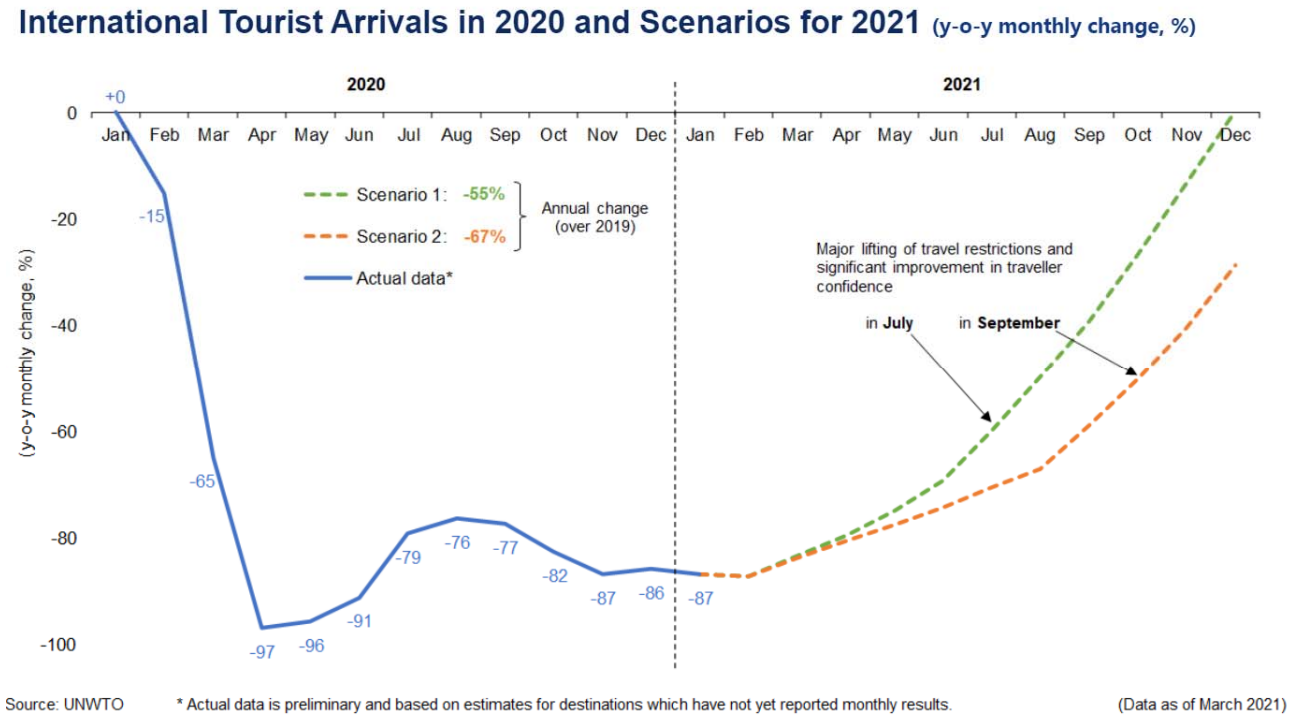


Total year's decline in RPKs and ASKs for AACO members is forecasted to reach 57.1% and 34.0%, respectively, in 2020 compared to 2019.

https://aaco.org/media-center/covid-19

Source: AACO State of Affairs of Travel & Tourism and What is Needed for a Smooth Recovery (dated 31 August 2020)

UNWTO: A loss of USD 1.3 trillion in international tourism receipts in 2020



Global tourism suffered its worst year on record in 2020, with international arrivals dropping by 74%

https://www.unwto.org/international-tourism-and-covid-19

Source: UNWTO news release (dated 28 January 2021)

UNCTAD: USD 1.2 to 3.3 trillion global GDP loss in 2020 due to the break in international tourism

Loss of 1.5%, 2.8% and 4.2% of world's GDP, respectively

1 **Moderate**

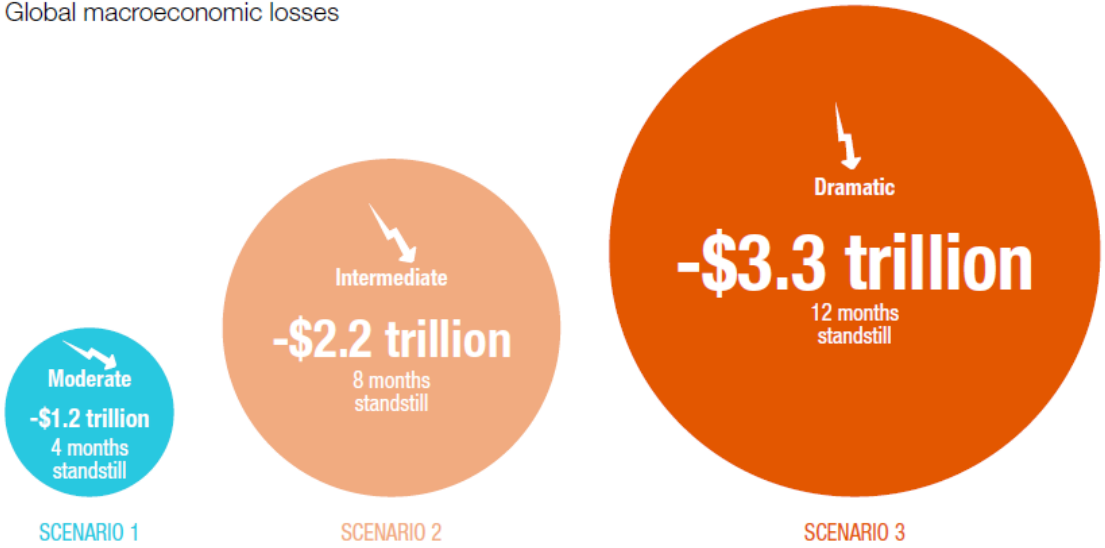
1/3 of annual inbound tourism expenditure is removed in each country.
This is equivalent to 4 months standstill of international tourism or a
80% for 5 months.

2 **Intermediate**

2/3 of inbound tourism expenditure are removed in each country.
This is equivalent to 8 months standstill of international tourism or a
80% for 10 months.

3 **Dramatic**

All annual inbound tourism expenditure is removed in each country.
This is equivalent to almost
12 months standstill of international tourism.



https://unctad.org/en/pages/PublicationWebflyer.aspx?publicationid=2810

Source: UNCTAD COVID-19 and Tourism: Assessing the Economic Consequences (July 2020)

WTTC: A loss of 197 million jobs in travel and tourism sector in 2020

2020 forecasts – COVID-19 impact on travel and tourism sector

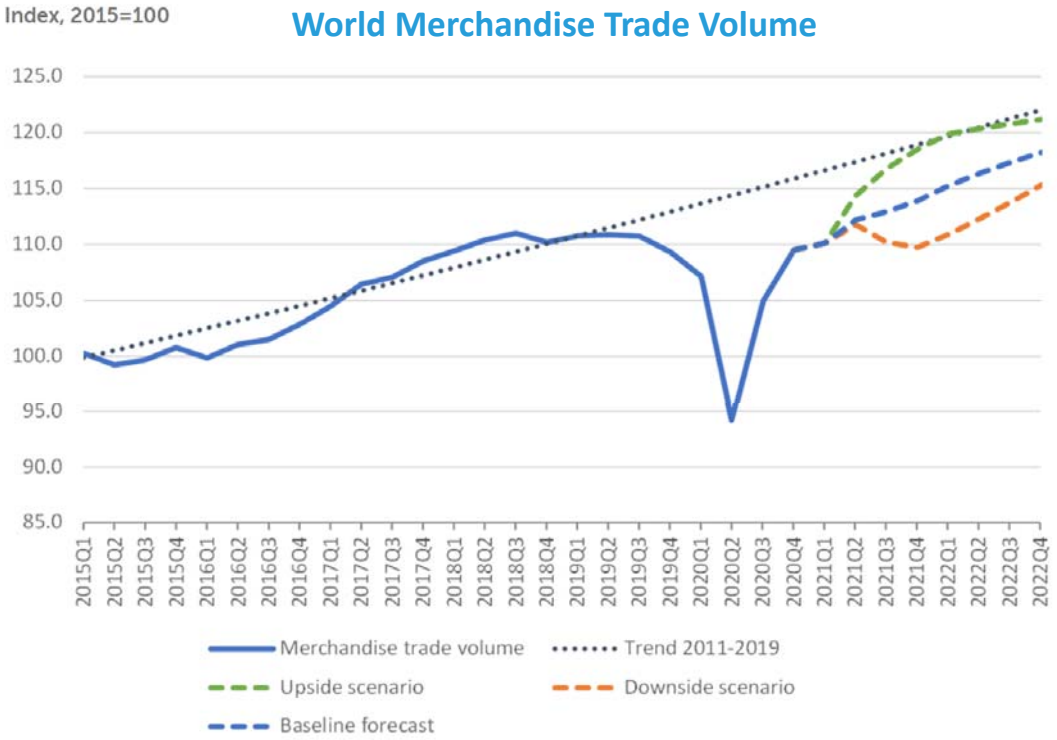
Region	**Total Job Loss** (million)			**Total GDP Loss** (USD billion*)		
	Best-Case	Baseline	Worst-Case	Best-Case	Baseline	Worst-Case
Africa	-7.6	-10.9	-17.4	-53	-75	-120
Asia/Pacific	-59.7	-69.3	-115.0	-980	-1,137	-1,888
Europe	-14.2	-18.4	-29.5	-771	-1,000	-1,608
Latin America/Caribbean	-5.9	-7.7	-12.4	-111	-143	-229
Middle East	-2.7	-3.4	-4.9	-99	-125	-179
North America	-8.1	-11.4	-18.2	-673	-955	-1,520
Total	**-98.2**	**-121.1**	**-197.5**	**-2,686**	**-3,435**	**-5,543**

Worst-case scenario: Current restrictions starting to ease from September for short-haul and regional travel, from October for mid-haul and from November for long-haul. **Baseline scenario**: Current restrictions starting to ease from June for regional travel, July for short-haul or regional travel; from August for mid-haul, and from September for long-haul. **Best-case scenario**: Current measures starting to ease from June for short-haul and regional travel; from July for mid-haul and from August for long-haul. * based on 2019 prices and exchange rates.

https://wttc.org/News-Article/More-than-197m-Travel-Tourism-jobs-will-be-lost-due-to-prolonged-travel-restrictions

Source: WTTC news release (dated 10 June 2020)

WTO: Global trade falling by 5.3% in 2020



Sources: WTO and UNCTAD for trade volume data; WTO for forecasts.

- **World merchandise trade volume is expected to increase by 8.0% in 2021** after falling 5.3% in 2020, a smaller decline than previously estimated.
- **Trade growth will likely slow to 4.0% in 2022,** with the total volume of global trade remaining below the pre-pandemic trend.
- **Merchandise trade in nominal dollar terms fell in 2020 by 7%** while commercial services exports declined by 20%.
- **Falling oil prices led to a 35%** contraction in trade in fuels in 2020.
- **Travel services were down 63% in 2020** and are not expected to fully recover until the pandemic wanes.

https://www.wto.org/english/news_e/pres21_e/pr876_e.htm

Source: WTO news release (dated 31 March 2021)

IMF & World Bank: Global economy contracted by -3.3% to -4.3% in 2020

Global prospects remain highly uncertain one year into the pandemic

Real GDP (Percent change from previous year)	IMF			World Bank		
	2019	2020	2021	2019	2020	2021
World	2.8	-3.3	6.0	2.3	-4.3	4.0
Advanced economies	1.6	-4.7	5.1	1.6	-5.4	3.3
United States	2.2	-3.5	6.4	2.2	-3.6	3.5
Euro Area	1.3	-6.6	4.4	1.3	-7.4	3.6
Japan	0.3	-4.8	3.3	0.3	-5.3	2.5
Emerging market and developing economies	3.6	-2.2	6.7	3.6	-2.6	5.0
Emerging and Developing Asia	5.3	-1.0	8.6			
East Asia and Pacific				5.8	0.9	7.4
China	5.8	2.3	8.4	6.1	2.0	7.9
South Asia				4.4	-6.7	3.3
India	4.0	-8.0	12.5	4.2	-9.6	5.4
Emerging and Developing Europe	2.4	-2.0	4.4			
Europe and Central Asia				2.3	-2.9	3.3
Russia	2.0	-3.1	3.8	1.3	-4.0	2.6

Real GDP (Percent change from previous year)	IMF			World Bank		
	2019	2020	2021	2019	2020	2021
Emerging market and developing economies						
Middle East and Central Asia	1.4	-2.9	3.7			
Middle East and North Africa				0.1	-5.0	2.1
Saudi Arabia	0.3	-4.1	2.9	0.3	-5.4	2.0
Sub-Saharan Africa	3.2	-1.9	3.4	2.4	-3.7	2.7
Nigeria	2.2	-1.8	2.5	2.2	-4.1	1.1
South Africa	0.2	-7.0	3.1	0.2	-7.8	3.3
Latin America and the Caribbean	0.2	-7.0	4.6	1.0	-6.9	3.7
Brazil	1.4	-4.1	3.7	1.4	-4.5	3.0
Mexico	-0.1	-8.2	5.0	-0.1	-9.0	3.7
High-income countries				1.6	-5.4	3.2
Developing countries				3.7	-2.3	5.2
Low-income countries	5.3	0.0	4.3	4.0	-0.9	3.3

* IMF and World Bank use different Region/State classification; 2020 estimates; and 2021 projections

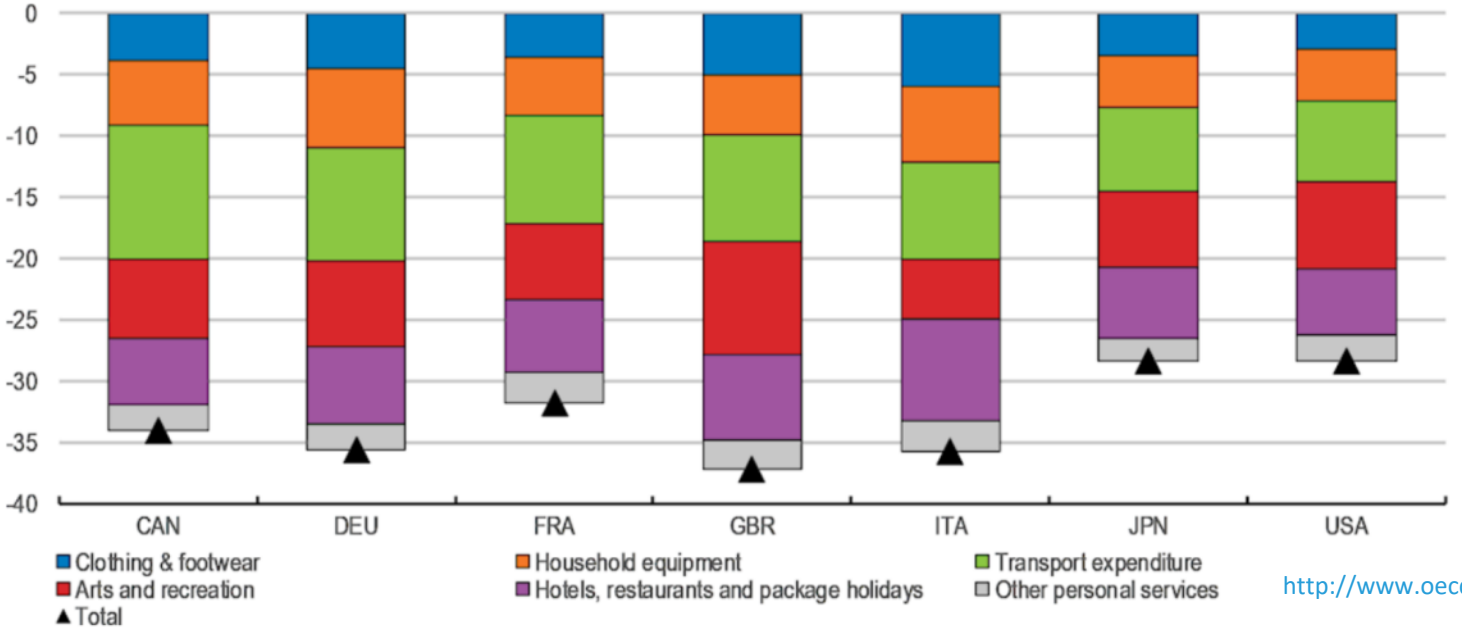
https://www.imf.org/en/Publications/WEO/Issues/2021/03/23/world-economic-outlook-april-2021
https://www.worldbank.org/en/publication/global-economic-prospects

Source: IMF and World Bank Word Economic Outlook (April and January 2021)

OECD: Sharp decrease in consumers' expenditures for air travel due to containment measures

The potential initial impact of partial or complete shutdowns on private consumption in the G7 economies

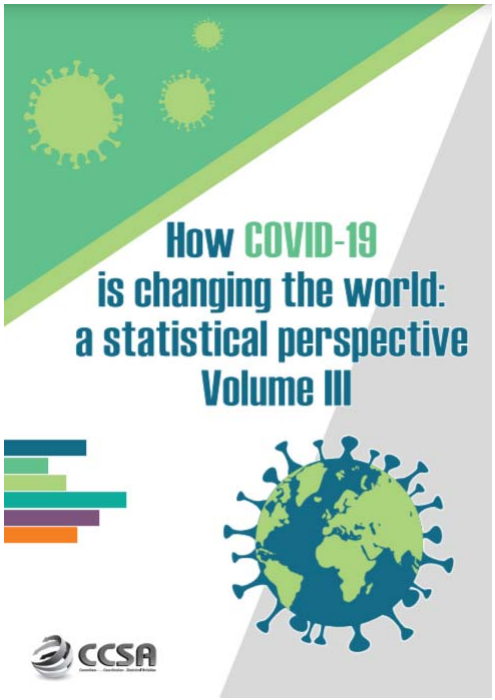
Per cent of total consumers' expenditure



http://www.oecd.org/coronavirus/en/

Source: OECD Evaluating the Initial Impact of Containment Measures (updated 14 April 2020)

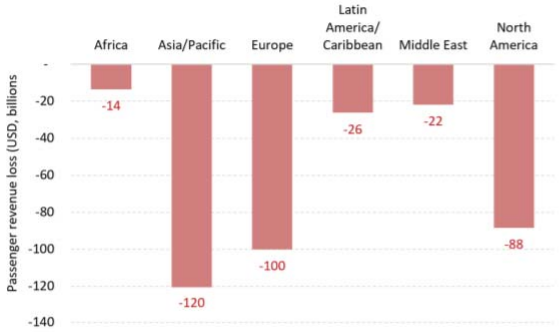
CCSA: Compilation of economic, social, regional and statistical impacts



2020 passenger totals drop 60 percent as COVID-19 assault on air travel continues

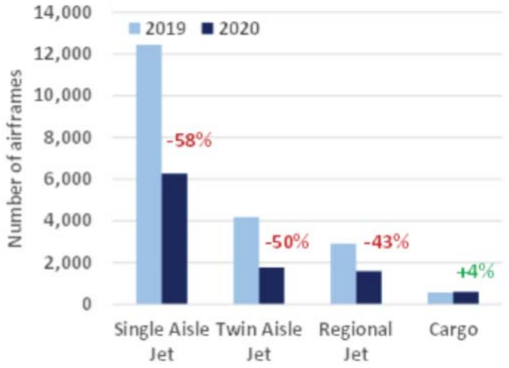
Aviation has been in its gravest moment in history with collapse in air travel demand globally. Its recovery has been vulnerable and volatile, severely hampered by the resurgence of outbreak across regions alongside stricter travel restrictions.

Figure 3. Airline passenger revenue losses by region



Source: ICAO economic impact analysis

Figure 4. Active fleet by average aircraft utilization



Source: ICAO ADS-B operational data

https://unstats.un.org/unsd/ccsa/pubs/

Source: CCSA How Covid-19 Is Changing the World: A Statistical Perspective Volume III (dated 31 March 2021)

ICAO UNITING AVIATION

Contact: Economic Development ECD@icao.int

ICAO



https://www.icao.int/sustainability/Pages/COVID-19-Air-Traffic-Dashboard.aspx

https://www.icao.int/Newsroom/Pages/2020-passenger-totals-drop-60-percent-as-COVID19-assault-on-international-mobility-continues.aspx

https://www.icao.int/sustainability/Pages/Economic-Impacts-of-COVID-19.aspx

https://www.icao.int/sustainability/Pages/Air-Traffic-Monitor.aspx

https://www.icao.int/sustainability/Pages/Economic-and-financial-measures.aspx