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26.03.2021

Konu : ICS COVID-19 Güncel Duyurusu

Sirküler No: 355

Sayın Üyemiz,

Uluslararası Deniz Ticaret Odası (International Chamber of Shipping-ICS) tarafından gönderilen 22 Mart 2021 tarihli ekte sunulan yazıda, Dünya Sağlık Örgütü'nün (World Health Organization-WHO) yayınladığı, 22 Mart 2021 tarihi itibarıyla bütün ülkelerden bildirilen "Yeni Koronavirüs" (COVID-19) akut solunum yolu hastalık vaka tablosunu içeren güncel istatistik bilgileri Odamıza iletilmiştir.

Bahse konu yazılarda Covid-19 vakalarının, hastaneye yatan hasta ve vefat sayılarının Avrupa ve Amerika'da önemli ölçüde artmaya devam ettiği, 21 Mart 2021 tarihi itibarıyla toplam 122.524.424 adet Covid-19 vakası tespit edildiği, birçok ülkenin halihazırda uygun test ekipmanına sahip olmadığı için tüm vakaların rapor edilemediği ve bu nedenle sayıların artacağı belirtilmekte olup, rapor tarihi itibarıyla en fazla Covid-19 vakası tespit edilen ilk 12 ülke, Covid-19 salgını vaka ve vefat sayılarının olduğu tablo ve ülkeler hakkında güncel bilgiler bulunmaktadır.

Ayrıca yazıda, Covid-19 salgınıyla mücadele kapsamında uygulanan iyi örnekler ile ülkeler tarafından sürdürülen aşı programları hakkındaki gelişmelere ait bilgilerin yanı sıra aşağıdaki konular da yer almaktadır:

- Uluslararası Sivil Havacılık Örgütü (International Civil Aviation Organization – ICAO) tarafından yayınlanan, 17.03.2021 tarihli Covid-19 Halk Sağlığı Krizinde Hava Yolculuğu Rehberi Ek-2'de yer almaktadır.
- ICAO tarafından yayınlanan, Covid-19 sebebiyle 16.03.2021 tarihi itibarıyla Avrupa ve Kuzey Atlantik Bölgeleri'nde (EUR/NAT) uygulanan kısıtlamalar hakkındaki bilgiler Ek-3'te yer almaktadır.
- Covid-19'un sivil havacılık sektörüne etkileri ve ekonomik etki analizi üzerine ICAO tarafından hazırlanan 17.03.2021 tarihli çalışma Ek-4'te sunulmaktadır.
- Dünya Sağlık Örgütü tarafından, Covid-19'a yönelik haftalık epidemiyolojik güncel bilgilerin yer aldığı 16.03.2021 tarihli bülten Ek-5'te ve operasyonel güncel bilgilerin yer aldığı 16.03.2021 tarihli bülten Ek-6'da yayımlanmıştır.

Bilgilerinize arz/rica ederim.

Saygılarımla,

Cengiz ÖZKAN
Genel Sekreter V.

Bu belge, 5070 sayılı Elektronik İmza Kanuna göre Güvenli Elektronik İmza ile İmzalanmıştır.



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**Ek:**

- 1- ICS'in 22.03.2021 Tarihli Yazısı (9 sayfa)
- 2- ICAO-Halk Sağlığı Krizinde Hava Yolculuğu Rehberi (73 sayfa)
- 3- EUR/NAT Bölgelerinde Uygulanan Kısıtlamalar (8 sayfa)
- 4- ICAO'nun 17.03.2021 Tarihli Çalışması (125 sayfa)
- 5- WHO'nun Epidemiyolojik Güncel Bülteni (27 sayfa)
- 6- WHO'nun Operasyonel Güncel Bülteni (18 sayfa)

Dağıtım:**Gereği:**

- Tüm Üyeler (WEB sayfası ve e-posta ile)
- İMEAK DTO Şube ve Temsilcilikleri
- Türk Armatörler Birliği
- S.S. Gemi Armatörleri Motorlu Taşıyıcılar Kooperatifi
- GİSBİR (Türkiye Gemi İnşa Sanayicileri Birliği Derneği)
- VDAD (Vapur Donatanları ve Acenteleri Derneği)
- TÜRKLİM (Türkiye Liman İşletmecileri Derneği)
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22 March 2021

COVID-19(21)18

**TO: LABOUR AFFAIRS COMMITTEE
ALL MEMBERS & ASSOCIATE MEMBERS
BIWEEKLY MEMBERS MEETING PARTICIPANTS
INTERNATIONAL ASSOCIATION GROUP PARTICIPANTS**

COVID-19 UPDATE AS OF 22 MARCH 2021

Action Required: *Members are invited to note:*

- *Information provided by WHO for 21 March 2021 and general epidemiological information on Covid 19 issued by WHO. Covid case numbers, hospital admissions and deaths continue to substantially increase across Europe and the Americas.*
- **122,524,424** Confirmed cases of COVID-19, **3,303,743** additional cases have been confirmed since last week's report **2.7%** last week. There were also **2,703,620** fatalities recorded which is **60,794** additional deaths **2.24%** growth last week. Many countries still cannot report all cases, so numbers will considerably increase. Currently **223** Countries, areas or territories have cases.
- **392,609,534** vaccination doses have been delivered according to WHO as at 19 March 2021 compared to **300,002 228** as at 10 March 2021.

Please find attached information that has recently been released:

- ICAO State Letter 21/21 Phase III ICAO Council Aviation Recovery Task Force (CART) High-Level Cover Document and Third Edition of Take-off: Guidance for Air Travel through the COVID-19 Public Health Crisis: 17 March 2021 Annex 1
- ICAO EUR/NAT Brief on Restrictions due to COVID-19: 16 March 2021 Annex 2
- ICAO Effects of Novel Coronavirus (COVID-19) on Civil Aviation: Economic Impact Analysis: 17 March 2021 Annex 3
- WHO Weekly Epidemiological Update: 16 March 2021 Annex 4
- WHO Weekly Operational Update: 16 March 2021 Annex 5
- ACI [Second edition of the ACI Aviation Business Restart and Recovery publication](#). 16 March 2021

SITUATION IN NUMBERS BY WHO REGION

Region	Cases	Deaths
Global	122,524,424	2,703,620
Africa	2,999,152	76,113
Americas	53,937,714	1,299,243
Eastern Mediterranean	7,123,963	153,419

Europe	42,504,449	929,199
South-East Asia	14,182,826	214,790
Western Pacific	1,775,575	30,843

TOP 12 COUNTRIES

1	USA	7	Italy
2	Brazil	8	Spain
3	India	9	Turkey
4	Russia	10	Germany
5	UK	11	Columbia
6	France	12	Argentina

	INCREASED CASES YESTERDAY	HIGH FATALITIES YESTERDAY
1	Brazil	Brazil
2	USA	USA
3	India	Mexico
4	France	Russian Federation
5	Poland	Italy
6	Italy	Poland
7	Turkey	South Africa
8	Germany	France
9	Ukraine	Ukraine
10	Hungary	Hungary
11	Czechia	Germany
12	Russian Federation	Czechia

Unvaccinated sailors risk deepening global supply chain crisis - Financial Times (22nd March 2021)

The international shipping industry is warning that unvaccinated seafarers threaten to tip the global supply chain into deeper crisis as countries introduce vaccine requirements at their borders. Of the world's 1.7m seafarers, 900,000 are from developing nations, where vaccines might not be available for all until 2024, according to the International Chamber of Shipping, a trade association.

Guy Platten, secretary-general of ICS, said it had received reports that three ports in China had prevented sailors from disembarking because they had not received a specific Covid-19 vaccine, foreshadowing a potential repeat of last year's welfare crisis for seafarers and the challenges to rebooting international travel. "If our workers can't pass through international borders, this will undoubtedly cause delays and disruptions in the supply chain," he said. "We're really scared seafarers will become collateral damage again."

Last June, 400,000 sailors, who have kept global trade flowing throughout the pandemic, were stranded on ships beyond their contract because of coronavirus-induced restrictions that prevented them from disembarking. Some have been stuck at sea for as long two years as a result of the pandemic. The situation had improved but with the emergence of new virus variants at the end of 2020, Platten said it "has undoubtedly got worse" and the number stands at about half of the peak.

Although the risk of sailors catching coronavirus is relatively low, industry executives fear that a patchwork of border requirements for Covid-19 vaccinations will reignite chaos. The WHO has given emergency approval to some coronavirus vaccines but there are no universally accepted jabs. China, for example, loosened border restrictions this week but only for those that have received a Chinese vaccine, while the UAE has required some seafarers to receive a vaccine not on the WHO's emergency use list to continue working. Shipping groups lambasted China for causing difficulties, including banning crew changes. "China is a real issue," said Stamatis Bourboulis, general manager of Euronav Ship Management, part of a Belgian oil tanker group, adding that it refused entry to a sailor needing medical treatment.

The dilemma for shipping liners is they do not want to risk being denied port entry because of unvaccinated crew members but they have no route to secure shots. Employment contracts often require seafarers to get any known vaccination necessary to enter countries the vessel may enter, according to a legal liability document seen by the Financial Times to be sent to shipowners. The potential for further supply chain disruption comes as shipping is stretched to its limit by a virus-driven surge in demand for goods amid limited availability of containers.

Seafarers from developed countries may receive coronavirus jabs in national rollouts but supply chains rely on sailors from the Philippines, Indonesia and India, where vaccination will proceed slowly. The industry is lobbying for seafarers to be prioritised but success is not guaranteed. Bud Darr, from the Mediterranean Shipping Company, said the second-largest container shipping group, had ruled out buying jabs privately but was exploring government partnerships, under which some vaccine supply it pays for is destined for the general public. Executives believe an industry-led solution is needed. They hope the IMO a UN body responsible for shipping, will secure jabs through Covax, the WHO-backed facility for low- and middle-income countries. Johnson & Johnson's one-shot vaccine is preferable, as logistics would be easier. Vassilios Demetriades, shipping deputy minister of Cyprus, a large flag state that has helped repatriate seafarers during the crisis has pinpointed concerns. "My fear is that toward the second half of the year we will still be in the position of discussing who is responsible for vaccinating seafarers.

Best example strategies for combating Covid. BBC's Jane Corbin

Jane Corbin has reported on Covid for the past year and her mission was to discover from global leaders and senior health officials across four continents what their priorities were in tackling the virus. What has emerged strongly are four key areas which have been most effective in containing the spread of the virus and preventing deaths.

- Early and effective action to control borders and monitoring of arrivals
- Testing, tracking and tracing everyone suspected of being infected
- Welfare support for those in quarantine to contain the virus
- Effective leadership and consistent and timely public messaging

No-one can claim to have got everything right. But the steps listed below highlight policies from around the world which have proved effective. Piece them together and you have the blueprint for a "pandemic playbook" - a manual for managing future infectious disease outbreaks.

1. Preparation

Stanley Park from Seoul, South Korea went to pick up his daughter, Joo Yeon, from the airport, he greeted her not with a hug but with a mask and a bottle of sanitising spray. Stanley remembers the devastation and fear that **Mers** brought to South East Asia in 2015. It's an experience his country has learned from, with the government making 48 reforms to

bolster public-health emergency preparedness and response. These have paid off. When covid hit, officials flattened the epidemic curve quickly, without closing businesses or implementing stricter stay-at-home restrictions nationally. After her arrival from Atlanta, Joo Yeon completed a strict two-week quarantine at her parents' house, downloaded an app that tracks her movements and received six check-up calls from the authorities. She took her quarantine so seriously that she "didn't even go to the garden, just in case". "From the very start we put in place thorough prevention measures to stop the same thing happening again - history repeating itself," the Prime Minister said.

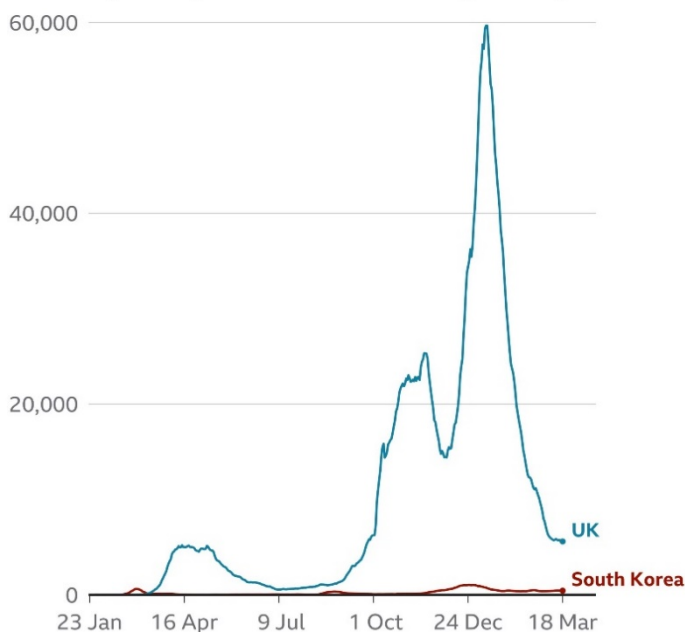
2. Test, track and trace

"It's very challenging at the moment, I have no idea if the patients I see have coronavirus or not," Dr Hodges, a north-east England GP explained in March 2020. "We might have hundreds of cases we're missing." As cases soared ahead of the first lockdown in late March, and with resources stretched, the UK government, which had conducted contract tracing until this point, stopped testing in the community. It had the capacity to test only in hospitals. The government's formal test-and-trace programme was launched in May.

Coronavirus testing booths were set up outside Yangji hospital in Seoul, South Korea. Most east Asian countries started contact tracing in January. In South Korea, hospitals like Yangji, in Seoul, were designated to handle Covid from testing to treatment. Here, people don't enter the building - they're tested at arm's-length in a special fully-sealed booth. The hospital processes all its own tests on site and results are usually available within four or five hours. In the UK it can take a day or more.

Daily cases in South Korea and the UK

Seven-day average of coronavirus cases by date reported



Source: gov.uk dashboard, Johns Hopkins University, updated to 18 Mar



Near the hospital, a track-and-trace team follows up on every suspected case and can be forensic with the detail and has access to credit card and mobile phone data. It monitors CCTV throughout the district, sending teams out into the community to scour the streets when it sees something that concerns it. Prime Minister Chung Sye-kyun took personal charge before the country had a confirmed covid case, prioritising the three Ts - test, track and trace. "By applying that strategy we've achieved a good, meaningful result,". The UK government says the testing system has continued to evolve and it is doing everything it can to improve it.

3. Quarantine support

"Making people stay at home is the main reason we've contained Covid," said Usha Kumari, a community health worker in Kerala, India. One of 30,000 accredited social-health activists, known as Asha workers. Her role has been to ensure everyone who needs to self-isolate in her patch does so. She gets their shopping, collects their medicine and anything they might need, so that they don't leave their homes. Support for those isolating doesn't end there. Community kitchens have supplied up to 600 free meals to people self-isolating at home or in hospital each day and mental-health services have been offered since the start of the pandemic.

Financial aid has been provided and, in some cases, bills were temporarily frozen. In the UK it wasn't until September that a payment of £500 was offered to those self-isolating. However, in the first four months of the scheme, two-thirds of applicants were rejected. According to a report released in September, less than 20% of UK people in the UK required to self-isolate, fully quarantined. Now, the UK government's expanding eligibility for the support payment. It says four million people could qualify. Kerala's health minister KK Shailaja learned important lessons three years ago dealing with the Nipah virus and has applied those lessons to tackling Covid. She insists that by ensuring support for those self-isolating, officials were able to control the spread and to keep its hospitals from being overwhelmed. With a population of 35 million, Kerala went from having the highest number of cases in India in March 2020 to having among the lowest global Covid-19 death rates.

4. Protect the elderly

At the start of April, Dr Lisa Federle began testing in care homes in Tübingen, Germany, to keep the virus out and allow visitors. The town's mayor, thought "we have to build up a special protection shield for the people who carry the highest risk". He had seen the impact of the virus in Italy and Spain on the older demographic. " He used his local budget to prioritise care and support for the town's elderly population, including a subsidised taxi service, free masks delivered to homes and special shopping hours. It meant the town's University Hospital, received fewer Covid-19 patients and wasn't forced to cancel other medical procedures.

Unlike the UK, where London, Edinburgh, Cardiff and Belfast made all the major decisions, Germany, with its federal system, allowed each of its states to decide locally how to respond to the virus. The elderly have been among the largest casualties of the pandemic - and, particularly in Europe, those living in care homes.

Although visitors were banned in UK care homes right at the start, there was criticism testing was slow. It wasn't until 15 April that the UK government announced that all people discharged from hospitals into care homes required a test. By July, at least 20,000 care-home residents in England and Wales had died from Covid-19 since the start of the outbreak. "When it comes to nursing homes, they're a vulnerable group and that should not have been a surprise," says Prof Dale Fisher, an expert in infectious diseases who was sent to the heart of the outbreak in Wuhan, China, in February 2020. "I think it's been obvious where in the world nursing homes weren't given attention, death tolls were significant."

5. A vaccination strategy

Over 26 million people in the UK have received at least one dose of a coronavirus vaccine - part of the biggest inoculation programme the country has ever launched. While well behind world leader Israel, which has fully inoculated over half its population, the UK has had extraordinary success with its vaccine programme.

UK success is largely down to tremendous planning. The Department of Health and Social Care began planning a mass vaccination programme before confirmation of the first UK Covid-19 case. Last summer, the government signed a contract for 100 million doses of the Oxford-AstraZeneca vaccine and 30 million doses of the Pfizer-BioNTech vaccine.

Brazil

President Jair Bolsonaro has described as "tyrants" state governors and mayors who have imposed lockdowns to contain coronavirus. Addressing supporters in Brasilia, he said his government had done all it could and it was now time to reopen the economy. Last week, the country's leading health institute Fiocruz warned of a historic collapse of Brazil's health service.

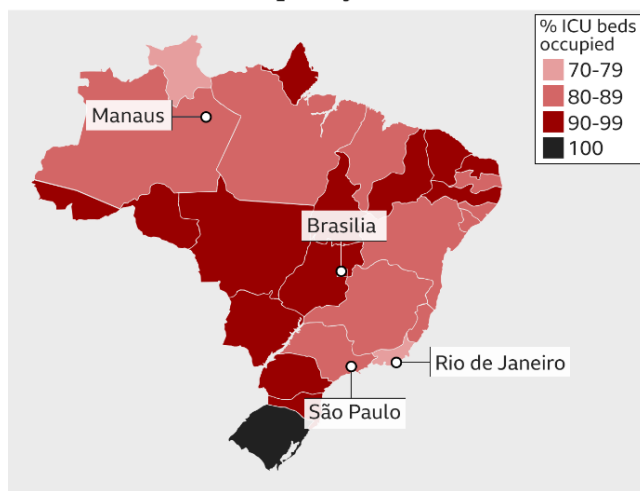
It said intensive care units in hospitals were running out of capacity. Mr Bolsonaro, has consistently opposed quarantine measures, arguing that the collateral damage to the economy would be worse than the effects of Covid itself. Earlier this month, he told Brazilians to "stop whining" about the pandemic. His handling of the outbreak has triggered widespread criticism both home and abroad.

In a separate development, Brazil's health ministry said it was lifting its requirement for local authorities to reserve half their vaccine stockpiles for second doses. Health Minister Pazuello said the aim was to get at least one vaccine dose to the maximum number of people as fast as possible. Brazil has struggled with the rollout of its vaccination programme. So far, it has used the Oxford-AstraZeneca vaccine and China's CoronaVac, both requiring two jabs. Brazil has also placed orders for the Pfizer-BioNTech, Johnson & Johnson and Sputnik V vaccines.

Brazil has the world's second-highest number of Covid-related deaths - only behind the US. Over 294,000 people have died since the start of the pandemic, with nearly 12 million confirmed infections, according to America's Johns Hopkins University. More than 2,200 people on average are dying of Covid in Brazil daily.

The latest surge in cases was attributed to spread of highly contagious covid variants. week's Fiocruz warned the situation was "extremely critical in the entire country".

Intensive care occupancy in Brazil



Source: Fiocruz

BBC

Analysis suggests it's the biggest collapse of the hospital and health service in Brazil's history."

Covid-19 units in all but two of Brazil's 27 states were at or above 80% capacity, according to Fiocruz. In Rio Grande do Sul, the institute said, there were no intensive care beds available.

Europe

European Commission President von der Leyen threatened to withhold vaccine exports. As the European Union struggles to accelerate its Covid vaccination program, von der Leyen suggested allowing authorities to effectively seize control of production and distribution stating that the EU will consider blocking supplies to countries that aren't reciprocating or already have high vaccination rates. "All options are open, we are in the crisis of the century.. nothing is ruled out as we have to ensure Europeans are vaccinated as soon as possible."

Various countries suspended use of AstraZeneca Plc's vaccine to examine side effects even though the EU's drugs regulator has said the benefits of the shot outweigh risks. The WHO reiterated that vaccines should continue to be administered before a European Medicines Agency review gave it the all clear last Thursday.

According to the European Commission the EU may have enough vaccines for most adults by end-June; As Britain's vaccination campaign continues strongly Prime Minister received the Oxford-AstraZeneca vaccine." The U.K. has insisted the Astra shot is safe and effective and urged the public to take it. So far, the U.K. has administered 26.5 million doses, with 37% of nationals having received at least one shot, according to data from Bloomberg.

The EU has now administered 11 doses per 100 people, compared to 33 doses in the U.S. and 39 doses in the U.K., according to the Bloomberg Vaccine Tracker. Despite the delays, the bloc boosted the number of doses it expects to get in Q2 to 360 million. The push to make exports contingent on reciprocity comes after the EU has sent 41 million doses to 33 nations.

Von der Leyen said that EU leaders will consider additional measures to secure vaccine supplies when they meet this week, including potential use of emergency legal powers to effectively seize control of production and distribution. Article 122 of the EU treaty allows introduction of emergency measures when severe difficulties arise in the supply of certain products. European Council President suggested this in January. An official said then that the measures could help to get the bloc's vaccination program back on track.

Netherlands

Please note the latest Dutch government modifications regarding COVID-19 testing requirements now applicable for Seafarers and Oil/Gas/Energy workers. • Travelling from a high risk country (inside or outside EU/Schengen area).

i.e. any country not on the list of safe countries: <https://www.government.nl/topics/coronavirus-covid-19/visiting-the-netherlands-from-abroad/eu-list-of-safe-countries>.

1. Travelling to the Netherlands as final destination.

A. Offshore/Green Energy: this only includes passengers who are flying directly to NL from an (offshore) platform/wind farm. They only need to present a health declaration.

B. **Seafarers** (including cruise ship and ferry* crew members) who possess a seaman's book if they are travelling in the exercise of their work or whose physical presence is required for work:

They are required to show either a negative NAAT or negative Antigen Rapid test no older than 24h before boarding the plane. They also need to present a health declaration.

* For Ferry Crew Members only: A negative NAAT test 72h prior to arrival in NL will also serve as a substitute for the rapid antigen test (taken 24h prior to boarding).

2. Transferring via Amsterdam (without leaving the airport)

Seafarers & Offshore/Green Energy passengers:

They need to present a negative NAAT test no older than 72H** before expected arrival in AMS

They need to present a negative NAAT test declaration (only if coming from a country outside the EU/Schengen area). Coronavirus: Negative test declaration form.

They also need to present a health declaration.

** If delayed through no fault of your own, a negative test result based on a sample collected up to 96 hours before arrival (instead of 72h) will still be accepted. This gives an extra 24 hours if there is proof that you had no fault in the delay.

- Travelling from a non risk country (inside or outside EU/Schengen area).

Seafarer and Offshore/Green Energy passengers only need to present the health declaration.

- Health Declaration for all passengers travelling by air:
- The 10day self-quarantine still applies to all passengers upon arrival in the Netherlands.

Philippines

The capacity on KLM flights to MNL in March has been reduced following the new caps on the number of arrivals permitted at Ninoy Aquino International Airport due to the limited availability of quarantine facilities and surging numbers of positive COVID-19 cases in the country. New capacity limitations will apply from 18 March 2021 until 18 April 2021.

In addition, the Philippine Government has also temporarily suspended the entry of foreign nationals, however foreign seafarers are exempt and are allowed to enter the Philippines if they have a 9(C) CREW LIST VISA.

KLM and other airlines were asked to reduce total passengers by half or more forcing cancellations of bookings for crew members that had signed-off and are waiting in hotels in the Netherlands to fly home. Unfortunately the measure was reintroduced without any transitional phase to allow shipowners to schedule crew changes – to adjust to the new criteria. With allowed capacity per flight reduced to 25% or less, KLM will have to reduce flights between Amsterdam and Manila from an almost daily schedule to twice a week. There might be valid public health related reasons to reduce passengers allowed entry to the Philippines, but the lack of a transitional phase is unfortunate. Tightened entry restrictions will derail the scheduled crew changes for Philippine seafarers. Some companies have already indicated that they will have to postpone crew changes for Filipino crew for the next month or so. This illustrates extended terms of service on board by seafarers should not be blamed on the shipowner.

Rwanda

Rwanda has confirmed the presence of new variants of Covid-19 virus first identified in the UK and South Africa. Health Minister Ngamije said that 10 cases of the South African variant and two of the UK variant were identified last week. The variants were found in 400 samples "that they were able to sequence between October 2020 and February 2021. The variants were identified among travellers who arrived at Kigali International Airport. They were put in isolation until they tested negative.

Meanwhile, 97% of the more than 340,000 doses of the Oxford-AstraZeneca and Pfizer vaccines that Rwanda received through the Covax vaccine-sharing programme have been administered. Rwanda has reported nearly 21,000 cases of coronavirus and 290 deaths.

United States

AstraZeneca has released the result of trials in the US of its Covid vaccine. They showed that it was 79% effective against stopping symptomatic Covid disease and 100% effective at preventing people from falling seriously ill. Over 32,000 volunteers took part in the trials, mostly in the US, but also Chile and Peru.

Dozens of countries have already approved the jab developed with Oxford University and tens of millions of doses have been given. The US had always said it would wait for results from trials held there before deciding whether to use the vaccine.

A 20:00-06:00 curfew has been announced in the city to remain in effect until at least 12 April. Traffic restrictions are in place during the curfew, while businesses in the South Beach area must close. Mayor Dan Gelber said thousands of tourists had brought "chaos and disorder" to the city. "It feels like a rock concert, wall-to-wall people over blocks and blocks," He said "If you're coming here to go crazy, go somewhere else." Spring break is a US holiday period for schools and universities that usually occurs in March or April. It attracts thousands of students to Florida and other warm-weather destinations. Officials warned tourists to "vacation responsibly or be arrested" prior to the holiday period, and a county-wide midnight coronavirus curfew was already in place due to the pandemic, but the Miami Beach area was thronged with revellers over the weekend and many did not appear to be wearing masks or socially distancing.

A city official described South Beach, including Ocean Drive, as being "overwhelmed" by crowds on Saturday. "You couldn't see pavement and you couldn't see grass," city manager Raul Aguila said adding that the emergency measures were "necessary not only to protect our residents but our visitors, including our spring breakers who we want to keep safe". On Sunday, Miami Beach police arrested at least a dozen people after the curfew had come into force. The Miami Herald said police used pepper-spray balls to enforce the curfew.

The graphic is a promotional banner for an online seminar. At the top left is the 'coollogistics' logo. At the top right is the 'CONTAINER NEWS' logo. The main title is 'CONTAINING COVID-19:' in large blue letters, followed by 'Containerisation's Role in Global Vaccine Logistics' in white. Below the title, it says 'Online seminar & virtual networking event'. The date and time are '15 April 2021 From 10:30 BST'. A central image shows a woman, Natalie Shaw, speaking. To the right of the image are icons of a vaccine vial and a syringe. At the bottom left, a blue box says 'SPEAKER' above 'Natalie Shaw', with her title 'Director Employment Affairs International Chamber of Shipping' below.

Natalie Shaw
Director Employment Affairs

BRIEF ON EUR/NAT STATES RESTRICTIONS DUE TO COVID-19

(Tuesday, 16 March 2021)

Disclaimer

The purpose of this Brief is for information. All operational stakeholders are requested to consult the most up-to-date AIS publications.

The sources of this Brief are the NOTAM Summary published on EUROCONTROL Network Operations Portal, the ICAO ISTARs Portal (NOTAMs issued by States explicitly including COVID-19 related information) and IATA travel centre (COVID-19) website.

Country	Status / Restriction
Albania	Tirana International Airport is closed to all flights from/to UK due to COVID-19 infection prevention with exemptions granted ATFM exemptions for flights delivering vaccines
Algeria	<i>Flights to Algeria are suspended except medevac, and repatriation flights; all with permission from the Algerian CAA</i> <i>Pax must have an exceptional entry permit and pax older than 12 years must have a negative COVID-19 PCR test issued at most 72 hours before arrival</i>
Andorra	<i>Apply the relevant Coronavirus (COVID-19) regulations of France or Spain, whichever must be transited to enter Andorra</i>
Armenia	-A completed awareness questionnaire must be presented upon arrival; -All pax will pass medical check in upon arrival and in case of symptoms of COVID -19 they will be isolated to hospital; -Entrance will be forbidden to any foreign citizen with symptoms who refuses the hospitalization; -All arriving pax must pass a PCR test at the airport, the result will be available in 48 hours, during this period the passenger must undergo self-isolation quarantine, in case of negative result self-isolation regime will be cancelled; -The certificate with a PCR negative test result is also accepted if performed not later than 72 hours before arrival; -Entry and exit are permitted of the cargo, pax, military and medical flight crews, who do not have detected symptoms of virus; More information: https://www.mfa.am/en/COVID-19/2020/11/05/covid_updates/10632 ATFM exemptions for flights delivering vaccines
Austria	<i>Pax restrictions with exemptions granted/pax entry requirements</i> https://www.austria.info/en/service-and-facts/coronavirus-information/entry-regulations Flights from UK, Brazil and South Africa are prohibited to land with exemptions granted LOWG, LOWS, LOWI, LOWK availability LOXT, LOXZ crew/pax requirements LOGG PPR ATFM exemptions for flights delivering vaccines
Azerbaijan	Resumption of international pax flights only after agreement of Government of Azerbaijan taking into account epidemiology situation and other restrictions, more info: https://www.azal.az/upload/pdf/Covid-Provisional-rules-EN%20.pdf <i>Pax restrictions until 31 March 2021 with exemptions granted;</i> <i>Negative COVID-19 PCR test result requirement at most 48 hours before departure of the last direct flight to Azerbaijan</i>

Belarus	-Pax must have a negative COVID-19 PCR test result at most 3 days before departure with exemptions granted; -Pax are subject to self-isolation for 10 days if arriving from a country listed at: http://minzdrav.gov.by/ru/dlya-belorusskikh-grazhdan/strany-krasnoy-zony.php
Belgium	Pax entry restrictions until 01 April 2021; more info: https://mobilit.belgium.be/en/aviation EBBR pax flights will only be allowed to operate between 0500UTC and 2200UTC for departures and between 0430UTC and 2200UTC for arrivals; with exemptions granted EBCF PPR ATFM exemptions for flights delivering vaccines
Bosnia and Herzegovina	Pax must have a medical certificate with a negative COVID-19 PCR test result issued at most 48 hours before arrival, with exemptions granted ATFM exemptions for flights delivering vaccines
Bulgaria	Pax restrictions until 30 April 2021 with exemptions granted/pax entry conditions ATFM exemptions for flights delivering vaccines
Croatia	Pax restrictions until 31 March 2021 with exemptions granted https://mup.gov.hr/uzg-covid/english/286212 ATFM exemptions for flights delivering vaccines
Cyprus	All flight restrictions to/from Cyprus removed; AOs to familiarise themselves with procedures for health protocol published on IATA TIMATIC Based on latest epidemiological criteria and data, a new country categorization shall be in effect: https://www.pio.gov.cy/coronavirus/eng/categories/en-fly Pax on international flights to Cyprus complete the required documents electronically on the online platform within 24hrs before the flight www.cyprusflightpass.gov.cy ATFM exemptions for flights delivering vaccines Pax restrictions/ entry requirements/ exemptions
Czechia	Foreign pax are not allowed to enter except: - nationals and long-term residents of Andorra, Australia, Austria, Belgium, Bulgaria, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland (Rep.), Italy, Japan, Korea (Rep.), Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, Netherlands, New Zealand, Norway, Poland, Portugal, Romania, San Marino, Singapore, Slovakia, Slovenia, Spain, Sweden, Switzerland, Thailand and Vatican City (Holy See); other exemptions granted Pax entry requirements https://www.mvcr.cz/mvcren/article/coronavirus-information-of-moi.aspx ATFM exemptions for flights delivering vaccines
Denmark	Flights from Iceland to Greenland are suspended until 18 April 2021 Pax restrictions/ entry requirements and exemptions; https://coronasmitte.dk/en/entry-into-denmark Flights with passengers, who cannot present a negative COVID-19 test result from a test performed within 24 hours prior to boarding the aircraft, are not permitted to land in Denmark with exemptions Foreign military aircraft flights will not be accepted at Danish military installations - PPR for special cases EKKA, EKVD, EKVJ closed for public access EKAH, EKCH availability EKMB PPR Greenland: All civil flights from outside BGGL FIR, are banned from landing at aerodromes within BGGL FIR BGTL closed with exemptions granted ATFM exemptions for flights delivering vaccines
Estonia	Pax restrictions/entry conditions with exemptions granted https://vm.ee/en/information-countries-and-self-isolation-requirements-passengers ATFM exemptions for flights delivering vaccines

Finland	Finland has started to open borders for pax traffic with some restrictions listed here: www.raja.fi/en
	ATFM exemptions for flights delivering vaccines
France	France maintains controls at its external borders and restricts travel; Travel between France and abroad, except EU member states, Andorra, Australia, Iceland, Israel, Japan, Liechtenstein, Monaco, New Zealand, Norway, San Marino, Singapore, South Korea, Switzerland, UK and Vatican, shall only be authorised for an imperious personal or family reason, an emergency health reason or a professional reason that cannot be deferred. Other restrictions, requirements: https://www.gouvernement.fr/en/coronavirus-covid-19
	Pax aged 11 years or older traveling by public air transport to France from a foreign country, prior to boarding, a negative COVID-19 test carried out less than 72 hours before the flight, a sworn statement and other requirements; with exemptions
	ATFM exemptions for flights delivering vaccines
	LFLS, LFMH, LFOB, LFQQ availability
	LFBH 48h PPR for international extra-Schengen and intra-Schengen flights
Georgia	<i>Pax restrictions/entry requirements with exemptions granted;</i> www.mfa.gov.ge/ www.stopcov.ge
	ATFM exemptions for flights delivering vaccines
Germany	Temporary travel restriction for non-essential travel from all Non EU / Schengen area countries to Germany; with exemptions granted (This does not include flight restrictions) Pax/crew entry requirements by the Federal Ministry of Health https://www.bundesgesundheitsministerium.de/coronavirus/current-information-for-travellers.html
	ATFM exemptions for flights delivering vaccines
	EDCP, EDDE closed
	EDAH, EDDG, EDDR, EDGS, EDLP, EDNY, EDQG, EDVE, EDVK, EDXH availability
	EDAC, EDDC, EDTM, EDXI, EDXW PPR
Greece	Commercial flights and GA/BA to-from Turkey are prohibited with exemptions granted
	All flights from Albania and North Macedonia, commercial and GA/BA, are permitted only to Athens International Airport (LGAV). Flights to other Greek Aerodromes are suspended with exemptions granted
	Only essential travel, properly documented, is allowed for pax on all domestic flights, commercial and general/business aviation with exemptions
	Non-EU citizens are prohibited to enter Greece except citizens and permanent residents of Australia, New Zealand, South Korea, Thailand, UAE, Singapore, UK, Russian Federation and Israel; exemptions granted https://travel.gov.gr/#/
	ATFM exemptions for flights delivering vaccines
	LGKO PPR
	LGSK restrictions
Hungary	Schengen borders are suspended and border crossing point is available only at: LHBP, LHDC, LHPR, LHSM
	Pax restrictions with exemptions granted/pax entry requirements https://www.bud.hu/en/covid_19/information_on_entering_and_leaving_hungary
	ATFM exemptions for flights delivering vaccines
	LHNY home based aircraft only, with exemptions
Iceland	<i>Pax restrictions with exemptions granted</i> https://www.covid.is/english
Ireland	Pax entry requirements; https://www2.hse.ie/conditions/coronavirus/travel.html
	ATFM exemptions for flights delivering vaccines
	EIDW aircraft parking limitations

Israel	All int pax flights shall land at LLBG only and require PPR
	All pax (arriving and departing) shall have a specific approval from the official government committee; pax/crew entry requirements https://www.gov.il/en/departments/guides/flying-to-israel-guidelines
Italy	All flights arriving from Brazil are prohibited until 29 April 2021 with exemptions granted
	<i>Pax restrictions until 06 April 2021 with exemptions granted</i>
	For further info: www.enac.gov.it
	Entry and transit in the national territory is regulated as prescribed with the decrees of President of Council Minister of 02/03/2021 (www.governo.it) and also according to ordinances of the Ministry of Health
	ATFM exemptions for flights delivering vaccines
Kazakhstan	LIBG closed with exemptions granted
	LIPE pax boarding, disembarking and immigration operations may be delayed
	LIPQ non-scheduled flights and GA are allowed only if authorized with 24H PPR
	LIPH, LIRJ availability
	LIMP AD security, administration and handling not provided
	LILA home based aircraft only
	LIDA, LIDB, LIDG, LIDR, LIDH, LIDL, LIDP, LIDU, LIDT, LIPD, LIPF, LIPG, LIPH, LIPM, LIPN, LIPU, LIPV, LIRU, LIRV, LIRL, LIQN traffic subject to limitations
	<i>Airports are closed for international flights except from: Belarus, Egypt, Germany, Korea (Rep.), Kyrgyzstan, Netherlands, Russian Fed., Turkey, Ukraine, UAE, Uzbekistan and all repatriation flights; Other exemptions granted</i>
	<i>Pax are not allowed to transit or enter Kazakhstan with exemptions granted</i>
	<i>Pax must have a medical certificate with a negative COVID-19 PCR test result issued at most 3 days before arrival and after arrival medical screening and isolation for 3 days; with exemptions</i>
<i>Suspension of visa exemptions for nationals of several countries</i>	
Kyrgyzstan	<i>Foreign pax must have a printed medical certificate with a negative COVID-19 PCR test result. The test must have been taken at most 72 hours before departure of the first embarkation point. Except:</i>
	<i>- passengers younger than 8 years; - passengers with a diplomatic passport. Passengers could be subject to COVID-19 test upon arrival. Visa on arrival facilities have been reinstated</i>
Latvia	<i>Pax restrictions/entry requirements</i> https://www.mfa.gov.lv/en/consular-information/news/66019-emergency-situation-in-latvia-to-restrict-the-spread-of-covid-19
	ATFM exemptions for flights delivering vaccines
Lithuania	<i>Foreign pax are not allowed to enter except:</i>
	<i>- nationals and residents of Andorra, Austria, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland (Rep.), Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Norway, Poland, Portugal, Romania, San Marino, Slovakia, Slovenia, Spain, Sweden, Switzerland and Vatican City (Holy See) and UK; Other exemptions/ entry requirements.</i>
	http://koronastop.lrv.lt/en/
Luxembourg	ATFM exemptions for flights delivering vaccines
	<i>Foreign pax restrictions/entry requirements until 31 March 2021 with exemptions</i>

Malta	Pax requirements; https://www.maltairport.com/declarationforms
	The order of travel ban on persons to/from Malta is extended, with the following exceptions: -Cargo flights, ferry flights, humanitarian flights, and repatriation flights shall be exempt from this order; -Pax arriving from Austria, Cyprus, Czech Republic, Denmark, Estonia, Finland, Hungary, Iceland, Ireland, Germany, Latvia, Lithuania, Luxembourg, Norway, Italy, France, Slovakia, Switzerland, Greece, Croatia, Spain, Poland, Belgium, Bulgaria, Netherlands, Canada, Australia, New Zealand, South Korea, Andorra, Monaco, San Marino, China, Vatican City, Rwanda, Uruguay, Slovenia, Japan, Morocco, Thailand, Tunisia, Portugal, Romania, Lebanon, Indonesia, UAE, Turkey, Jordan, Liechtenstein and Sweden shall be exempt from this order provided that they have not been in any country not in the above list in the 14 days prior to their arrival in Malta. -Exemption may be granted by the superintendent of public health for persons traveling to/from countries not on the list, where such travel is deemed necessary or essential; Operators shall obtain prior approval from the Malta Civil Aviation Directorate on email: dutyofficer.cad@transport.gov.mt, before any operations.
	Pax arriving from Andorra, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Estonia, France, Germany, Greece, Hungary, Indonesia, Ireland, Italy (except Sicily and Sardinia), Japan, Jordan, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Monaco, Morocco, Netherlands, Poland, Portugal (except Madeira, Azores), Romania, San Marino, Slovakia, Slovenia, Spain (except Canarias), Sweden, Switzerland, Thailand, Tunisia, Turkey, Uruguay and Vatican City should present a negative Covid-19 polymerase chain reaction (PCR) taken within 72 hours of their arrival before boarding flights to Malta. Pax who fail to produce the PCR Covid-19 test on arrival, may be submitted to testing in Malta and may be subject to a quarantine order issued by the superintendent of public health.
	Pax arriving from the UK will be subject to mandatory quarantine for 14 days starting from their arrival
	ATFM exemptions for flights delivering vaccines
Moldova	<i>Pax without a negative COVID-19 RT-PCR test taken at most 72 hours before arrival are subject to self-isolation upon arrival for 14 days; with exemptions granted</i> ATFM exemptions for flights delivering vaccines
Monaco	<i>Pax restrictions/ entry requirements with exemptions granted</i> https://covid19.mc/en/
Montenegro	Pax entry requirements
	ATFM exemptions for flights delivering vaccines
	LYPG availability
Morocco	All flights from/to Morocco are suspended until further notice except over flight and cargo. Crew members of cargo must remain on board and stopovers shortened. Special flights of foreign airlines are allowed on request by their government with condition of having authorization from the air transportation directorate (DTA/DGAC) via the ministry of foreign affairs of Kingdom of Morocco. The Moroccan airlines will schedule special flights, after a coordination with the Ministry of Foreign Affairs, and must request authorization from DTA/DGAC The flights must be operated taking into account the health conditions imposed by competent authorities of each countries. The authorized airlines must respect the conditions of access to the national territory, related to passengers, imposed by competent authorities.
	All flights to-from Argentina, Bosnia and Herzegovina, Botswana, Cameroon, Croatia and Mozambique, Algeria, Egypt, Poland, Norway, Finland, Greece, Lebanon, Kuwait, UK, Denmark, South Africa, Australia, Brazil, Ireland, New Zealand, Germany, Netherlands, Switzerland, Turkey, Belgium, Italy, Austria, Portugal, Sweden, Czechia

	and Ukraine are suspended with exemptions granted; Pax from those countries above, travelling through another country are not allowed to enter Morocco; exemptions granted
	Pax entry requirements
Netherlands	Restrictions regarding GA flights
	<i>Pax restrictions with exemptions granted/entry requirements</i> https://www.government.nl/topics/coronavirus-covid-19/visiting-the-netherlands-from-abroad https://www.government.nl/documents/publications/2020/07/07/information-for-passengers-flying-to-and-from-the-netherlands
	ATFM exemptions for flights delivering vaccines
	EHGG, EHLE availability
	EHEH PPR
North Macedonia	<i>Coronavirus (COVID-19) entry regulations lifted on 1 July 2020</i>
	ATFM exemptions for flights delivering vaccines
Norway	<i>Pax restrictions/ entry requirements;</i> https://www.helsenorge.no/en/coronavirus/international-travels/
	International pax temporarily only be accepted to the following airports: ENTC, ENBO, ENVA, ENAL, ENBR, ENHD, ENZV, ENCN, ENTO, ENGM; except military and cargo flights.
	ENTO availability
	ENHD non-scheduled int pax flights must have confirmed handling 24h before
	ATFM exemptions for flights delivering vaccines
Poland	<i>Pax restrictions/ entry requirements with exemptions granted</i> https://www.gov.pl/web/coronavirus/travel
	ATFM exemptions for flights delivering vaccines
Portugal	Flights are prohibited to land at/depart from continental Portugal aerodromes except EU member states, Liechtenstein, Norway, Iceland and Switzerland; other exemptions granted
	All flights, commercial or private, from all airlines, departing from/to Brazil and UK destination to/from Portuguese aerodromes or airports are suspended with exemptions granted
	ATFM exemptions for flights delivering vaccines
	<i>Pax restrictions/ entry requirements with exemptions granted</i> https://www.visitportugal.com/en/content/covid-19-measures-implemented-portugal
	LPBR closed with exemptions
	LPCS, LPSO, LSVR availability
	LPPT aircraft parking limitations
Romania	<i>Pax restrictions/entry requirements</i> https://www.mae.ro/en/node/30320
	ATFM exemptions for flights delivering vaccines
	LROP aircraft parking limitations
Russian Federation	Gradual resumption of flights to some States
	<i>Flights from the UK to the Russian Fed. are suspended until 16 April 2021 with exemptions (pax arriving from UK subject to 14 days self-isolation)</i>
	<i>Pax restrictions/ entry requirements with exemptions granted</i>
San Marino	<i>Pax restrictions with exemptions granted</i>
Serbia	Pax entry requirements/exemptions: http://www.mfa.gov.rs/en/themes/covid173202019
	ATFM exemptions for flights delivering vaccines
Slovakia	<i>Pax entry requirements</i> https://www.mzv.sk/web/en/covid-19
	LZKZ availability

	ATFM exemptions for flights delivering vaccines
Slovenia	Pax entry conditions with exemptions granted: https://www.gov.si/en/topics/coronavirus-disease-covid-19/border-crossing/
	All international flights arriving to any public airport in FIR LJLA shall make first landing at international airports LJLJ, LJMB or LJPZ, with exemptions granted
	ATFM exemptions for flights delivering vaccines
Spain	Third country nationals not allowed with exemptions granted
	Pax entry requirements with exemptions https://www.spth.gob.es/more
	Flights (direct or with intermediate stops) from the United Kingdom, Brazil and South Africa to Spain are suspended with exemptions
	ATFM exemptions for flights delivering vaccines
	LERS only pax charter flights will be accepted with 72HR PPR
Sweden	Pax restrictions/ entry requirements https://polisen.se/en/the-swedish-police/the-coronavirus-and-the-swedish-police/travel-to-and-from-sweden/
	ATFM exemptions for flights delivering vaccines
Switzerland	<i>Pax restriction/entry requirements with exemptions</i> www.bag.admin.ch/entry
	ATFM exemptions for flights delivering vaccines
	LSGE, LSZB, LSZH availability
	LSZL operational restrictions
Tajikistan	<i>Flights to Tajikistan are suspended until 10 March 2021:</i> - <i>This does not apply to flights arriving from China (People's Rep.), Turkey, UAE and Uzbekistan;</i> - <i>This does not apply to humanitarian, medevac and repatriation flights;</i> - <i>Pax/crew requirements</i>
Tunisia	<i>Pax entering or transiting through Tunisia must have a printed negative COVID-19 RT-PCR test result issued at most 72 hours before departure from the first embarkation point. The test result must be in Arabic, English or French; with exemptions</i>
Turkey	All flights from Brazil, UK, Denmark and South Africa are suspended until further notice with exemptions granted
	Pax entering or transiting through Turkey must have a medical certificate with a negative COVID-19 PCR test result taken at most 72 hours before arrival except crew, pax under 6 years old, transit and transfer pax
	ATFM exemptions for flights delivering vaccines
Turkmenistan	<i>Flights to Turkmenistan are suspended until 01 April 2021;</i> <i>This does not apply to repatriation flights</i>
	<i>Pax/crew must have a medical certificate with a negative COVID-19 RT-PCR test result issued at most 24 hours before departure from the first embarkation point</i>
	<i>Pax are subject to a COVID-19 RT-PCR test upon arrival and self-isolation for 21 day</i>
Ukraine	<i>Pax entry requirements;</i> https://www.visitukraine.today/
	UKKK aircraft operator should report epidemiological situation on board
	ATFM exemptions for flights delivering vaccines
United Kingdom	Pax entry requirements with exemptions: https://www.gov.uk/uk-border-control/before-you-leave-for-the-uk
	Commercial and private pax flights where the last point of departure was South Africa Argentina, Brazil, Chile, Cape Verde, Portugal and UAE will be prohibited from landing with exemptions granted
	ATFM exemptions for flights delivering vaccines
	EGAB, EGAD, EGBN, EGBS, EGEO, EGEY, EGMD, EGNC, EGNW, EGSY, EGTO, EGTU closed with exemptions
	EGAE, EGBE, EGBK, EGBP, EGBJ, EGBW, EGCB, EGCI, EGCN, EGCW, EGEC,

	EGET, EGDI, EGDM, EGDY, EGDN, EGFF, EGGD, EGGP, EGHE, EGHH, EGHR, EGHQ, EGKR, EGLW, EGNO, EGNS, EGNT, EGNV, EGNX, EGPB, EGPC, EGPE, EGPN, EGPO, EGPR, EGSR, EGSS, EGTE, EGTK, EGVP availability EGUN crew/pax restrictions
Uzbekistan	<i>Pax must have a negative COVID-19 PCR test result. The test must have been taken at most 72 hours before departure of the flight to Uzbekistan. The test result must be in English or Russian; with exemptions</i>

- END -



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

Montréal, Canada

17 March 2021

Economic Development – Air Transport Bureau





- **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 Near-term Outlook: Global**
- **Estimated 2020 Results and Near-term 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.



The estimated COVID-19 impact on world scheduled passenger traffic for year 2020, 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

International passenger traffic

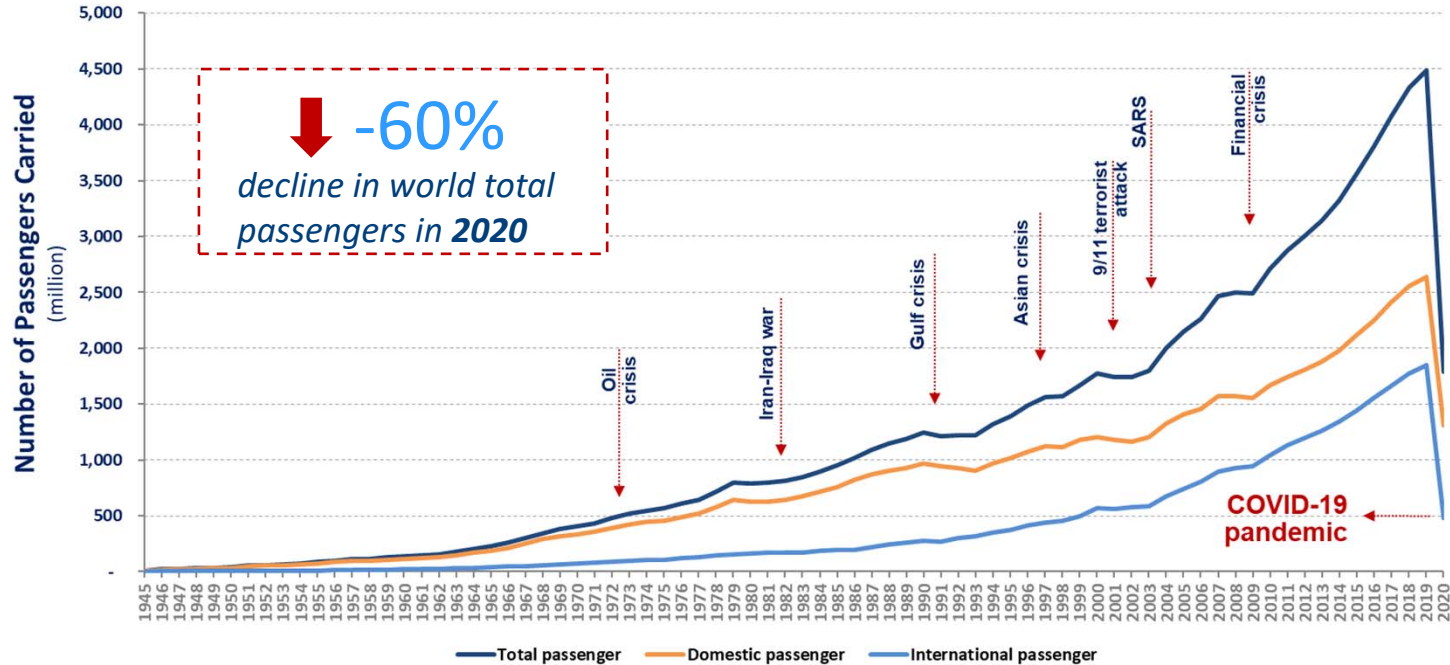
- Overall reduction of **66% of seats offered by airlines**
- Overall reduction of **1,376 million passengers (-74%)**
- Approx. **USD 250 billion loss** of gross operating revenues of airlines

Domestic passenger traffic

- 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

World passenger traffic collapses with unprecedented decline in history

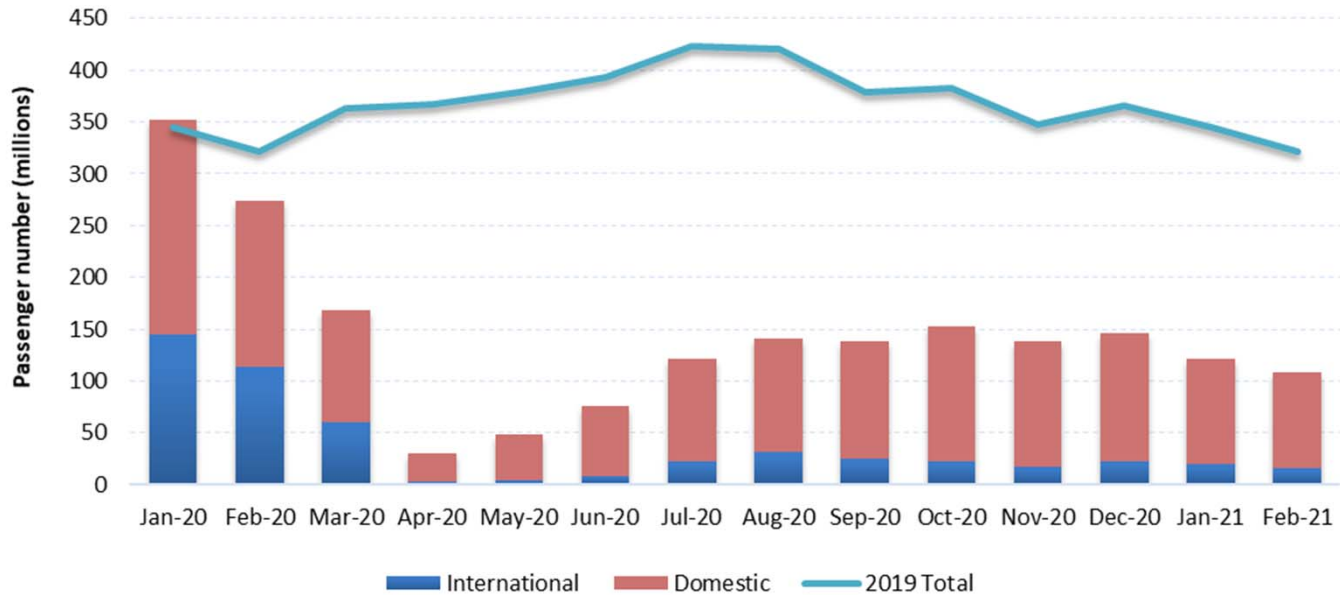
World passenger traffic evolution 1945 – 2020



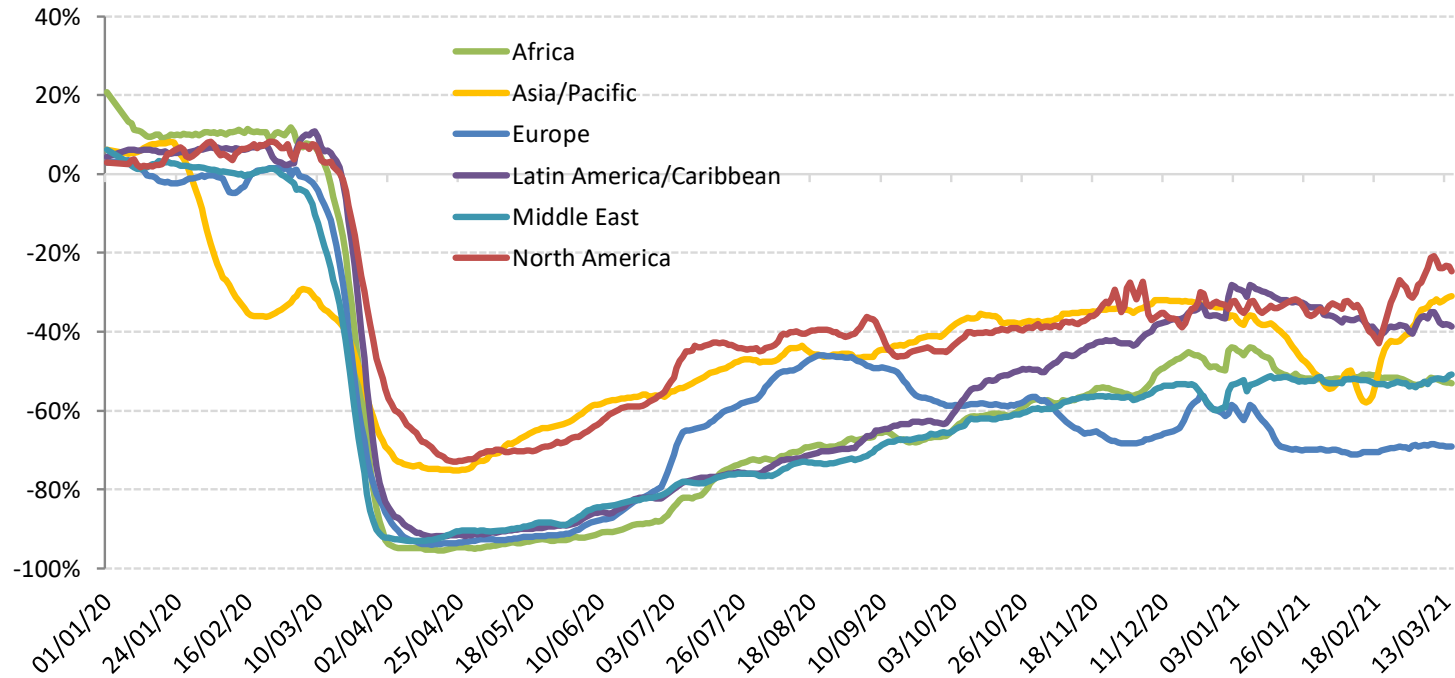


Moderate recovery in domestic travel while international travel remained stagnant

Monthly passenger numbers in 2020 vs. 2019

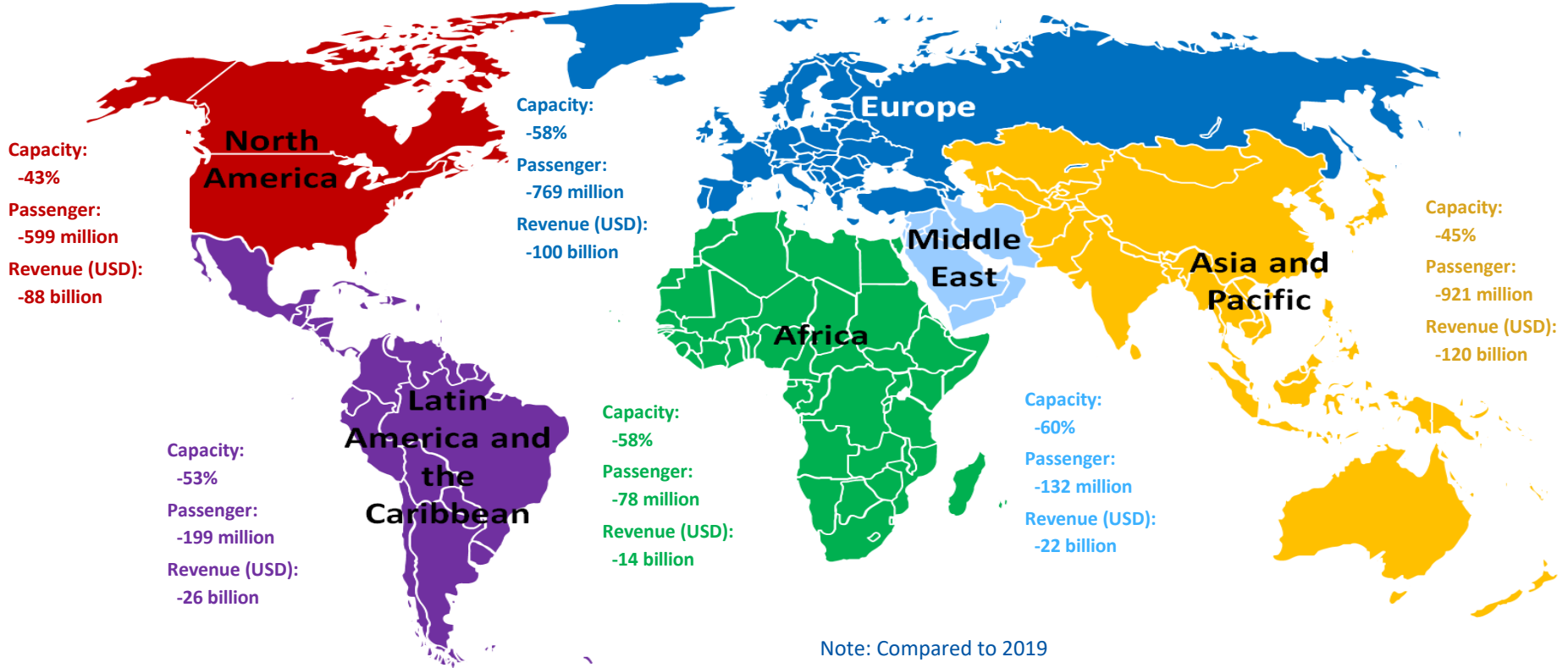


Comparison of total seat capacity by region (7-day average, YoY compared to 2019)





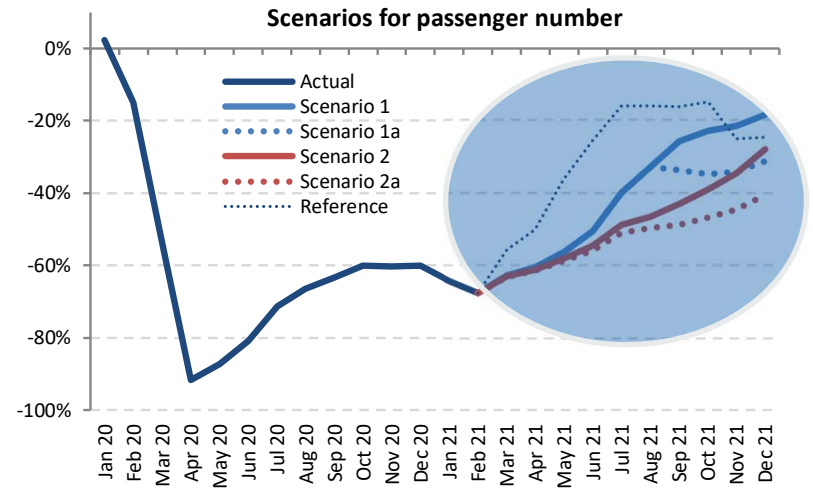
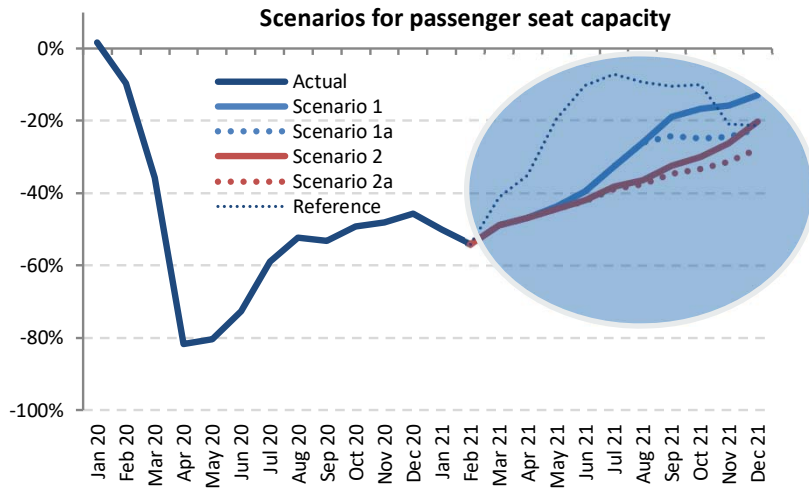
Estimated impact on passenger traffic and revenues by region for 2020





- **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 64.2% of passenger traffic and 65% or over USD 111.8 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 between USD 910 to 1,170 billion in 2020, compared to the USD 1.5 trillion generated in 2019, with 100% of worldwide destinations having travel restrictions (by **UNWTO**)
- **Trade**: A fall of global merchandise trade volume by 9.2% in 2020 compared to 2019 (by **WTO**)
- **Global economy**: A projected -3.5% to -4.3% contraction in world GDP in 2020, far worse than during the 2008–09 financial crisis (by **IMF and World Bank**)

Near-term 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.

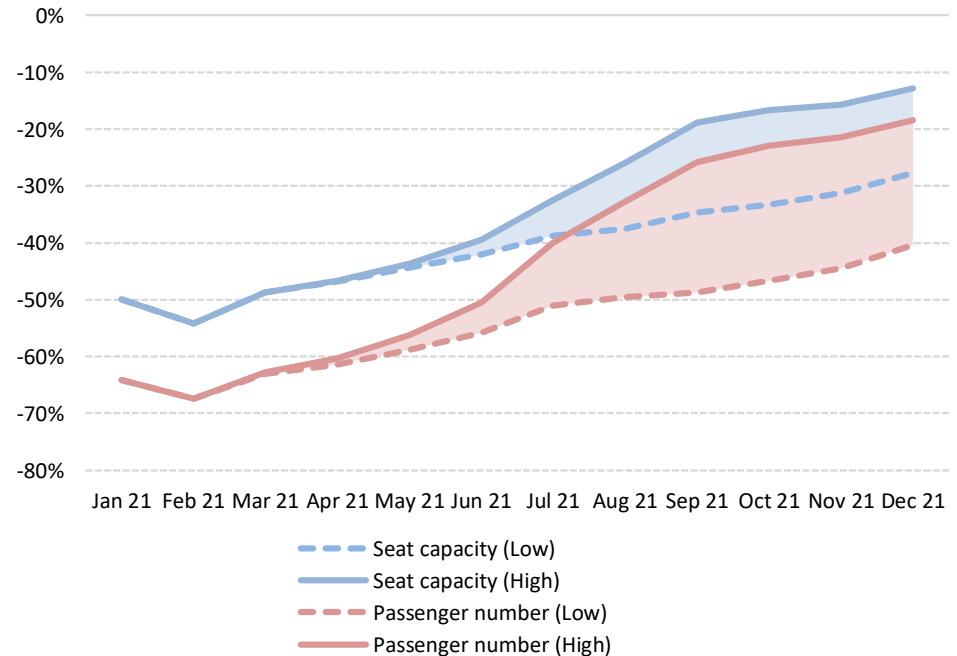


Near-term outlook: World total passenger traffic

The estimated COVID-19 impact on world scheduled passenger traffic for the full year 2021 (January to December 2021), compared to 2019 levels:

- Overall reduction ranging from **34% to 41% of seats offered by airlines**
- Overall reduction of **1,934 to 2,424 million passengers (-44% to -56%)**
- Approx. **USD 279 to 343 billion loss** of gross passenger operating revenues of airlines

Outlook 2021 (compared to 2019 levels)





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Scenario Building



- 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

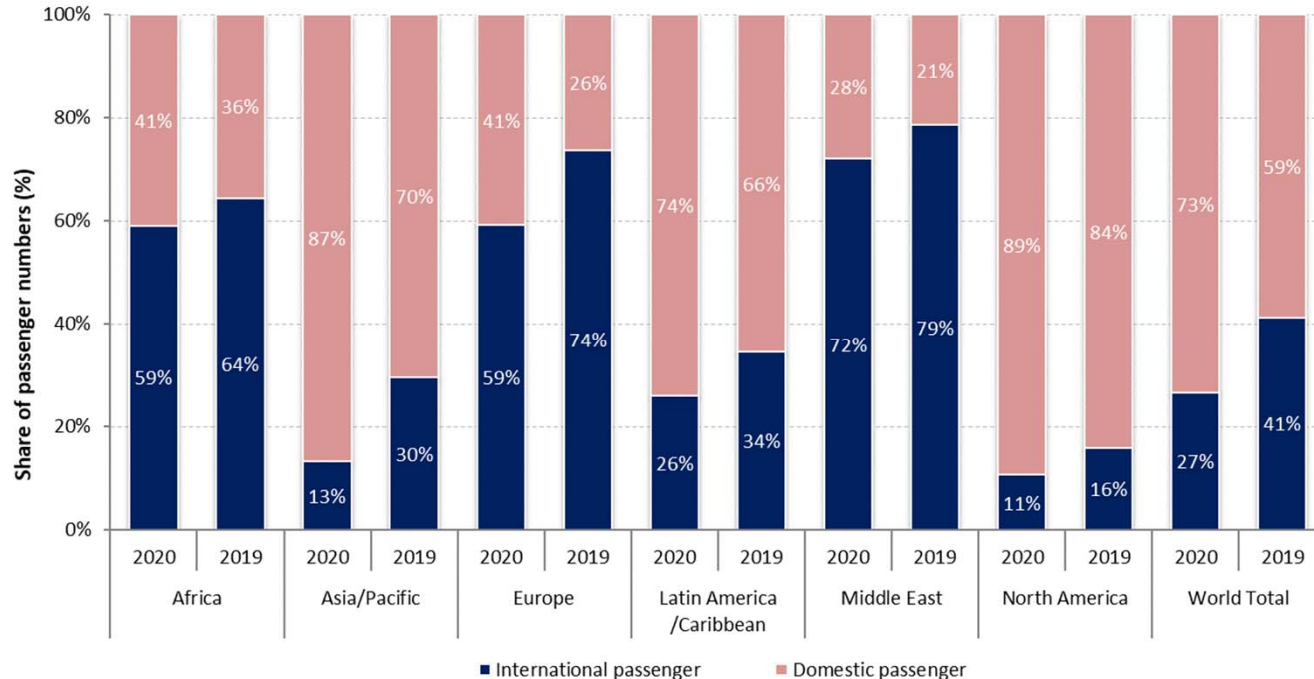


Analytical Consideration

- 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

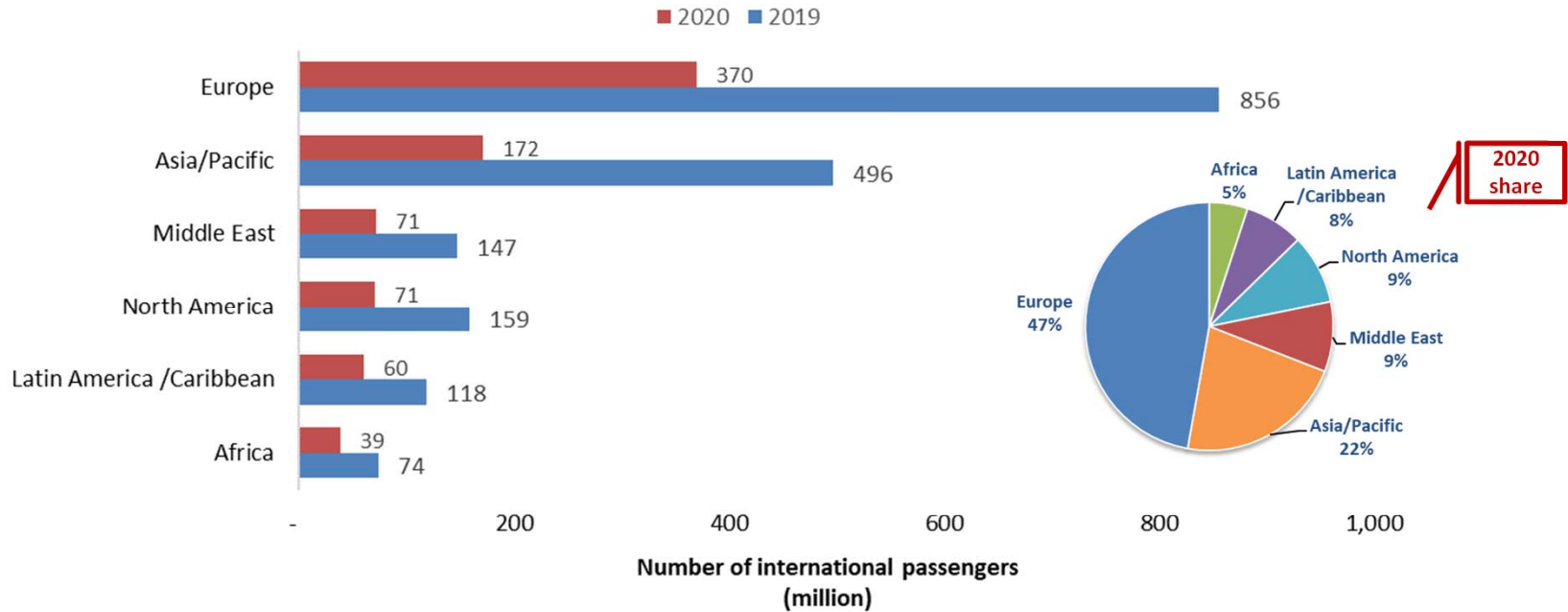
International share of passenger traffic decreased in all regions in 2020 vs. 2019

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



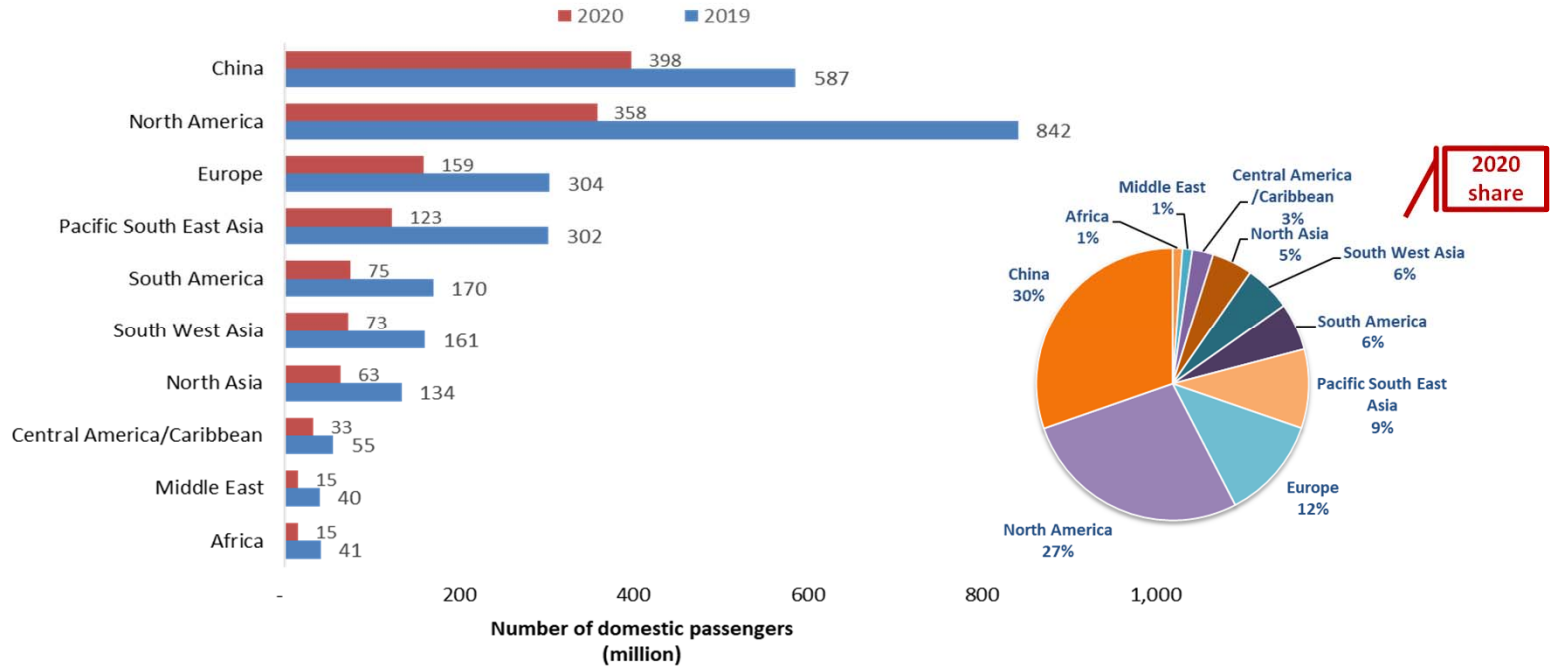
Europe and Asia/Pacific accounted for around 70% of the world international traffic in 2020

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



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

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

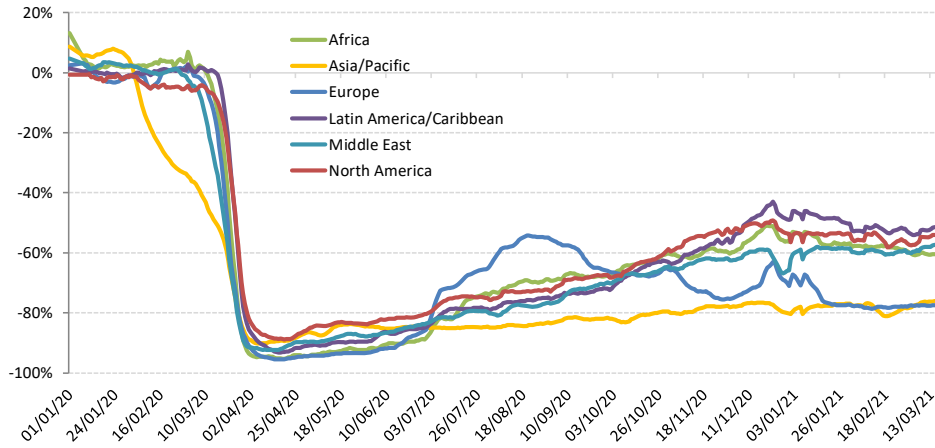




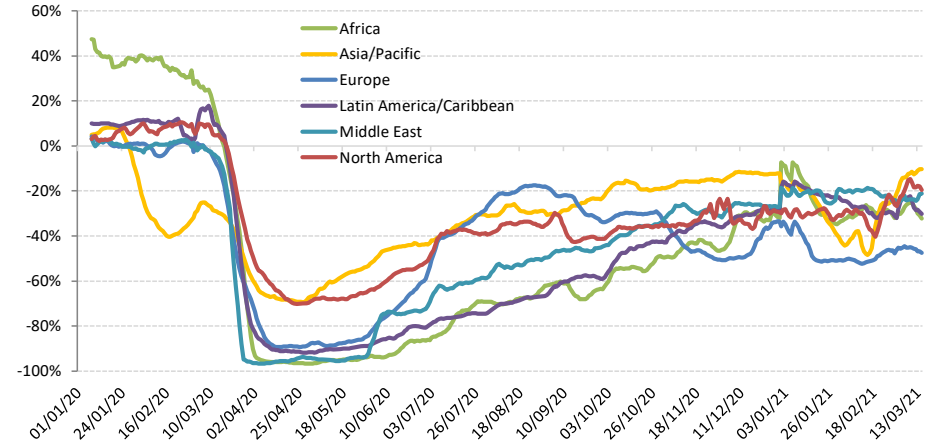
Domestic passenger traffic often exhibits more resilience than international

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

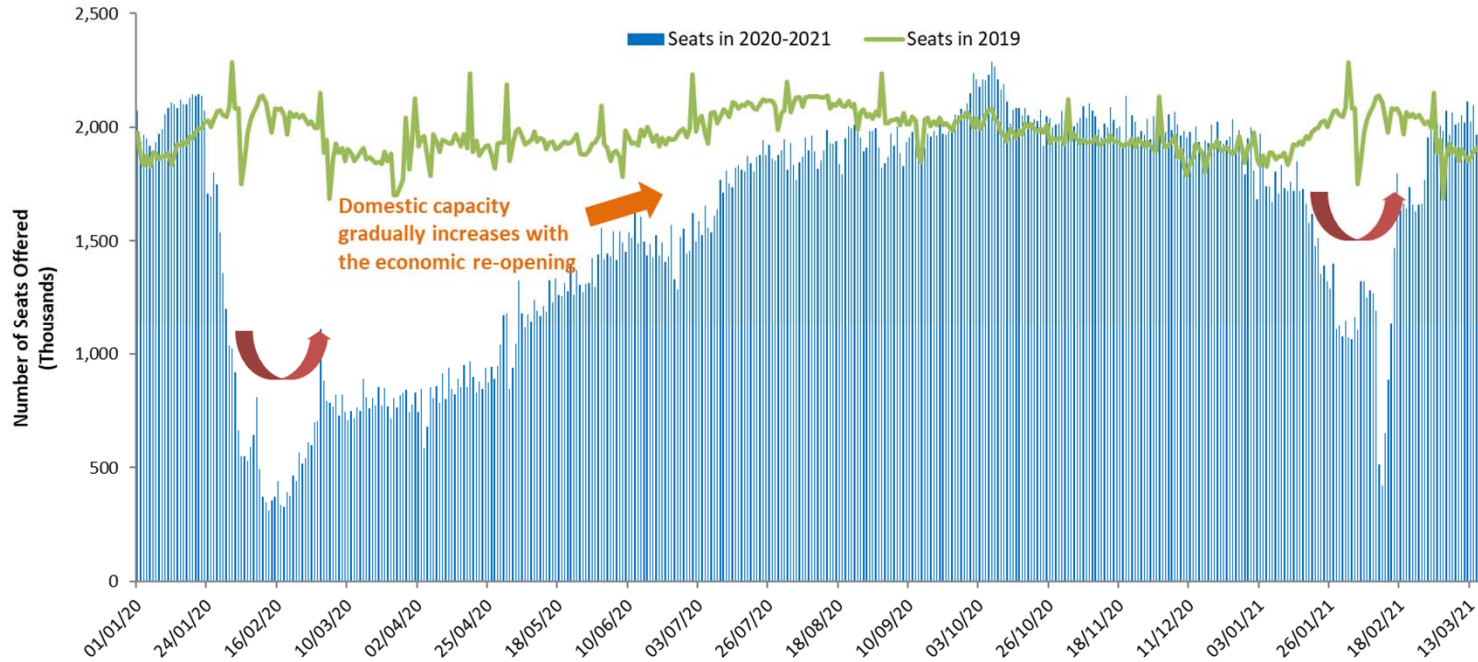
International seat capacity reduction (7-day average, YoY compared to 2019)



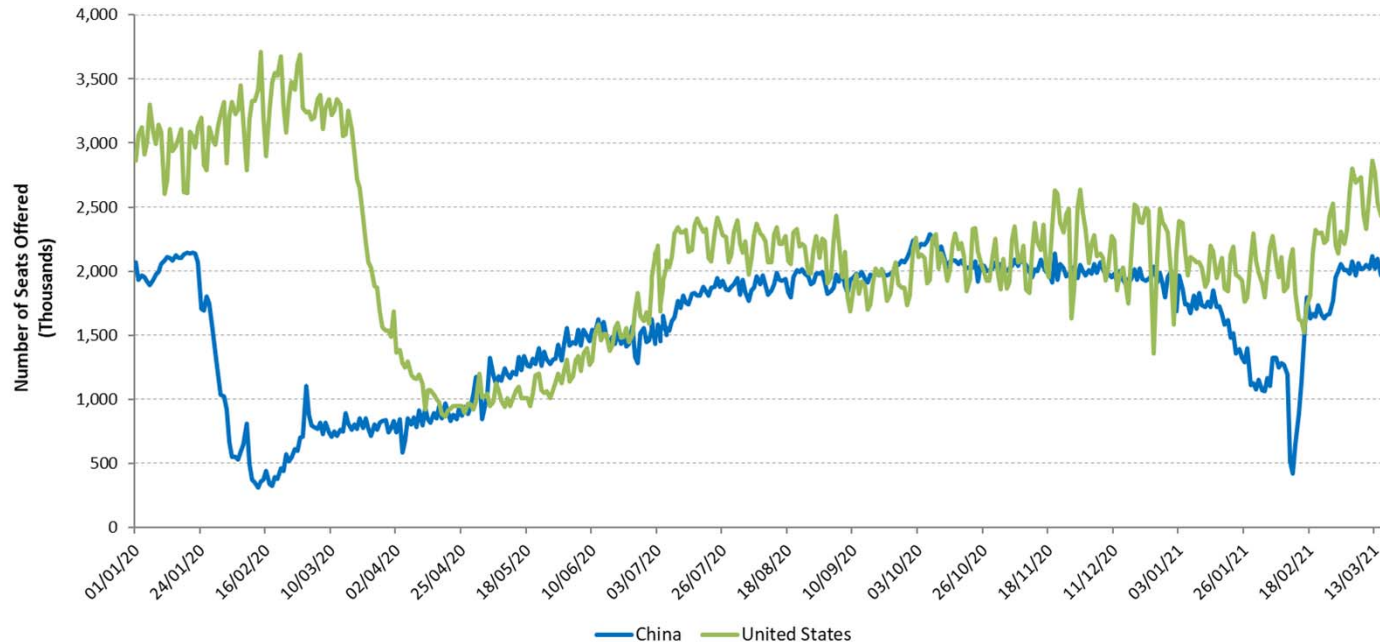
Domestic seat capacity reduction (7-day average, YoY compared to 2019)



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

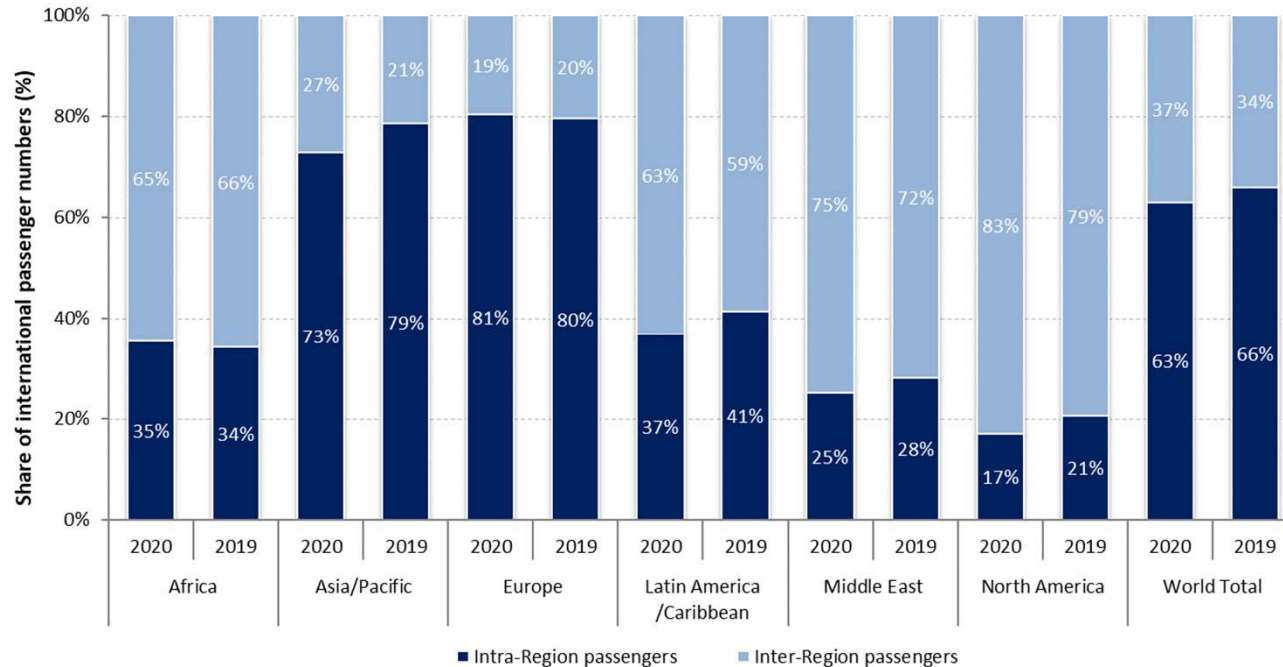


Capacity evolution of two largest domestic markets China and United States since January 2020



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)

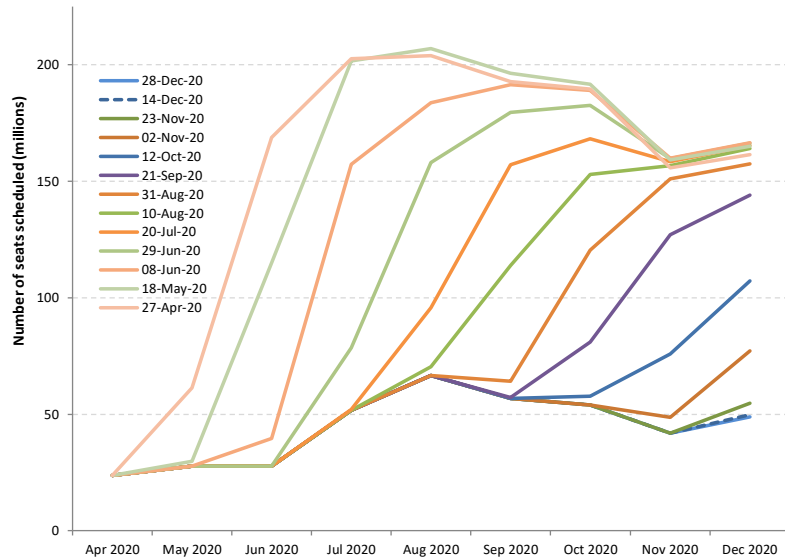




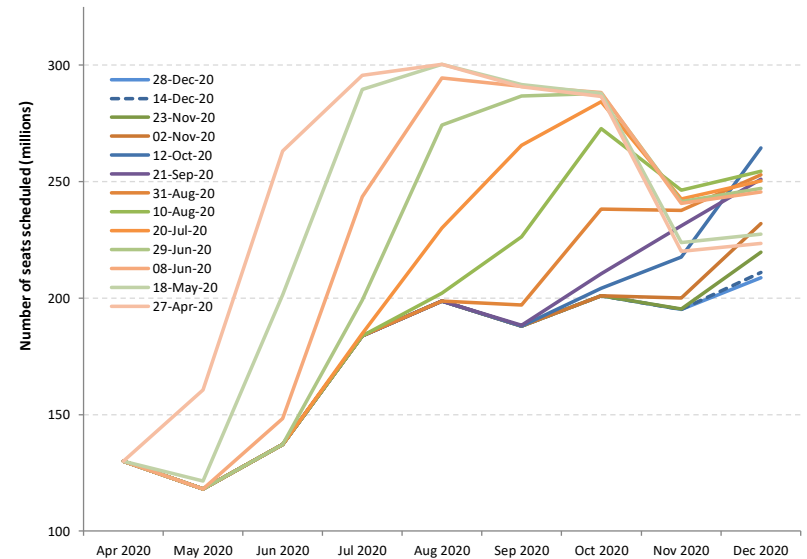
A large gap exists between what is scheduled and actual operations

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

International schedules



Domestic schedules





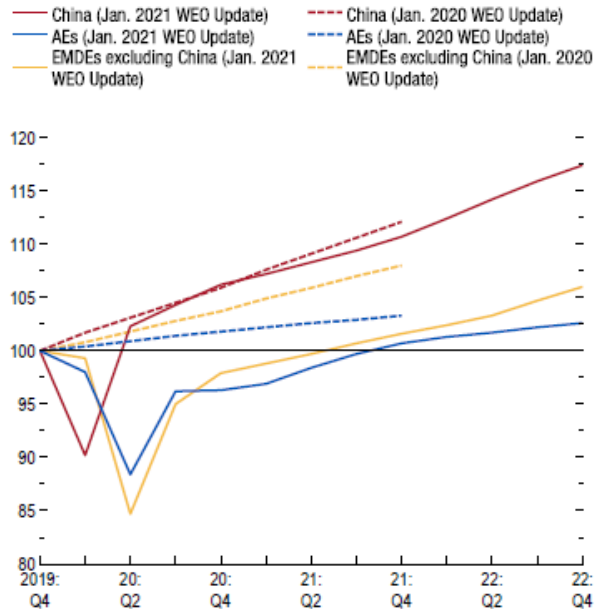
Shapes of Economic Recession and Recovery

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)

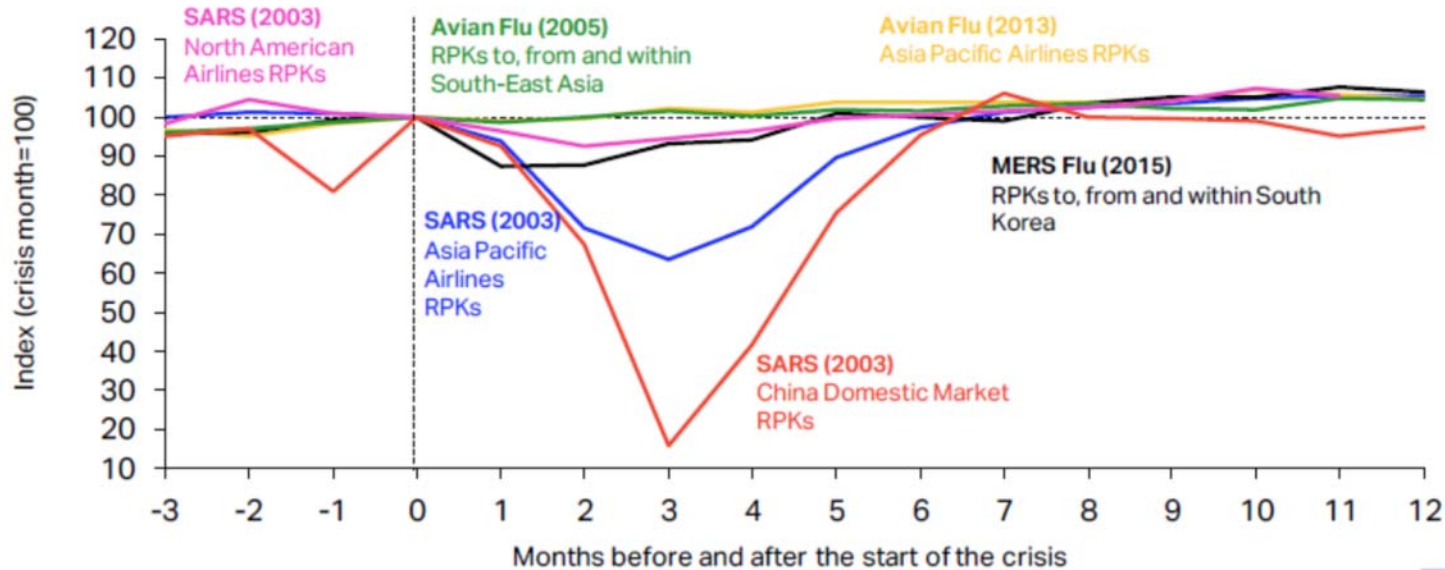


Source: IMF staff estimates.
 Note: AEs = advanced economies; EMDEs = emerging market and developing economies; WEO = World Economic Outlook.

- 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?

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

Impact of past disease outbreaks on aviation



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.**

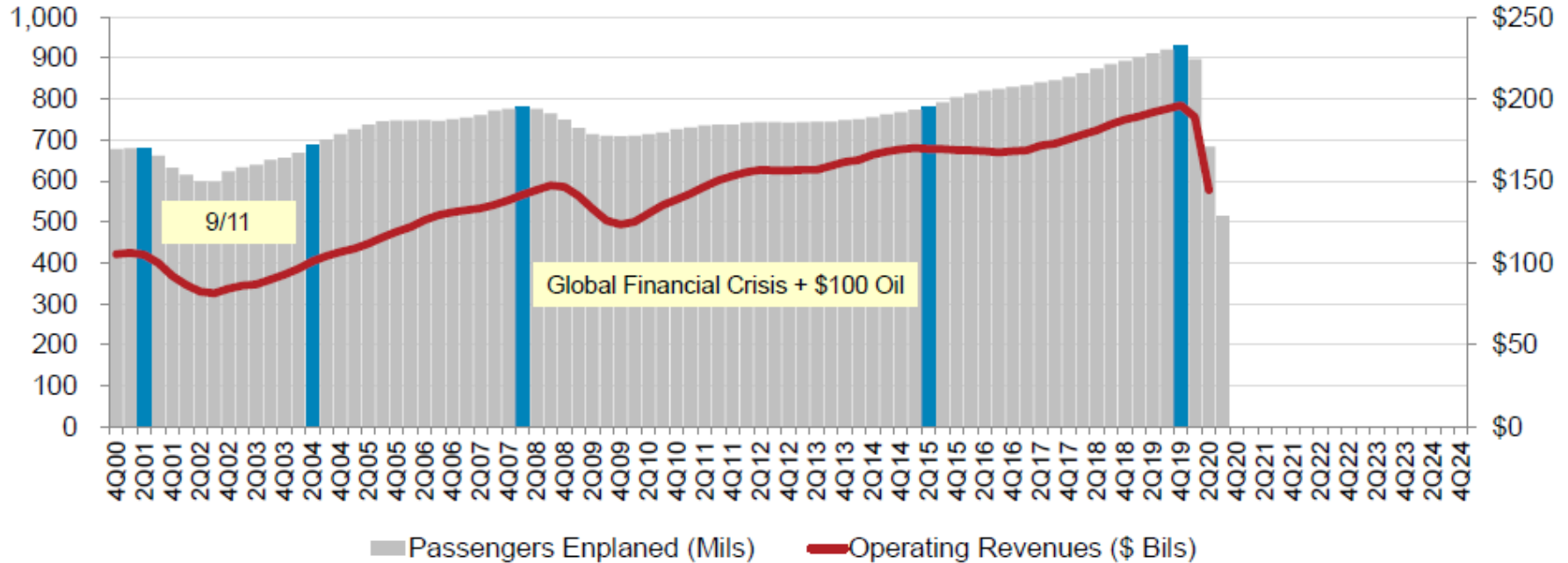
Source: IATA Economics using data from IATA Statistics

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



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

Four-Quarter Rolling Passenger Volume (Millions) and Operating Revenues (Billions)



* 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/>



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**)



- 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



- 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: 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



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 Near-term 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.



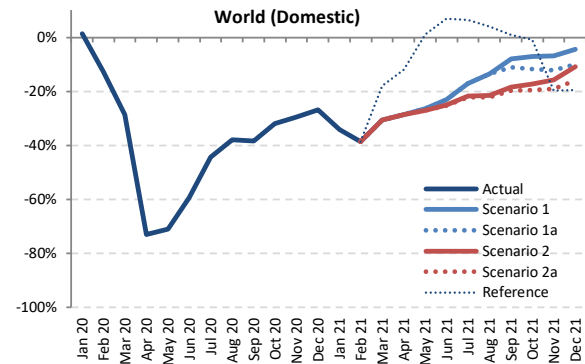
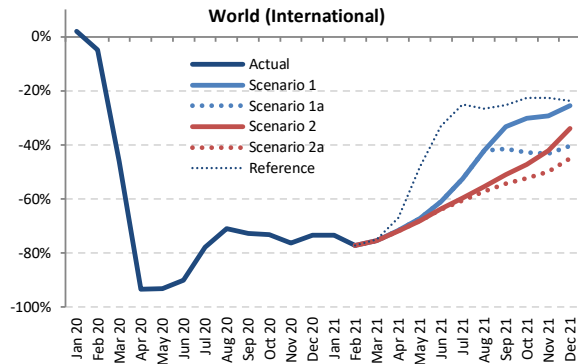
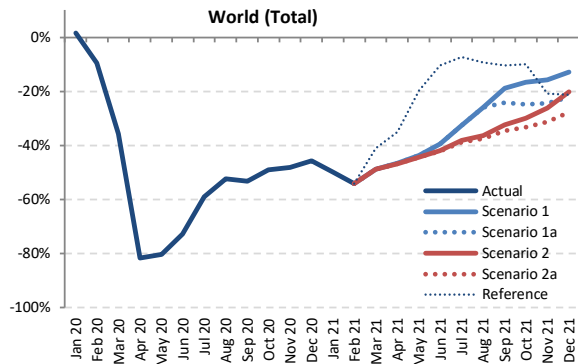
- Three (3) key impact indicators under four (4) paths of two (2) scenarios:
 - Change of passenger seat capacity (supply, %)
 - Change of passenger numbers (demand)
 - Change of gross passenger operating revenues of airlines
- Comparison to:
 - Baseline scenario
 - 2019 level
 - 2020 level (for 2021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

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



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%	-2,699	-60.2%	-1,375,663	-74.4%	-1,322,987	-50.2%	-370,609	-250,141	-120,468
1Q 2021	-50.8% to -50.8%	-75.3% to -75.3%	-34.3% to -34.3%	-666,980 to -665,842	-64.8% to -64.7%	-352,735 to -352,580	-86.4% to -86.3%	-314,245 to -313,262	-50.6% to -50.4%	-94,216 to -94,091	-65,517 to -65,486	-28,699 to -28,605
2Q 2021	-44.4% to -43.2%	-67.9% to -66.5%	-27.0% to -26.0%	-667,215 to -633,537	-58.6% to -55.6%	-382,908 to -372,285	-80.4% to -78.2%	-284,307 to -261,252	-42.9% to -39.4%	-93,630 to -89,491	-67,549 to -65,608	-26,081 to -23,884
3Q 2021	-37.0% to -25.9%	-57.4% to -42.9%	-21.4% to -12.9%	-609,017 to -404,603	-49.8% to -33.1%	-368,317 to -270,873	-69.8% to -51.3%	-240,699 to -133,731	-34.7% to -19.3%	-86,212 to -59,310	-64,456 to -47,589	-21,756 to -11,721
4Q 2021	-30.8% to -15.1%	-49.2% to -28.3%	-18.2% to -6.1%	-481,087 to -229,749	-43.9% to -21.0%	-276,869 to -158,983	-63.3% to -36.3%	-204,219 to -70,766	-31.0% to -10.8%	-69,354 to -36,008	-51,119 to -30,181	-18,235 to -5,827
Total 2021	-40.6% to -33.5%	-62.2% to -52.8%	-25.1% to -19.6%	-2,424,299 to -1,933,732	-54.0% to -43.1%	-1,380,829 to -1,154,721	-74.6% to -62.4%	-1,043,470 to -779,010	-39.6% to -29.6%	-343,412 to -278,901	-248,642 to -208,864	-94,770 to -70,037

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	-53.7% to -53.7%	-76.7% to -76.7%	-38.2% to -38.2%	-738,401 to -737,263	-67.1% to -67.0%	-378,580 to -378,425	-87.2% to -87.1%	-359,821 to -358,838	-54.0% to -53.8%	-102,997 to -102,872	-70,152 to -70,120	-32,845 to -32,751
2Q 2021	-47.4% to -46.4%	-69.9% to -68.6%	-30.6% to -29.7%	-741,434 to -707,756	-61.1% to -58.3%	-415,653 to -405,031	-81.7% to -79.6%	-325,781 to -302,726	-46.3% to -43.0%	-103,561 to -99,422	-73,589 to -71,648	-29,971 to -27,774
3Q 2021	-41.1% to -30.8%	-60.2% to -46.6%	-26.5% to -18.6%	-702,234 to -497,820	-53.4% to -37.8%	-407,049 to -309,605	-71.9% to -54.7%	-295,184 to -188,215	-39.4% to -25.1%	-98,558 to -71,656	-71,694 to -54,827	-26,864 to -16,829
4Q 2021	-34.6% to -19.8%	-52.1% to -32.5%	-22.6% to -11.1%	-553,004 to -301,666	-47.4% to -25.8%	-304,885 to -187,000	-65.5% to -40.2%	-248,119 to -114,666	-35.4% to -16.3%	-79,366 to -46,020	-57,044 to -36,105	-22,322 to -9,915
Total 2021	-44.1% to -37.4%	-64.5% to -55.7%	-29.4% to -24.2%	-2,735,073 to -2,244,505	-57.0% to -46.8%	-1,506,168 to -1,280,060	-76.2% to -64.8%	-1,228,905 to -964,445	-43.6% to -34.2%	-384,481 to -319,970	-272,479 to -232,700	-112,003 to -87,270



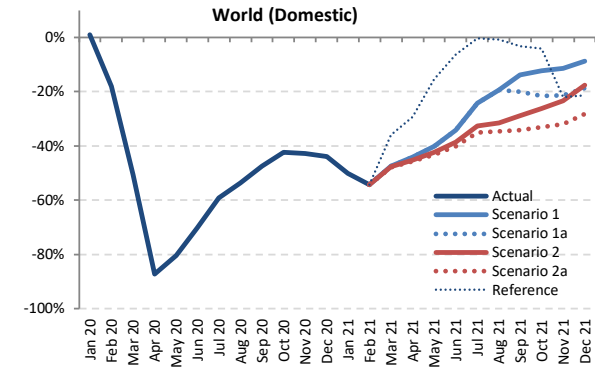
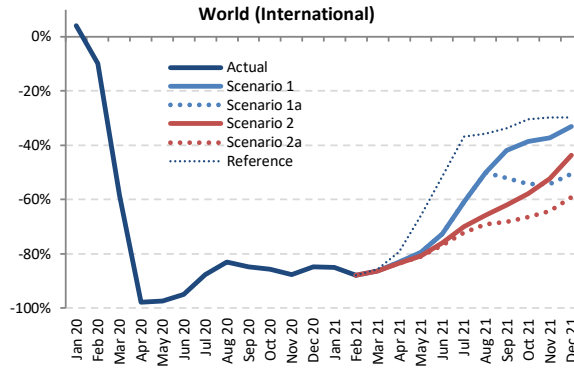
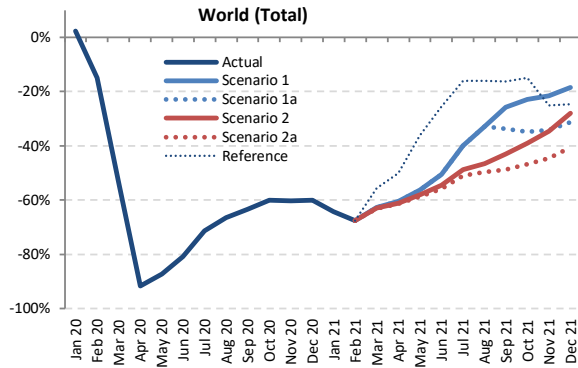
Seat Capacity (thousand) - World Total International + Domestic

Year	2019						2020						2021					
	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			
Month	a	b	c	c-a	c/a-1	c-b	d	e	e	e	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	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	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	-158,573	-35.7%	-172,553	465,168	227,766	227,766	227,766	227,766	261,909	-216,477 to -216,477	-48.7% to -48.7%	-57,720 to -57,720	-20.2% to -20.2%	-237,401 to -237,401	-51.0% to -51.0%
April	445,271	457,572	81,987	-363,283	-81.6%	-375,584	469,177	237,507	237,507	237,114	237,061	289,164	-208,209 to -207,764	-46.8% to -46.7%	155,074 to 155,519	189.1% to 189.7%	-232,656 to -232,211	-49.5% to -49.4%
May	464,948	478,703	91,502	-373,447	-80.3%	-387,202	491,057	261,821	261,821	258,757	258,478	373,564	-206,470 to -203,127	-44.4% to -43.7%	166,977 to 170,319	182.5% to 186.1%	-232,579 to -229,237	-47.4% to -46.7%
June	470,011	485,904	128,457	-341,554	-72.7%	-357,447	500,376	284,418	284,418	273,500	272,467	421,475	-197,545 to -185,594	-42.0% to -39.5%	144,009 to 155,960	112.1% to 121.4%	-227,909 to -215,958	-45.5% to -43.2%
July	498,340	515,107	204,703	-293,638	-58.9%	-310,404	535,855	336,245	336,245	308,076	305,042	462,383	-193,298 to -162,095	-38.8% to -32.5%	100,339 to 131,543	49.0% to 64.3%	-230,813 to -199,610	-43.1% to -37.3%
August	497,416	510,834	237,039	-260,377	-52.3%	-273,795	528,919	368,105	368,105	316,668	310,632	450,713	-186,784 to -129,311	-37.6% to -26.0%	73,593 to 131,066	31.0% to 55.3%	-218,287 to -160,814	-41.3% to -30.4%
September	466,668	481,357	218,612	-248,056	-53.2%	-262,745	499,667	378,643	353,900	315,299	305,073	417,916	-161,595 to -88,025	-34.6% to -18.9%	86,461 to 160,031	39.5% to 73.2%	-194,594 to -121,024	-38.9% to -24.2%
October	469,535	478,702	239,029	-230,509	-49.1%	-239,673	501,117	391,062	353,117	329,359	313,331	422,721	-156,203 to -78,473	-33.3% to -16.7%	74,302 to 152,033	31.1% to 63.6%	-181,544 to -103,814	-36.7% to -21.0%
November	431,197	439,257	223,993	-207,204	-48.1%	-215,264	452,890	363,367	325,764	317,906	296,434	341,376	-134,763 to -67,831	-31.3% to -15.7%	72,441 to 139,374	32.3% to 62.2%	-156,456 to -89,523	-34.5% to -19.8%
December	448,324	462,155	243,440	-204,885	-45.7%	-218,715	447,331	390,517	348,456	358,004	323,880	352,996	-124,444 to -57,808	-27.8% to -12.9%	80,441 to 147,077	33.0% to 60.4%	-156,549 to -89,912	-32.6% to -18.7%
1Q	1,284,219	1,334,824	1,094,034	-190,185	-14.8%	-240,790	1,363,282	631,306	631,306	631,306	631,306	665,449	-652,913 to -652,913	-50.8% to -50.8%	-462,728 to -462,728	-42.3% to -42.3%	-731,976 to -731,976	-53.7% to -53.7%
2Q	1,380,230	1,422,179	301,946	-1,078,284	-78.1%	-1,120,233	1,461,150	783,745	783,745	769,371	768,006	1,084,203	-612,224 to -596,485	-44.4% to -43.2%	466,060 to 481,799	154.4% to 159.6%	-693,144 to -677,405	-47.4% to -46.4%
3Q	1,462,425	1,507,298	660,353	-802,072	-54.8%	-846,944	1,564,441	1,082,993	1,058,250	940,044	920,747	1,331,012	-541,678 to -379,431	-37.0% to -25.9%	260,394 to 422,640	39.4% to 64.0%	-643,694 to -481,448	-41.1% to -30.8%
4Q	1,349,056	1,380,114	706,462	-642,595	-47.6%	-673,652	1,428,195	1,144,946	1,027,336	1,005,268	933,646	1,117,092	-415,411 to -204,111	-30.8% to -15.1%	227,184 to 438,484	32.2% to 62.1%	-494,549 to -283,249	-34.6% to -19.8%
Total	5,475,930	5,644,415	2,762,796	-2,713,135	-49.5%	-2,881,619	5,817,069	3,642,990	3,500,638	3,345,989	3,253,705	4,197,756	-2,222,225 to -1,832,940	-40.6% to -33.5%	490,910 to 880,195	17.8% to 31.9%	-2,563,364 to -2,174,079	-44.1% to -37.4%



Seat Capacity (thousand) - World Total International																			
Year	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	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	44,388	44,388	44,388	44,388	44,388	-135,623	-75.3%	-52,483	-54.2%	-144,351	-76.5%
April	186,932	193,072	12,235	-174,698	-93.5%	-180,837	-93.7%	199,119	52,975	52,975	52,975	52,975	52,975	-134,212	-71.7%	40,485	40.740	330.9%	333.0%
May	196,406	202,540	13,634	-182,722	-93.1%	-188,907	-93.3%	207,749	64,256	64,256	62,686	62,515	102,021	-133,891	-67.2%	48,881	50.622	358.5%	371.3%
June	203,503	210,916	20,373	-183,131	-90.0%	-190,544	-90.3%	218,921	79,552	79,552	74,016	73,390	136,425	-130,113	-60.9%	53,018	59.179	260.2%	290.5%
July	216,729	223,515	48,106	-168,623	-77.8%	-175,409	-78.5%	232,536	102,695	102,695	87,470	85,609	162,366	-131,120	-56.6%	37,503	54.588	78.0%	113.5%
August	217,510	224,145	63,311	-154,199	-70.9%	-160,834	-71.8%	233,205	126,033	126,033	96,815	92,934	159,444	-124,577	-53.3%	29,623	62.722	46.8%	99.1%
September	200,919	206,601	54,611	-146,308	-72.8%	-151,990	-73.6%	214,341	134,097	117,609	98,508	91,886	150,994	-109,033	-50.8%	37,274	79.486	68.3%	145.5%
October	195,761	199,203	52,395	-143,366	-73.2%	-146,808	-73.7%	205,257	136,660	111,750	103,241	93,205	151,476	-102,555	-50.1%	40,811	84.265	77.9%	160.8%
November	171,168	174,618	40,601	-130,567	-76.3%	-134,017	-76.7%	180,486	121,064	97,240	98,575	85,855	132,439	-85,313	-47.3%	45,253	80.462	111.5%	198.2%
December	180,939	187,587	48,010	-132,929	-73.5%	-139,576	-74.4%	195,830	134,886	108,030	119,614	99,413	138,061	-81,526	-41.4%	51,403	86.875	107.1%	181.0%
1Q	518,244	538,814	430,879	-87,365	-16.9%	-107,935	-20.0%	549,141	128,056	128,056	128,056	128,056	128,056	-390,188	-75.3%	-302,823	-70.3%	-421,085	-76.7%
2Q	586,842	606,529	46,241	-540,601	-92.1%	-560,288	-92.4%	625,788	196,782	196,782	189,448	188,625	300,342	-398,217	-63.6%	142,384	150.541	307.9%	325.6%
3Q	635,158	654,261	166,028	-469,130	-73.9%	-488,233	-74.6%	680,082	362,824	346,336	282,793	270,428	471,904	-364,730	-53.4%	104,400	196.796	62.9%	118.5%
4Q	547,868	561,408	141,006	-406,861	-74.3%	-420,402	-74.9%	581,573	392,609	317,020	321,712	278,473	421,975	-269,395	-46.5%	137,467	251.603	97.5%	178.4%
Total	2,288,112	2,361,012	784,155	-1,503,957	-65.7%	-1,576,857	-66.8%	2,436,585	1,080,272	988,195	922,008	865,583	1,322,820	-1,422,529	-59.3%	81,428	296.117	10.4%	37.8%

Seat Capacity (thousand) - World Total Domestic																				
Year	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	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	183,378	183,378	183,378	183,378	183,378	-80,854	-30.6%	-5,237	-2.8%	-93,050	-33.7%	
April	258,338	264,499	69,753	-188,585	-73.0%	-194,747	-73.6%	270,598	184,532	184,532	184,368	184,341	227,268	-73,997	-28.6%	114,588	114.779	164.3%	164.6%	
May	268,542	276,163	77,868	-190,674	-73.0%	-198,295	-71.8%	283,309	197,565	197,565	196,071	195,963	271,543	-72,578	-26.4%	118,096	119.697	151.7%	153.7%	
June	266,508	274,988	108,085	-158,423	-59.4%	-166,903	-60.7%	281,455	204,866	204,866	199,484	199,076	285,050	-67,432	-23.1%	90,991	96.781	84.2%	89.5%	
July	281,611	291,592	156,596	-125,015	-44.4%	-134,996	-46.3%	303,319	233,550	233,550	220,607	219,433	300,018	-62,178	-20.6%	62,837	76.954	40.1%	49.1%	
August	279,906	286,688	173,728	-110,178	-37.9%	-112,961	-39.4%	295,713	242,072	242,072	219,853	217,698	291,269	-62,208	-21.3%	43,971	68.344	25.3%	39.3%	
September	265,750	274,756	164,001	-101,749	-38.3%	-110,755	-40.3%	285,327	244,547	244,547	236,291	216,791	213,188	267,822	-52,562	-18.0%	49,187	80.546	30.0%	49.1%
October	273,774	279,499	186,635	-87,139	-31.8%	-92,865	-33.2%	289,618	254,402	241,367	226,118	220,126	271,245	-53,648	-19.3%	33,491	67.767	17.9%	36.3%	
November	260,029	264,639	183,392	-76,638	-29.5%	-81,247	-30.7%	272,404	242,303	228,524	219,049	210,580	208,937	-49,450	-17.7%	27,188	58.911	14.8%	32.1%	
December	267,385	274,568	195,429	-71,956	-26.9%	-79,139	-28.8%	284,599	255,631	240,426	238,390	224,467	290,935	-42,918	-15.1%	29,038	60.202	14.9%	30.8%	
1Q	765,975	796,011	663,155	-102,820	-13.4%	-132,856	-16.7%	814,141	503,250	503,250	503,250	503,250	536,849	-262,725	-49.3%	-159,904	-34.3%	-310,891	-58.2%	
2Q	793,388	815,650	255,705	-537,683	-67.8%	-559,945	-68.7%	835,362	586,963	586,963	579,923	579,381	783,861	-214,007	-26.4%	323,676	331.257	126.6%	129.5%	
3Q	827,267	853,036	494,325	-332,942	-40.2%	-358,711	-42.1%	884,359	720,169	711,913	657,251	650,319	859,109	-176,948	-19.9%	155,994	225,844	31.6%	45.7%	
4Q	801,189	818,706	565,456	-235,733	-29.4%	-253,250	-30.9%	846,622	752,337	710,316	683,557	655,173	695,117	-146,016	-17.3%	89,717	186,881	15.9%	33.0%	
Total	3,187,818	3,283,402	1,978,640	-1,209,178	-37.9%	-1,304,762	-39.7%	3,380,484	2,562,718	2,512,442	2,423,981	2,388,122	2,874,936	-799,696	-23.9%	409,482	584,078	20.7%	29.5%	



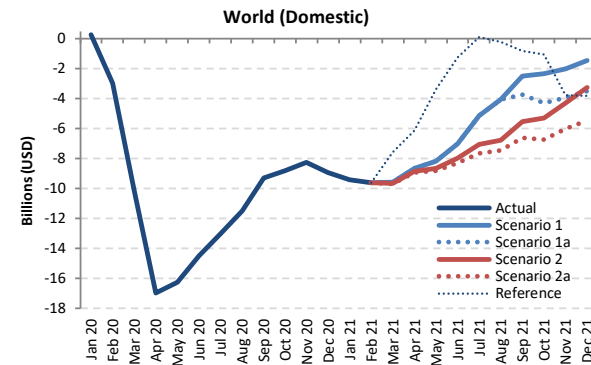
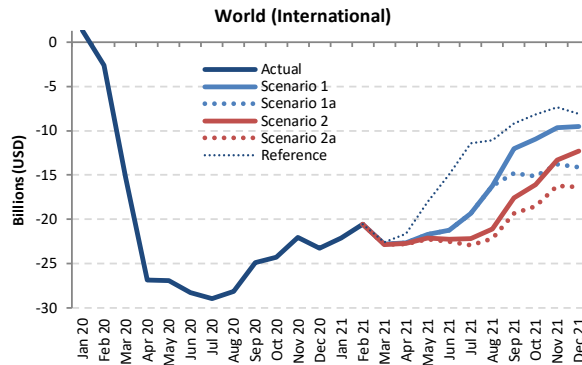
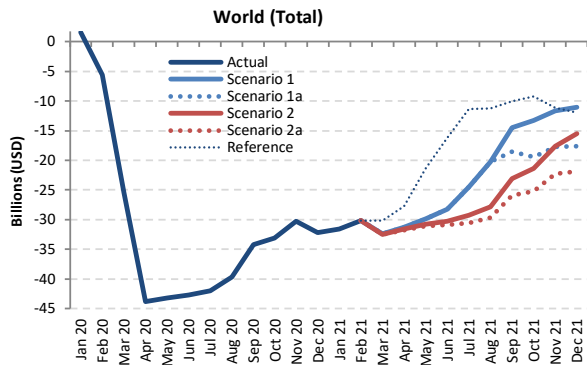
Passenger Number (thousand) - World Total International + Domestic

Year	2019							2020							2021						
	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							
Month	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	123,560	123,560	123,560	123,560	123,560	-221,198	-64.2%	-229,201	-65.0%	-244,168	-66.4%		
February	321,873	341,949	274,172	-47,701	-14.8%	-67,777	-19.8%	350,578	104,851	104,851	104,851	104,851	104,851	-217,022	-67.4%	-169,321	-61.8%	-245,726	-70.1%		
March	362,867	375,950	168,655	-194,212	-53.5%	-207,295	-55.1%	382,613	135,245	135,245	134,493	134,106	161,183	-228,761 to -227,622	-63.0% to -62.7%	-34,549 to -33,411	-20.5% to -19.8%	-248,507 to -247,369	-64.9% to -64.7%		
April	366,705	378,697	30,811	-335,893	-91.6%	-347,886	-91.9%	389,357	145,295	145,295	142,764	141,547	182,923	-225,158 to -221,410	-61.4% to -60.4%	110,736 to 114,483	359.4% to 371.6%	-247,810 to -244,062	-63.6% to -62.7%		
May	378,595	391,491	48,036	-330,560	-87.3%	-343,455	-87.7%	402,087	165,991	165,991	158,800	156,102	241,576	-222,493 to -213,005	-58.8% to -56.3%	108,066 to 117,555	225.0% to 244.7%	-245,985 to -236,496	-61.2% to -58.8%		
June	393,796	409,214	75,802	-317,994	-80.8%	-333,412	-81.5%	421,871	194,674	194,674	179,116	174,233	293,502	-219,563 to -199,123	-55.8% to -50.6%	98,430 to 118,871	129.9% to 156.8%	-247,639 to -227,198	-58.7% to -53.9%		
July	422,791	439,319	121,072	-301,719	-71.4%	-318,247	-72.4%	457,600	253,724	253,724	217,000	206,907	355,079	-215,884 to -169,067	-51.1% to -40.0%	85,835 to 132,652	70.9% to 109.6%	-250,693 to -203,876	-54.8% to -44.6%		
August	421,189	434,582	141,555	-279,634	-66.4%	-293,028	-67.4%	450,409	283,012	283,012	225,608	212,228	353,875	-208,961 to -138,176	-49.6% to -32.8%	70,673 to 141,458	49.9% to 99.9%	-238,181 to -167,397	-52.9% to -37.2%		
September	378,248	392,101	138,319	-239,929	-63.4%	-253,782	-64.7%	407,436	280,888	250,892	215,397	194,076	316,992	-184,172 to -97,360	-48.7% to -25.7%	55,757 to 142,569	40.3% to 103.1%	-213,359 to -126,548	-52.4% to -31.1%		
October	382,832	392,206	152,726	-230,106	-60.1%	-239,480	-61.1%	405,986	294,937	249,276	233,355	204,164	325,894	-178,668 to -87,895	-46.7% to -23.0%	51,438 to 142,211	33.7% to 93.1%	-201,822 to -111,049	-49.7% to -27.4%		
November	347,003	355,209	137,802	-209,201	-60.3%	-217,407	-61.2%	366,882	272,422	228,467	226,867	192,490	260,128	-154,514 to -74,581	-44.5% to -21.5%	54,687 to 134,620	39.7% to 97.7%	-174,393 to -94,460	-47.5% to -25.7%		
December	365,554	378,710	145,850	-219,705	-60.1%	-232,860	-61.5%	394,438	298,281	250,845	263,161	217,649	275,229	-147,906 to -67,273	-40.5% to -18.4%	71,799 to 152,431	49.2% to 104.5%	-176,790 to -96,157	-44.8% to -24.4%		
1Q	1,029,498	1,075,505	795,589	-233,909	-22.7%	-279,916	-26.0%	1,100,918	363,656	363,656	362,904	362,518	389,594	-666,980 to -665,842	-64.8% to -64.7%	-433,071 to -431,933	-54.4% to -54.3%	-738,401 to -737,263	-67.1% to -67.0%		
2Q	1,139,096	1,179,403	154,649	-984,447	-86.4%	-1,024,753	-86.9%	1,213,316	505,559	505,559	480,680	471,882	718,001	-667,215 to -633,537	-58.6% to -55.6%	317,232 to 350,910	205.1% to 226.9%	-741,434 to -707,756	-61.1% to -58.3%		
3Q	1,222,228	1,266,003	400,946	-821,282	-67.2%	-865,057	-68.3%	1,315,445	817,625	787,628	658,005	613,212	1,025,946	-609,017 to -404,603	-49.8% to -33.1%	212,265 to 416,679	52.9% to 103.9%	-702,234 to -497,820	-53.4% to -37.8%		
4Q	1,095,390	1,126,124	436,378	-659,012	-60.2%	-689,747	-61.2%	1,167,306	865,641	728,588	723,383	614,302	861,251	-481,087 to -229,749	-43.9% to -21.0%	177,924 to 429,263	40.8% to 98.4%	-553,004 to -301,666	-47.4% to -25.8%		
Total	4,486,212	4,647,034	1,787,562	-2,698,650	-60.2%	-2,859,472	-61.5%	4,796,986	2,552,480	2,385,430	2,224,972	2,061,913	2,994,792	-2,424,299 to -1,933,732	-54.0% to -43.1%	274,351 to 764,918	15.3% to 42.8%	-2,735,073 to -2,244,505	-57.0% to -46.8%		



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	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	20,807	20,807	20,807	20,807	20,807	-118,062	-85.0%	-123,844	-85.6%	-125,623	-85.8%	
February	126,274	134,312	113,965	-12,309	-9.7%	-20,347	-15.1%	137,129	15,374	15,374	15,374	15,374	15,374	-110,900	-87.8%	-98,591	-86.5%	-121,755	-88.8%	
March	143,342	148,787	59,947	-83,396	-58.2%	-88,841	-59.7%	150,771	19,724	19,724	19,622	19,724	19,622	-123,773	-86.2%	-40,378	-67.4%	-131,202	-87.0%	
April	152,775	158,563	3,455	-149,319	-97.7%	-155,108	-97.8%	163,234	25,919	25,919	25,388	25,163	31,563	-127,612	-83.0%	21,708	22.64%	628.2%	650.1%	
May	155,717	161,145	4,251	-151,466	-97.3%	-156,894	-97.4%	164,792	32,023	32,023	30,064	29,389	53,078	-126,327	-81.1%	25,139	27.72%	591.4%	653.3%	
June	167,747	174,732	8,306	-159,440	-95.0%	-166,425	-95.2%	180,958	46,011	46,011	40,346	38,778	81,493	-128,969	-76.9%	30,472	37.70%	366.8%	453.9%	
July	182,234	188,889	22,578	-159,657	-87.6%	-166,311	-88.0%	196,029	71,154	71,154	54,874	50,867	115,085	-131,368	-72.1%	28,289	48.57%	125.3%	215.2%	
August	183,824	190,357	31,247	-152,577	-83.0%	-159,111	-83.6%	197,555	91,653	91,653	63,099	57,015	118,294	-126,808	-69.0%	25,769	60.40%	82.5%	193.3%	
September	161,695	167,106	24,523	-137,171	-84.8%	-142,582	-85.3%	172,901	94,073	94,073	77,636	61,272	51,554	-110,141	-68.1%	27,031	69.54%	110.2%	283.6%	
October	156,574	160,000	22,468	-134,106	-85.7%	-137,531	-86.0%	164,383	96,196	96,196	66,213	52,637	108,845	-103,937	-66.4%	30,169	73.72%	134.3%	328.1%	
November	135,195	138,497	16,686	-118,509	-87.7%	-121,812	-88.0%	142,873	84,817	84,817	61,960	64,481	94,861	-86,844	-64.2%	31,665	68.13%	189.8%	408.3%	
December	145,817	151,856	22,323	-123,494	-84.7%	-129,533	-85.3%	158,347	97,591	97,591	72,022	82,201	59,370	102,347	-86,087	-59.0%	37,407	75.26%	167.6%	337.2%
1Q	408,486	426,658	318,563	-89,922	-22.0%	-108,095	-25.3%	434,330	55,905	55,905	55,905	55,905	55,905	-352,735	-86.4%	-262,813	-82.5%	-378,580	-87.2%	
2Q	476,238	494,440	16,012	-460,226	-96.6%	-478,427	-96.8%	508,984	103,953	103,953	95,999	93,331	166,133	-382,908	-78.2%	77,318	87.94%	482.9%	549.2%	
3Q	527,753	546,352	78,348	-449,405	-85.2%	-468,004	-85.7%	566,485	256,880	256,880	240,444	159,436	340,555	-368,317	-69.8%	81,088	178.53%	103.5%	227.9%	
4Q	437,587	450,353	61,477	-376,110	-86.0%	-388,876	-86.3%	465,604	278,604	278,604	205,742	212,894	160,718	306,054	-276,869	-63.3%	99,241	217.12%	161.4%	353.2%
Total	1,850,064	1,917,803	474,401	-1,375,663	-74.4%	-1,443,402	-75.3%	1,975,403	695,343	695,343	606,044	543,740	469,235	869,622	-1,380,829	-74.6%	-5,166	220.94%	-1.1%	46.6%

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	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	102,753	102,753	102,753	102,753	102,753	-103,136	-50.1%	-105,358	-50.6%	-118,545	-53.6%	
February	195,599	207,637	160,207	-35,392	-18.1%	-47,430	-22.8%	213,449	89,478	89,478	89,478	89,478	89,478	-106,121	-54.3%	-70,730	-44.1%	-123,971	-58.1%	
March	219,524	227,163	108,708	-110,816	-50.5%	-118,454	-52.1%	231,842	115,520	115,520	114,872	114,537	140,484	-104,987	-47.8%	5,829	6.81%	5.4%	6.3%	
April	213,930	220,134	27,356	-186,574	-87.2%	-192,778	-87.6%	226,123	119,375	119,375	117,375	116,384	151,360	-97,546	-44.2%	89,028	92.01%	325.4%	336.4%	
May	222,878	230,346	43,785	-197,094	-80.4%	-186,561	-81.0%	237,295	133,568	133,568	128,736	126,713	188,498	-96,166	-41.0%	82,928	89.78%	189.4%	205.1%	
June	226,049	234,843	67,496	-158,553	-70.1%	-166,987	-71.2%	240,914	148,663	148,663	138,770	135,454	212,009	-90,595	-34.2%	67,958	81.16%	100.7%	120.3%	
July	240,556	250,431	98,494	-142,062	-59.1%	-151,936	-60.7%	261,571	182,570	182,570	162,127	156,041	239,994	-84,516	-35.1%	57,546	84.07%	58.4%	85.4%	
August	237,365	244,225	110,308	-127,057	-53.5%	-133,917	-54.8%	252,854	191,359	191,359	162,509	155,213	235,581	-82,152	-36.6%	44,905	81.05%	40.7%	73.5%	
September	216,553	224,995	113,796	-110,758	-47.5%	-111,200	-49.4%	234,535	186,816	186,816	173,255	154,125	142,522	209,816	-74,031	-33.0%	28,727	73.02%	25.2%	64.2%
October	226,258	232,206	130,257	-96,000	-42.4%	-101,949	-43.9%	241,603	198,741	198,741	177,516	167,142	217,048	-74,731	-33.0%	21,270	68.84%	16.3%	52.6%	
November	211,808	216,711	121,116	-90,691	-42.8%	-95,595	-44.1%	224,009	187,605	187,605	166,507	162,386	144,138	165,266	-67,670	-32.0%	23,022	66.48%	19.0%	54.9%
December	219,737	226,854	123,527	-96,210	-43.8%	-103,327	-45.5%	236,091	200,690	200,690	178,823	180,960	157,919	172,882	-61,818	-28.1%	34,392	77.16%	27.8%	62.5%
1Q	621,012	648,846	477,025	-143,987	-23.2%	-171,821	-26.5%	666,588	307,750	307,750	307,102	306,767	332,714	-314,245	-50.6%	-170,258	-50.4%	-35.7%	-35.5%	
2Q	662,858	684,963	338,637	-324,221	-79.1%	-346,326	-79.8%	704,332	401,606	401,606	384,882	378,551	551,867	-284,307	-42.9%	239,914	262.96%	173.1%	189.7%	
3Q	694,475	719,651	322,598	-371,877	-53.5%	-397,053	-55.2%	748,960	560,745	560,745	547,184	478,761	453,776	685,391	-240,699	-33.7%	131,178	238.14%	40.7%	73.8%
4Q	657,803	675,772	374,901	-282,902	-43.0%	-300,871	-44.5%	701,703	587,036	587,036	522,845	510,488	453,584	555,197	-204,219	-31.0%	78,683	212.13%	21.0%	56.6%
Total	2,636,148	2,729,232	1,313,161	-1,322,987	-50.2%	-1,416,070	-51.9%	2,821,583	1,857,138	1,857,138	1,779,386	1,681,233	1,592,678	2,125,169	-1,043,470	-39.6%	279,516	543.97%	21.3%	41.4%



Passenger revenue (USD, million) - World Total International + Domestic

Year	2019							2020							2021						
	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			
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	e	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	13,105	13,105	13,105	13,105	13,105	-31,539	-70.6%	-33,106	-71.6%	-34,481	-72.5%		
February	41,141	43,681	35,562	-5,579	-13.6%	-8,119	-18.6%	44,699	10,983	10,983	10,983	10,983	10,983	-30,159	-73.3%	-24,579	-69.1%	-33,716	-75.4%		
March	46,611	48,073	21,235	-25,376	-54.4%	-26,838	-55.8%	48,894	14,218	14,218	14,136	14,093	16,442	-32,518 to -32,393	-69.8% to -69.5%	-7,142 to -7,017	-33.6% to -33.0%	-34,800 to -34,675	-71.2% to -70.9%		
April	47,003	48,564	3,172	-43,831	-93.3%	-45,392	-93.5%	50,020	15,688	15,688	15,395	15,256	19,218	-31,747 to -31,315	-67.5% to -66.6%	12,084 to 12,516	381.0% to 394.6%	-34,764 to -34,333	-69.5% to -68.6%		
May	48,047	49,834	4,877	-43,170	-89.8%	-44,956	-90.2%	51,311	18,141	18,141	17,320	16,997	26,647	-31,051 to -29,906	-64.6% to -62.2%	12,119 to 13,264	248.5% to 272.0%	-34,315 to -33,170	-66.9% to -64.6%		
June	50,345	52,301	7,599	-42,746	-84.9%	-44,702	-85.5%	53,994	22,075	22,075	20,125	19,513	34,101	-30,832 to -28,270	-61.2% to -56.2%	11,914 to 14,476	156.8% to 190.5%	-34,481 to -31,920	-63.9% to -59.1%		
July	54,203	56,322	12,219	-41,984	-77.5%	-44,103	-78.3%	58,751	29,712	29,712	24,930	23,606	42,902	-30,597 to -24,491	-56.4% to -45.2%	11,387 to 17,493	93.2% to 143.2%	-35,145 to -29,039	-59.8% to -49.4%		
August	54,161	55,982	14,485	-39,675	-73.3%	-41,496	-74.1%	58,190	33,870	33,870	26,283	24,489	42,884	-29,671 to -20,290	-54.8% to -37.5%	10,004 to 19,385	69.1% to 133.8%	-33,700 to -24,319	-57.9% to -41.8%		
September	48,119	49,844	13,940	-34,179	-71.0%	-35,904	-72.0%	51,888	33,590	29,560	24,996	22,175	38,123	-25,944 to -14,529	-53.9% to -30.2%	8,235 to 19,650	59.1% to 141.0%	-29,713 to -18,298	-57.3% to -35.3%		
October	48,461	49,728	15,354	-33,107	-68.3%	-34,374	-69.1%	51,626	35,170	28,990	27,109	23,215	39,206	-25,246 to -13,291	-52.1% to -27.4%	7,861 to 19,816	51.2% to 129.1%	-28,410 to -16,455	-55.0% to -31.9%		
November	44,163	45,283	13,861	-30,302	-68.6%	-31,422	-69.4%	46,948	32,468	26,441	26,568	21,900	33,056	-22,263 to -11,695	-50.4% to -26.5%	8,039 to 18,607	58.0% to 134.2%	-25,049 to -14,481	-53.4% to -30.8%		
December	47,339	49,126	15,113	-32,226	-68.1%	-34,013	-69.2%	51,402	36,318	29,695	31,795	25,495	35,407	-21,844 to -11,021	-46.1% to -23.3%	10,382 to 21,205	68.7% to 140.3%	-25,907 to -15,084	-50.4% to -29.3%		
1Q	132,397	138,036	103,007	-29,389	-22.2%	-35,029	-25.4%	141,177	38,306	38,306	38,223	38,181	40,529	-94,216 to -94,091	-71.2% to -71.1%	-64,827 to -64,702	-62.9% to -62.8%	-102,997 to -102,872	-73.0% to -72.9%		
2Q	145,395	150,698	15,649	-129,747	-89.2%	-135,050	-89.6%	155,326	55,904	55,904	52,840	51,765	79,966	-93,630 to -89,491	-64.4% to -61.6%	36,117 to 40,255	230.8% to 257.2%	-103,561 to -99,422	-66.7% to -64.0%		
3Q	156,483	162,148	40,645	-115,838	-74.0%	-121,503	-74.9%	168,828	97,172	93,142	76,209	70,271	123,909	-86,212 to -59,310	-55.1% to -37.9%	29,626 to 56,527	72.9% to 139.1%	-98,558 to -71,656	-58.4% to -42.4%		
4Q	139,964	144,137	44,328	-95,635	-68.3%	-99,808	-69.2%	149,976	103,956	85,126	85,472	70,610	107,670	-69,354 to -36,008	-49.6% to -25.7%	26,281 to 59,628	59.3% to 134.5%	-79,366 to -46,020	-52.9% to -30.7%		
Total	574,238	595,019	203,629	-370,609	-64.5%	-391,390	-65.8%	615,308	295,338	272,477	252,744	230,826	352,074	-343,412 to -278,901	-59.8% to -48.6%	27,197 to 91,708	13.4% to 45.0%	-384,481 to -319,970	-62.5% to -52.0%		

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
January	26,170	27,114	27,464	1,294	4.9%	350	1.3%	27,730	4,041	4,041	4,041	4,041	4,041	-22,129	-84.6%	-23,423	-85.3%	-23,690	-85.4%
February	23,567	25,037	20,977	-2,590	-11.0%	-4,060	-16.2%	25,499	3,019	3,019	3,019	3,019	3,019	-20,548	-87.2%	-17,958	-85.6%	-22,480	-88.2%
March	26,649	27,457	11,407	-15,242	-57.2%	-16,049	-58.5%	27,791	3,840	3,840	3,840	3,840	3,840	-22,840	-85.6%	-7,598	-66.6%	-23,982	-86.3%
April	27,581	28,574	722	-26,859	-97.4%	-27,852	-97.5%	29,462	4,932	4,932	4,831	4,787	5,919	-22,794	-82.1%	4,065	4,210	-24,675	-83.3%
May	27,736	28,837	842	-26,894	-97.0%	-27,995	-97.1%	29,655	6,010	6,010	5,647	5,518	9,718	-22,218	-78.3%	4,676	5,169	-24,138	-81.4%
June	29,710	30,847	1,470	-28,240	-95.1%	-29,378	-95.2%	31,949	8,476	8,476	7,465	7,173	14,744	-22,537	-75.9%	5,703	7,007	-24,776	-77.5%
July	32,311	33,472	3,343	-28,968	-89.7%	-30,130	-90.0%	34,838	12,960	12,960	10,109	9,372	20,919	-22,939	-59.9%	6,030	9,618	-25,465	-62.8%
August	32,648	33,853	4,483	-28,164	-86.3%	-29,369	-86.8%	35,268	16,434	16,434	11,539	10,444	21,587	-22,204	-49.7%	5,961	11,951	-24,824	-53.4%
September	28,633	29,576	3,763	-24,869	-86.9%	-25,813	-87.3%	30,724	16,608	13,818	11,045	9,319	19,470	-19,313	-42.0%	5,556	12,844	-21,405	-45.9%
October	28,049	28,741	3,752	-24,297	-86.6%	-24,989	-86.9%	29,790	17,116	12,886	11,977	9,554	19,871	-18,496	-39.0%	5,801	13,363	-20,236	-42.5%
November	25,200	25,884	3,166	-22,033	-87.4%	-22,717	-87.8%	26,912	15,507	11,412	11,916	8,966	17,870	-16,234	-38.5%	5,799	12,340	-17,947	-42.4%
December	27,503	28,613	4,226	-23,277	-84.6%	-24,387	-85.2%	29,975	17,950	13,345	15,233	11,114	19,399	-16,390	-34.7%	6,888	13,724	-18,861	-40.1%
1Q	76,386	79,608	59,849	-16,538	-21.7%	-19,759	-24.8%	81,021	10,900	10,900	10,880	10,869	11,114	-65,517	-85.8%	-48,979	-81.8%	-70,152	-86.5%
2Q	85,026	88,258	3,033	-81,993	-96.4%	-85,225	-96.6%	91,066	19,418	19,418	17,943	17,477	30,381	-67,549	-77.2%	14,444	16,386	-73,589	-78.7%
3Q	93,592	96,901	11,589	-82,002	-87.6%	-85,312	-88.0%	100,829	46,002	43,213	32,693	29,136	61,976	-64,456	-50.8%	17,546	34,413	-71,694	-54.4%
4Q	80,753	83,238	11,145	-69,608	-86.2%	-72,094	-86.6%	86,677	50,572	37,642	39,127	29,633	57,141	-51,119	-37.4%	18,488	39,427	-57,044	-41.7%
Total	335,757	348,005	85,615	-250,141	-74.5%	-262,390	-75.4%	359,593	126,893	111,174	100,643	87,115	160,612	-248,642	-74.1%	1,500	41,278	-272,479	-64.7%

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
January	18,474	19,168	18,746	272	1.5%	-422	-2.2%	19,855	9,064	9,064	9,064	9,064	9,064	-9,410	-50.9%	-9,682	-51.6%	-10,791	-54.3%
February	17,574	18,644	14,585	-2,989	-17.0%	-4,059	-21.8%	19,199	7,963	7,963	7,963	7,963	7,963	-9,611	-54.7%	-6,622	-45.4%	-11,236	-58.5%
March	19,962	20,616	9,828	-10,134	-50.8%	-10,789	-52.3%	21,103	10,378	10,378	10,316	10,284	12,388	-9,678	-48.5%	456	551	-10,818	-50.8%
April	19,422	19,990	2,450	-16,971	-87.4%	-17,540	-87.7%	20,559	10,755	10,755	10,564	10,469	13,299	-8,953	-44.6%	8,019	8,305	-10,089	-47.7%
May	20,312	20,997	4,036	-16,276	-80.1%	-16,641	-80.8%	21,656	12,131	12,131	11,673	11,479	16,928	-8,833	-40.3%	7,443	8,095	-10,177	-44.0%
June	20,635	21,454	6,130	-14,506	-70.3%	-15,324	-71.4%	22,045	13,599	13,599	12,660	12,340	19,358	-8,295	-34.1%	6,211	7,469	-9,705	-38.3%
July	21,892	22,850	8,876	-13,016	-59.5%	-13,974	-61.2%	23,913	16,751	16,751	14,821	14,234	21,984	-7,658	-23.5%	5,357	7,875	-6,079	-29.9%
August	21,513	22,129	10,002	-11,511	-53.5%	-12,127	-54.8%	22,922	17,436	17,436	14,743	14,045	21,296	-7,467	-18.9%	4,043	7,434	-8,877	-23.9%
September	19,486	20,267	10,177	-9,309	-47.8%	-10,090	-49.8%	21,164	16,982	15,742	13,951	12,856	18,653	-6,630	-12.8%	2,679	6,805	-3,808	-19.8%
October	20,412	20,987	11,602	-8,310	-43.2%	-9,385	-44.7%	21,366	18,055	16,104	15,132	13,661	19,335	-6,751	-11.5%	2,060	6,453	-4,714	-17.3%
November	18,963	19,399	10,695	-8,269	-43.6%	-8,704	-44.9%	20,036	16,961	15,029	14,652	12,934	15,186	-6,029	-10.6%	2,240	6,267	-7,102	-15.3%
December	19,836	20,513	10,887	-8,949	-45.1%	-9,625	-46.9%	21,427	18,368	16,351	15,562	14,381	16,008	-5,455	-7.4%	3,494	7,481	-7,046	-14.3%
1Q	56,010	58,428	43,159	-12,852	-22.9%	-15,269	-26.1%	60,157	27,405	27,405	27,343	27,311	29,416	-28,699	-51.2%	-15,847	-15,753	-32,845	-54.4%
2Q	60,369	62,441	12,616	-47,753	-79.1%	-49,825	-79.8%	64,260	36,485	36,485	34,897	34,288	49,585	-26,081	-39.6%	21,673	23,869	-29,971	-43.2%
3Q	62,891	65,247	29,056	-33,835	-53.8%	-36,191	-55.5%	67,999	51,170	49,929	43,516	41,613	61,933	-21,756	-18.6%	12,079	22,114	-26,864	-24.7%
4Q	59,211	60,899	33,184	-26,028	-44.0%	-27,715	-45.5%	63,299	53,384	47,483	46,345	40,977	50,529	-18,235	-9.8%	7,793	20,200	-22,322	-15.7%
Total	238,482	247,014	118,014	-120,468	-50.5%	-129,000	-52.2%	255,714	168,445	161,303	152,102	143,712	191,463	-94,770	-29.4%	25,698	50,431	-112,003	-34.1%



Estimated 2020 Results and Near-term Outlook: Region Breakdown

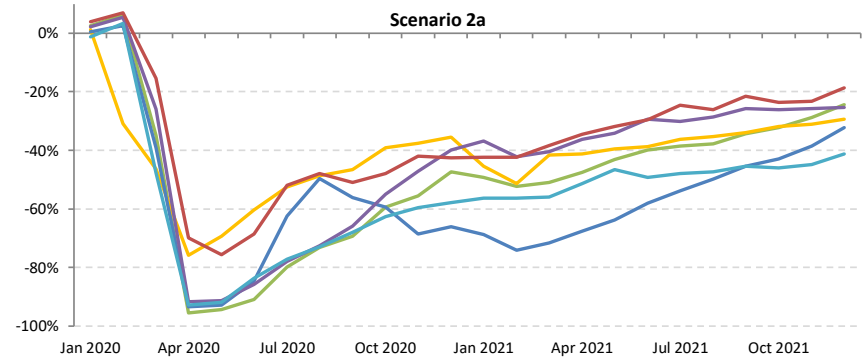
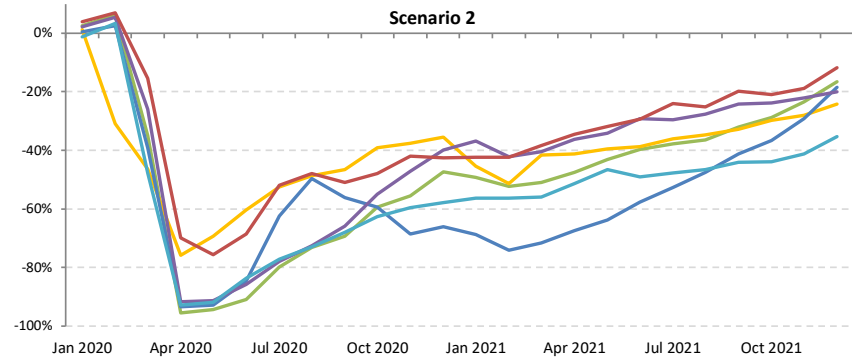
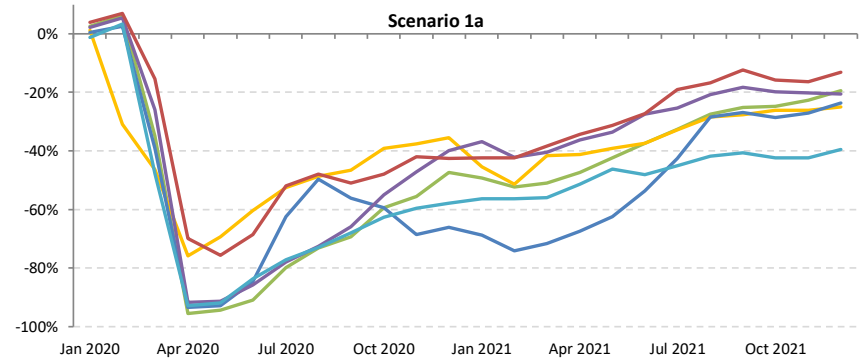
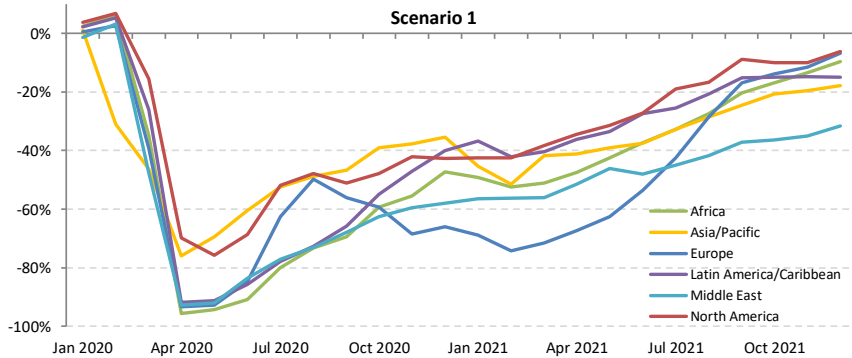
2021 figures and estimates herein reflect the latest operational data and schedules filed by airlines but are **subject to substantial changes**, and will be updated with the situation evolving and more information available.



- 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)

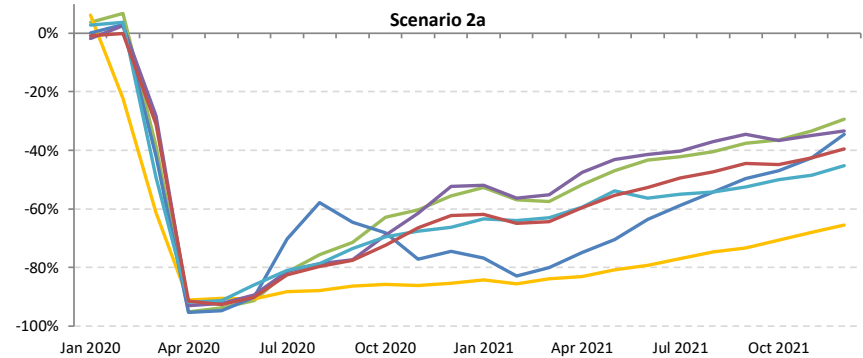
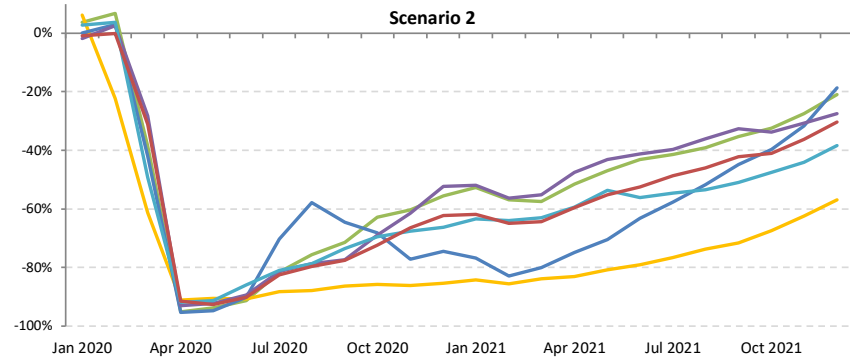
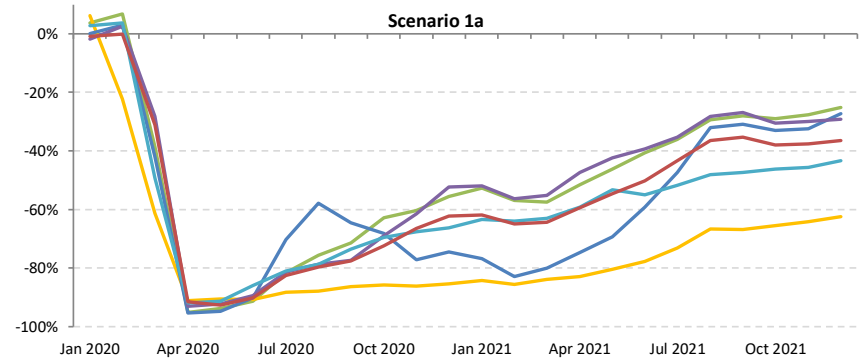
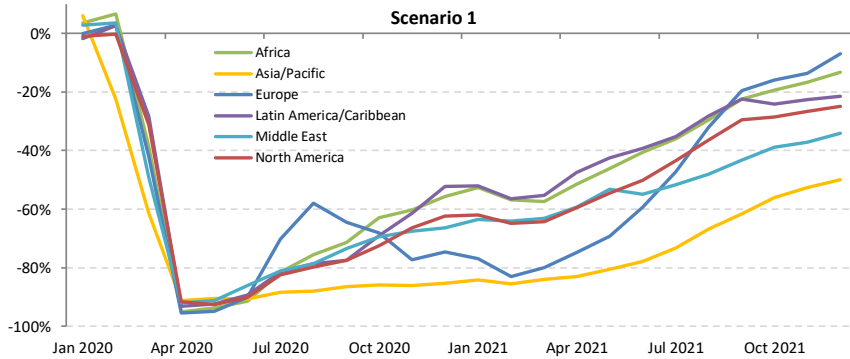


Seat capacity change compared to 2019: International + Domestic



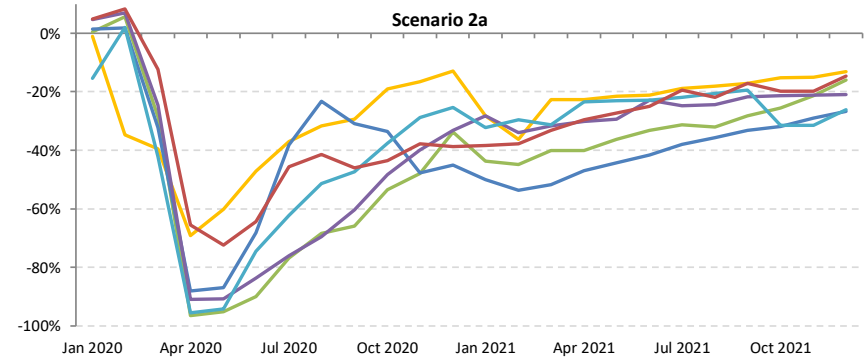
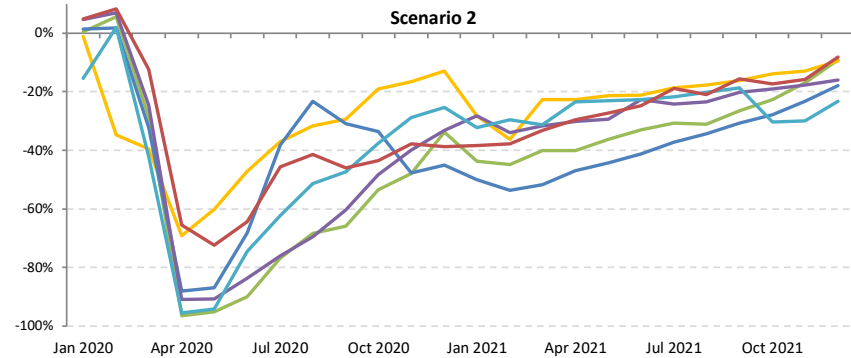
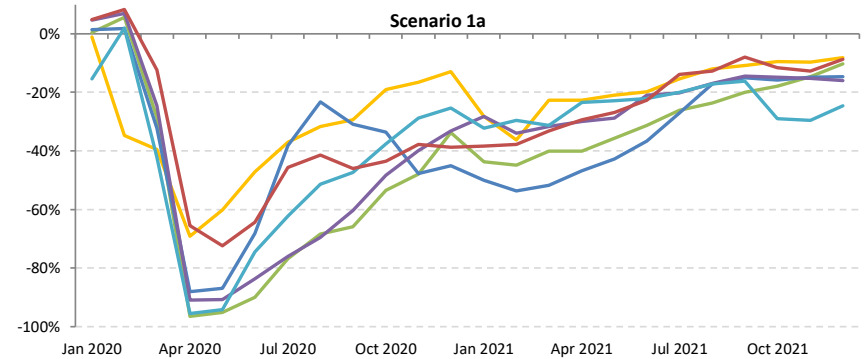
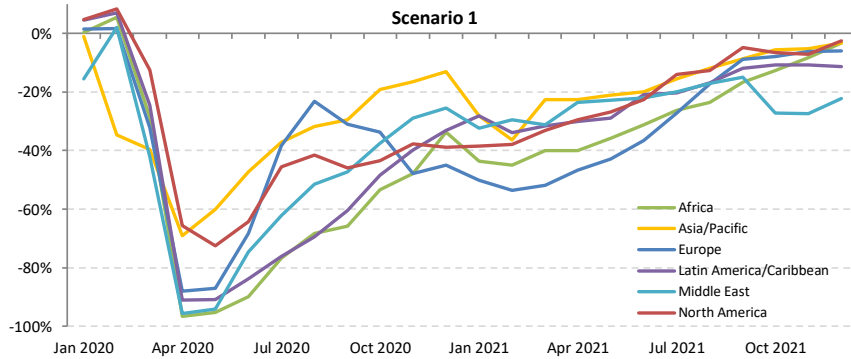


Seat capacity change compared to 2019: International



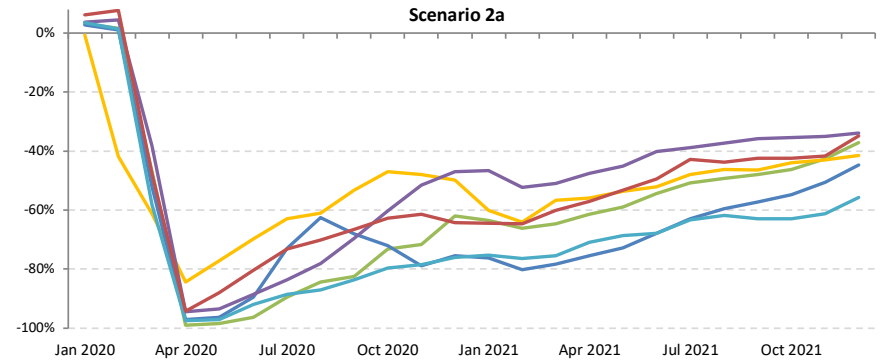
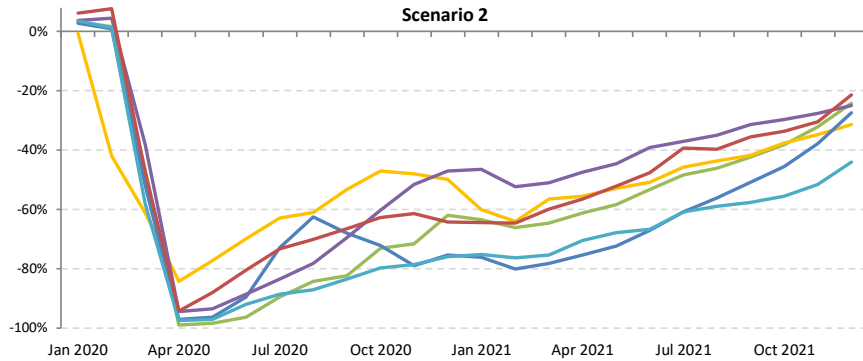
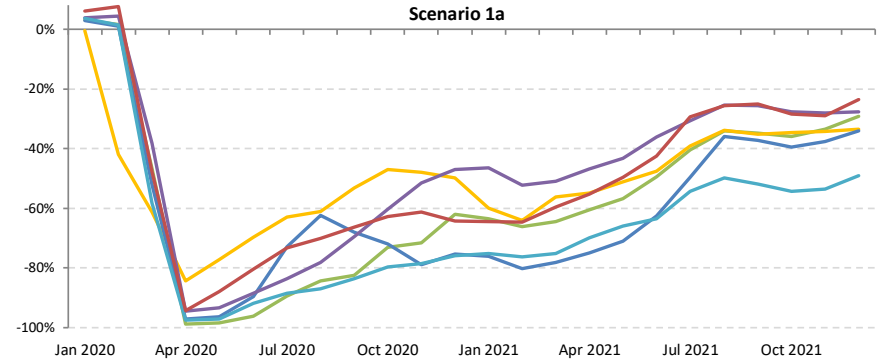
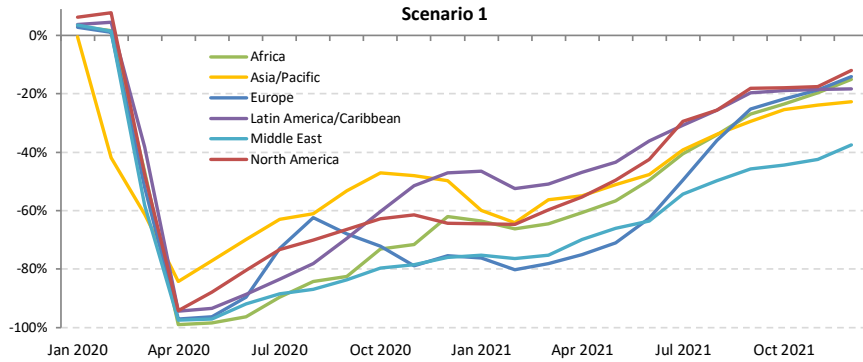


Seat capacity change compared to 2019: Domestic



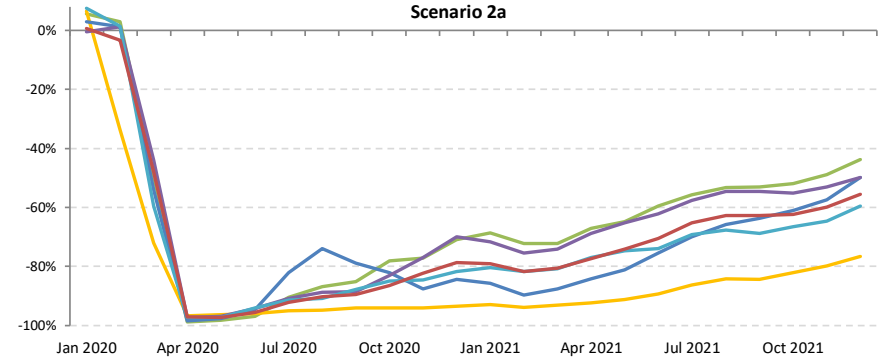
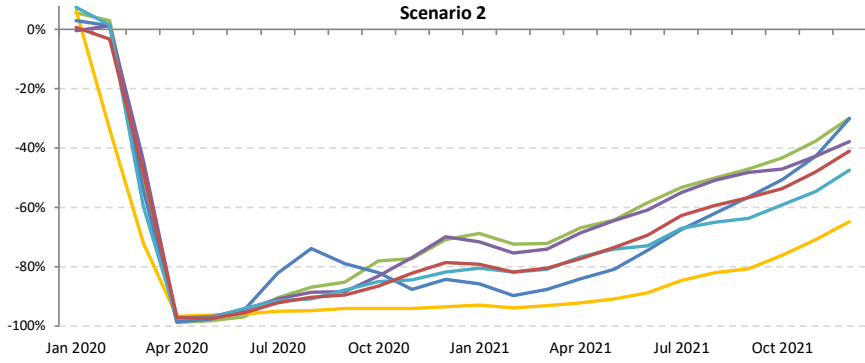
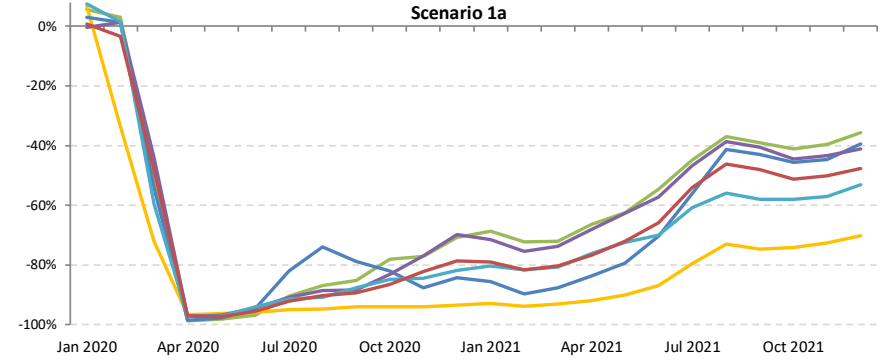
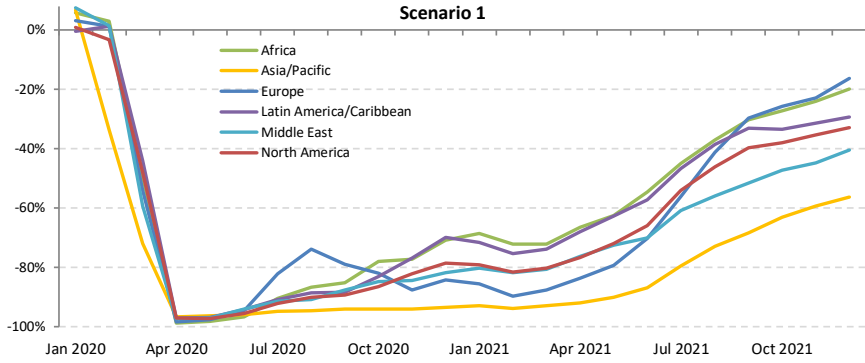


Passenger number change compared to 2019: International + Domestic



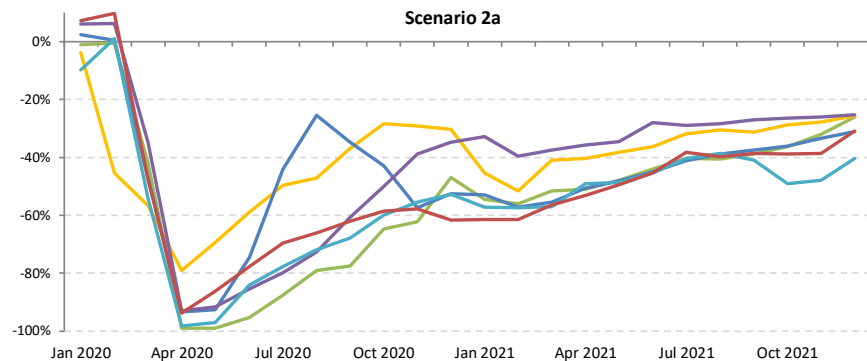
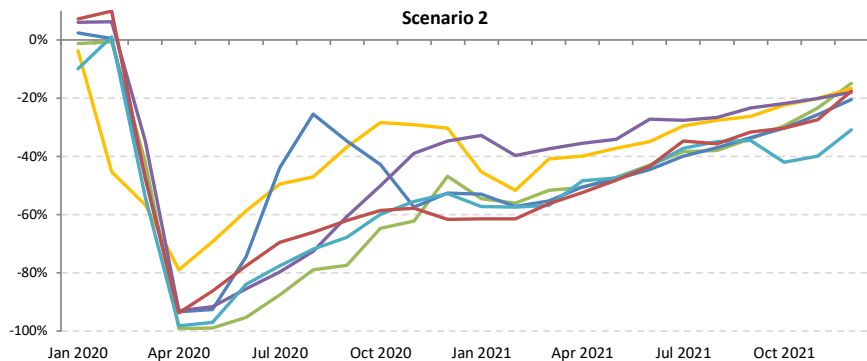
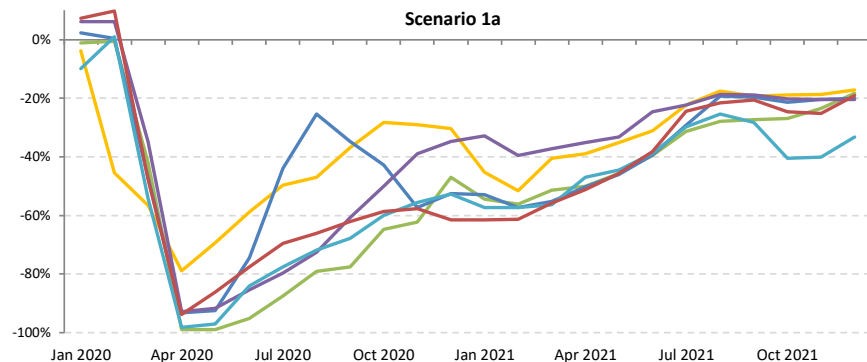
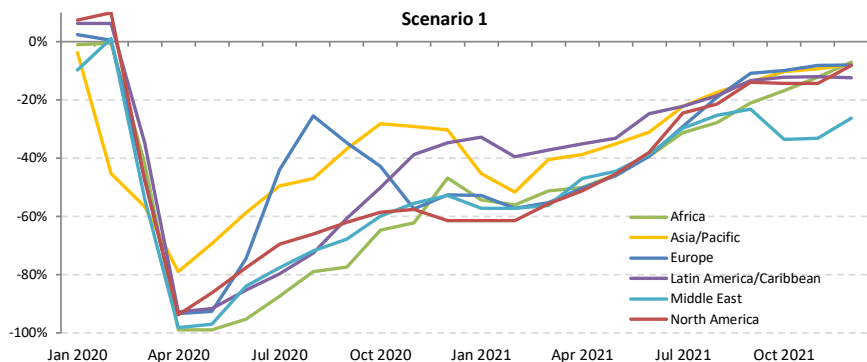


Passenger number change compared to 2019: International



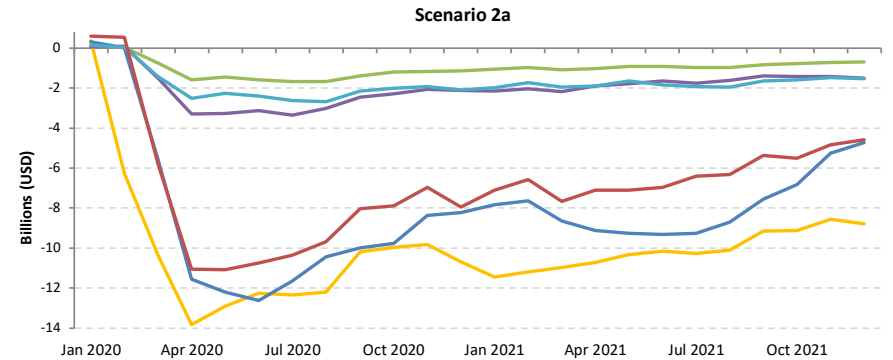
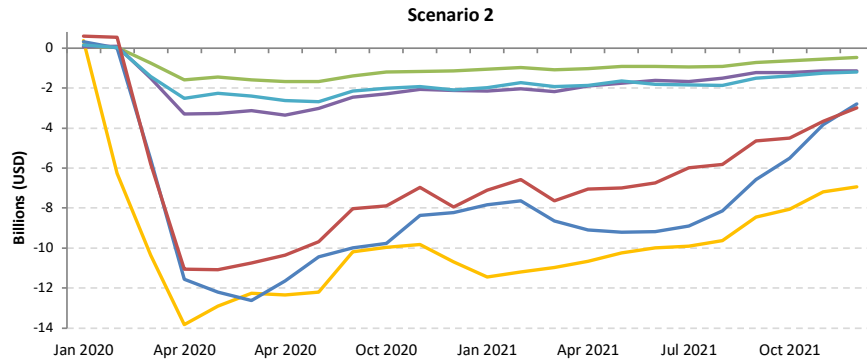
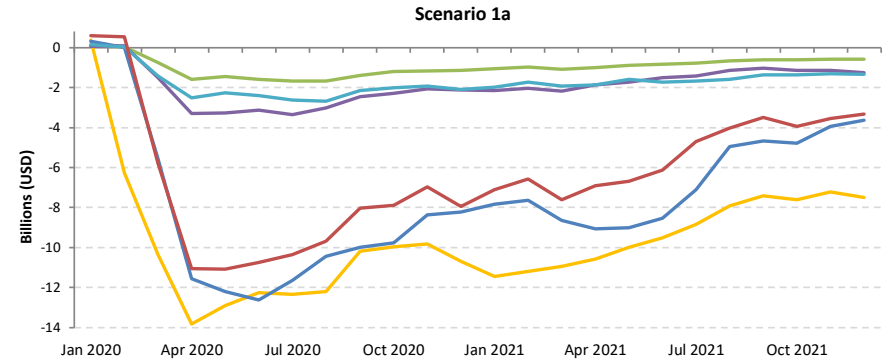
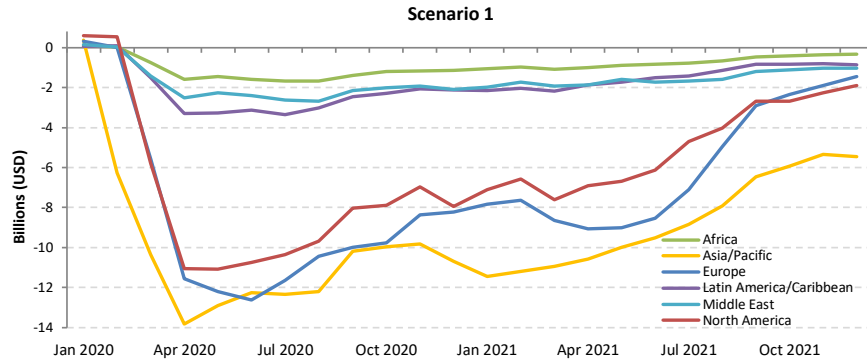


Passenger number change compared to 2019: Domestic



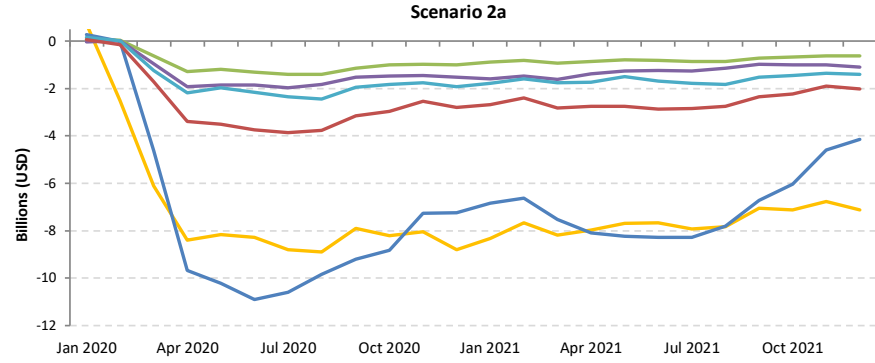
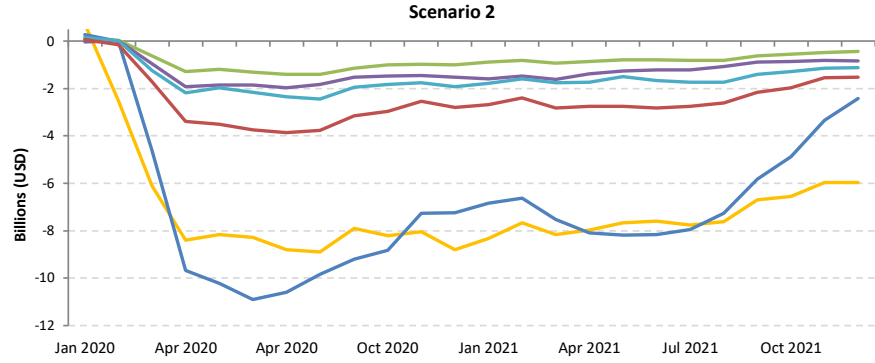
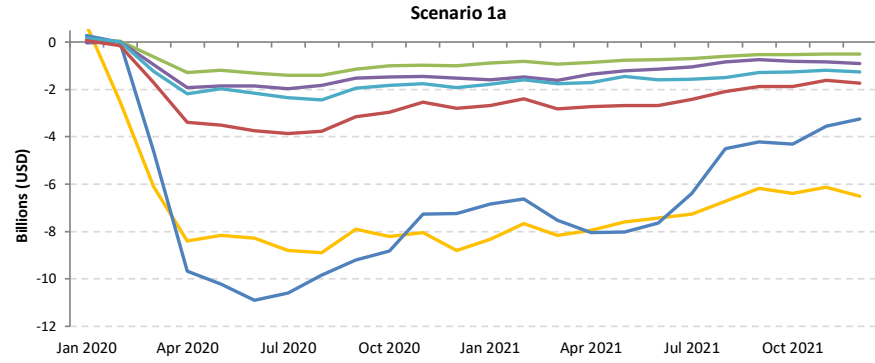
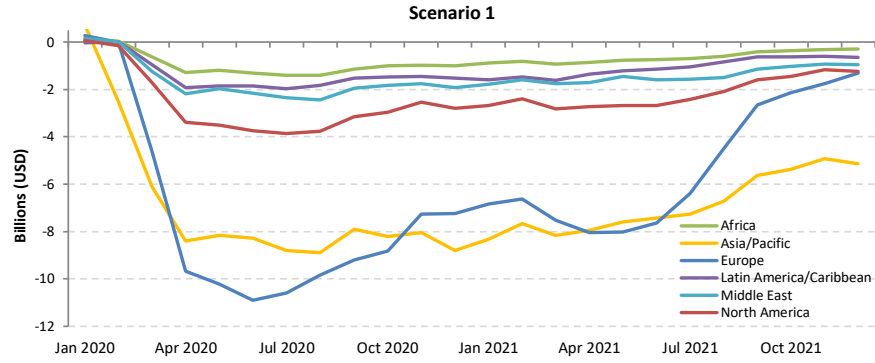


Passenger revenue change compared to 2019: International + Domestic



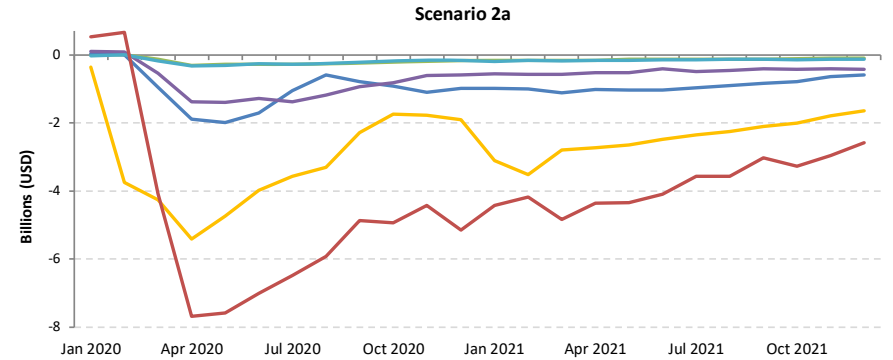
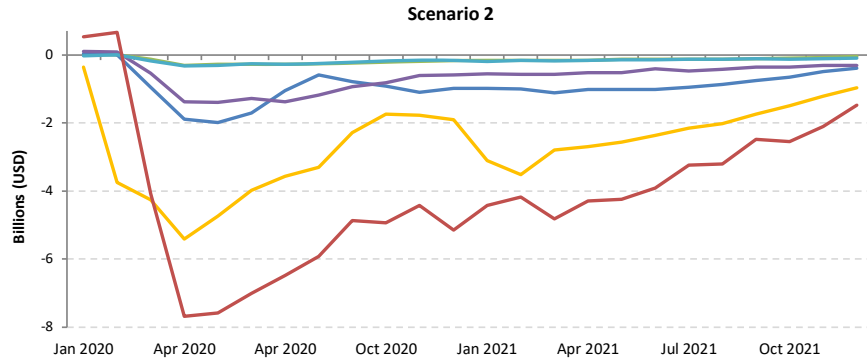
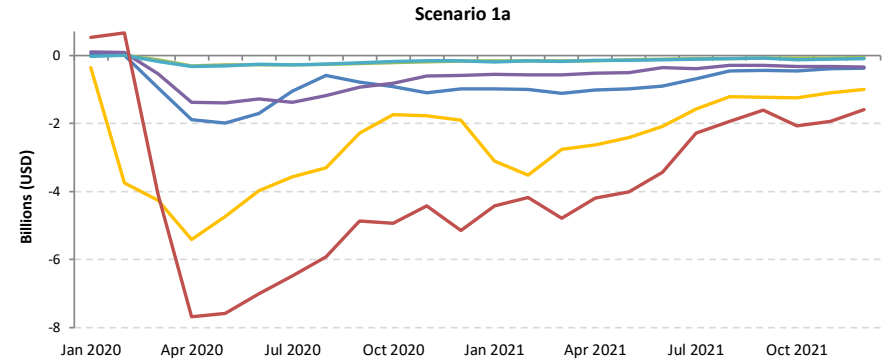
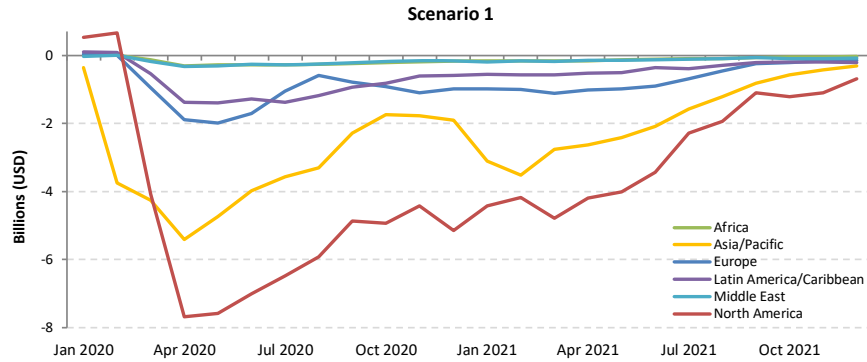


Passenger revenue change compared to 2019: International



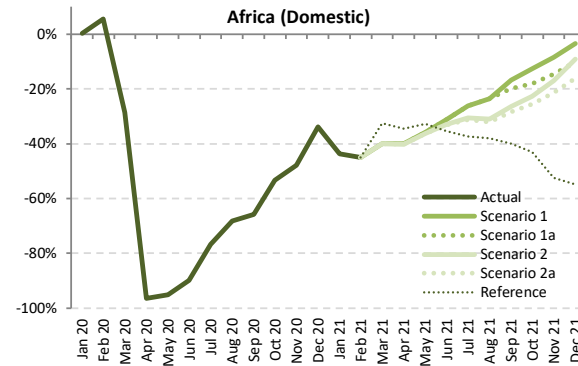
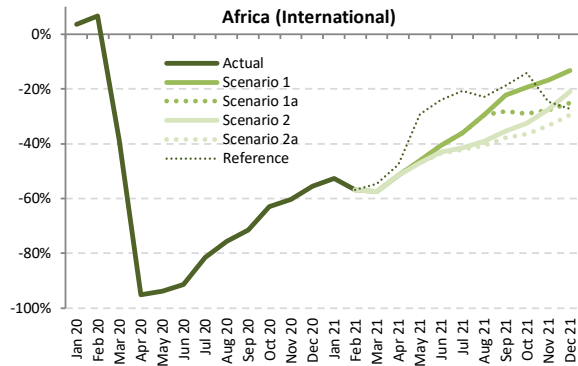
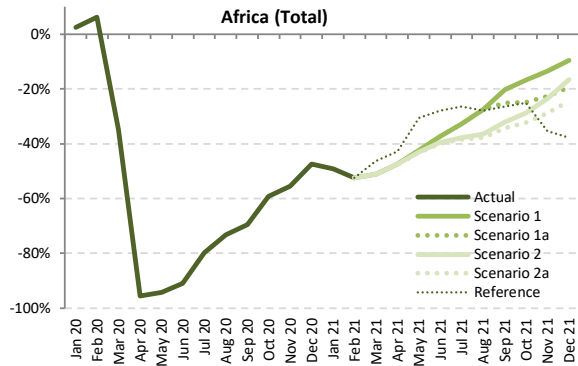


Passenger revenue change compared to 2019: Domestic



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	-50.8% to -50.8%	-55.6% to -55.6%	-42.8% to -42.8%	-17,468 to -17,449	-64.7% to -64.6%	-12,041 to -12,032	-71.0% to -71.0%	-5,427 to -5,417	-54.0% to -53.9%	-3,117 to -3,114	-2,625 to -2,623	-492 to -491
2Q 2021	-43.5% to -42.4%	-47.3% to -46.0%	-36.6% to -35.7%	-16,087 to -15,361	-58.2% to -55.6%	-11,498 to -11,019	-63.8% to -61.1%	-4,589 to -4,342	-47.8% to -45.2%	-2,859 to -2,732	-2,443 to -2,339	-416 to -394
3Q 2021	-36.9% to -27.0%	-40.2% to -29.5%	-30.5% to -22.2%	-15,621 to -10,765	-49.4% to -34.0%	-11,384 to -7,928	-54.1% to -37.7%	-4,237 to -2,837	-40.0% to -26.8%	-2,791 to -1,920	-2,407 to -1,663	-384 to -257
4Q 2021	-28.5% to -13.2%	-33.1% to -16.4%	-20.9% to -8.1%	-12,060 to -5,563	-41.8% to -19.3%	-8,685 to -4,276	-48.1% to -23.7%	-3,375 to -1,287	-31.4% to -12.0%	-2,209 to -1,073	-1,903 to -956	-306 to -117
Total 2021	-39.7% to -32.9%	-43.8% to -36.4%	-32.4% to -26.7%	-61,237 to -49,139	-53.2% to -42.7%	-43,609 to -35,256	-58.8% to -47.6%	-17,628 to -13,883	-43.0% to -33.8%	-10,976 to -8,839	-9,378 to -7,580	-1,598 to -1,258



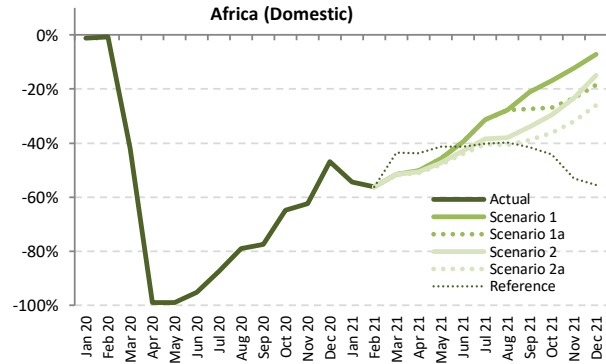
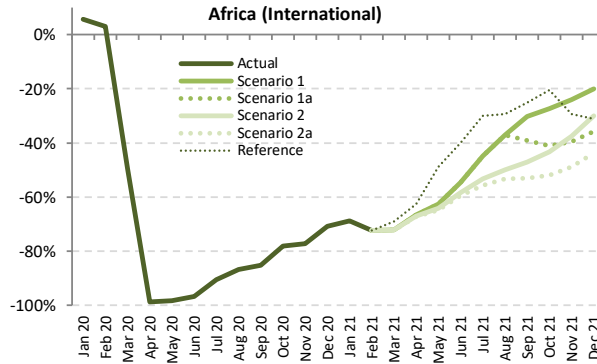
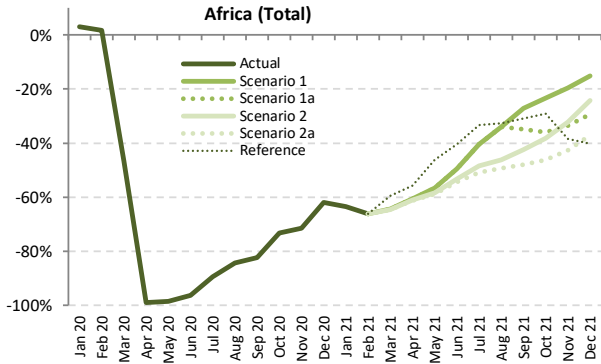
Seat Capacity (thousand) - Africa International + Domestic

Year	2019							2020							2021						
	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			
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	e	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	6,307	6,307	6,307	6,307	6,906	-6,575 to -6,575	-51.0% to -51.0%	-2,078 to -2,078	-24.8% to -24.8%	-7,702 to -7,702	-55.0% to -55.0%		
April	12,589	13,368	550	-12,039	-95.6%	-12,818	-95.9%	13,896	6,622	6,622	6,607	6,605	7,193	-5,984 to -5,967	-47.5% to -47.4%	6,055 to 6,072	1101.0% to 1104.1%	-7,290 to -7,273	-52.3% to -52.3%		
May	12,387	13,285	704	-11,684	-94.3%	-12,581	-94.7%	13,918	7,131	7,131	7,043	7,032	8,615	-5,355 to -5,256	-43.2% to -42.4%	6,329 to 6,427	899.3% to 913.3%	-6,886 to -6,787	-49.5% to -48.8%		
June	12,962	13,923	1,175	-11,787	-90.9%	-12,748	-91.6%	14,701	8,118	8,118	7,823	7,788	9,344	-5,173 to -4,844	-39.9% to -37.4%	6,613 to 6,943	562.9% to 590.9%	-6,913 to -6,583	-47.0% to -44.8%		
July	14,134	14,843	2,838	-11,296	-79.9%	-12,005	-80.9%	15,724	9,511	9,511	8,785	8,691	10,402	-5,443 to -4,623	-38.5% to -32.7%	5,853 to 6,673	206.3% to 235.2%	-7,033 to -6,213	-44.7% to -39.5%		
August	14,479	15,014	3,881	-10,598	-73.2%	-11,134	-74.2%	15,784	10,503	10,503	9,196	9,015	10,445	-5,463 to -3,976	-37.7% to -27.5%	5,135 to 6,622	132.3% to 170.6%	-6,769 to -5,281	-42.9% to -33.5%		
September	13,374	14,050	4,086	-9,287	-69.4%	-9,964	-70.9%	14,794	10,655	10,005	9,079	8,786	9,845	-4,588 to -2,719	-34.3% to -20.3%	4,699 to 6,569	115.0% to 160.8%	-6,008 to -4,138	-40.6% to -28.0%		
October	13,313	13,964	5,413	-7,900	-59.3%	-8,550	-61.2%	14,621	11,071	10,007	9,484	9,008	9,972	-4,305 to -2,243	-32.3% to -16.8%	3,595 to 5,657	66.4% to 104.5%	-5,613 to -3,550	-38.4% to -24.3%		
November	12,870	13,666	5,721	-7,149	-55.5%	-7,944	-58.1%	14,369	11,137	9,952	9,844	9,160	8,327	-3,709 to -1,733	-28.8% to -13.5%	3,439 to 5,416	60.1% to 94.7%	-5,208 to -3,232	-36.2% to -22.5%		
December	13,763	14,829	7,245	-6,518	-47.4%	-7,583	-51.1%	15,825	12,449	11,081	11,489	10,413	8,567	-3,350 to -1,314	-24.3% to -9.5%	3,168 to 5,204	43.7% to 71.8%	-5,412 to -3,375	-34.2% to -21.3%		
1Q	37,498	40,553	34,047	-3,452	-9.2%	-6,507	-16.0%	41,777	18,434	18,434	18,434	18,434	19,033	-19,064 to -19,064	-50.8% to -50.8%	-15,613 to -15,613	-45.9% to -45.9%	-23,343 to -23,343	-55.9% to -55.9%		
2Q	37,938	40,575	2,429	-35,510	-93.6%	-38,147	-94.0%	42,515	21,871	21,871	21,473	21,426	25,152	-16,512 to -16,067	-43.5% to -42.4%	18,997 to 19,442	782.2% to 800.5%	-21,089 to -20,644	-49.6% to -48.6%		
3Q	41,986	43,907	10,805	-31,181	-74.3%	-33,102	-75.4%	46,302	30,669	30,019	27,060	26,492	30,693	-15,494 to -11,317	-36.9% to -27.0%	15,687 to 19,864	145.2% to 183.8%	-19,810 to -15,632	-42.8% to -33.8%		
4Q	39,946	42,458	18,380	-21,567	-54.0%	-24,078	-56.7%	44,814	34,657	31,040	30,817	28,581	26,866	-11,365 to -5,290	-28.5% to -13.2%	10,202 to 16,277	55.5% to 88.6%	-16,233 to -10,157	-36.2% to -22.7%		
Total	157,369	167,493	65,660	-91,709	-58.3%	-101,833	-60.8%	175,407	105,631	101,363	97,784	94,933	101,744	-62,436 to -51,738	-39.7% to -32.9%	29,273 to 39,971	44.6% to 60.9%	-80,474 to -69,776	-45.9% to -39.8%		



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	3,449	3,449	3,449	3,449	3,688	-4,666 to -4,666	-57.5% to -57.5%	-1,533 to -1,533	-30.8% to -30.8%	-5,454 to -5,454	-61.3% to -61.3%
April	8,048	8,741	393	-7,655	-95.1%	-8,348	-95.5%	9,245	3,901	3,901	3,890	3,888	4,218	-4,160 to -4,147	-51.7% to -51.5%	3,495 to 3,508	889.5% to 892.8%	-5,356 to -5,344	-57.9% to -57.8%
May	7,984	8,719	495	-7,489	-93.8%	-8,224	-94.3%	9,285	4,301	4,301	4,233	4,226	5,656	-3,758 to -3,683	-47.1% to -46.1%	3,731 to 3,806	754.2% to 769.3%	-5,059 to -4,984	-54.5% to -53.7%
June	8,495	9,291	727	-7,768	-91.4%	-8,564	-92.2%	9,964	5,047	5,047	4,831	4,807	6,454	-3,689 to -3,448	-43.4% to -40.6%	4,080 to 4,320	561.3% to 594.3%	-5,157 to -4,916	-51.8% to -49.3%
July	9,364	9,969	1,731	-7,634	-81.5%	-8,238	-82.6%	10,680	5,989	5,989	5,477	5,410	7,418	-3,954 to -3,375	-42.2% to -36.0%	3,680 to 4,259	212.6% to 246.1%	-5,270 to -4,691	-49.3% to -43.9%
August	9,643	10,171	2,349	-7,294	-75.6%	-7,822	-76.9%	10,869	6,807	6,807	5,863	5,733	7,443	-3,909 to -2,836	-40.5% to -29.4%	3,385 to 4,458	144.1% to 189.8%	-5,135 to -4,062	-47.2% to -37.4%
September	8,574	9,168	2,448	-6,126	-71.5%	-6,721	-73.3%	9,750	6,660	6,162	5,549	5,343	6,965	-3,231 to -1,914	-37.7% to -22.3%	2,895 to 4,212	118.3% to 172.1%	-4,407 to -3,090	-45.2% to -31.7%
October	8,296	8,800	3,075	-5,221	-62.9%	-5,725	-65.1%	9,269	6,687	5,893	5,601	5,273	7,119	-3,023 to -1,609	-36.4% to -19.4%	2,198 to 3,612	71.5% to 117.4%	-3,996 to -2,582	-43.1% to -27.9%
November	7,916	8,486	3,140	-4,776	-60.3%	-5,346	-63.0%	8,914	6,597	5,722	5,733	5,266	5,968	-2,650 to -1,319	-33.5% to -16.7%	2,126 to 3,457	67.7% to 110.1%	-3,649 to -2,318	-40.9% to -26.0%
December	8,562	9,275	3,799	-4,762	-55.6%	-5,476	-59.0%	9,853	7,423	6,413	6,761	6,044	6,221	-2,517 to -1,139	-29.4% to -13.3%	2,245 to 3,623	59.1% to 95.4%	-3,809 to -2,431	-38.7% to -24.7%
1Q	23,488	25,788	21,140	-2,348	-10.0%	-4,648	-18.0%	26,378	10,423	10,424	10,424	10,424	10,663	-13,064 to -13,064	-55.6% to -55.6%	-10,716 to -10,716	-50.7% to -50.7%	-15,954 to -15,954	-60.5% to -60.5%
2Q	24,527	26,751	1,615	-22,913	-93.4%	-25,137	-94.0%	28,493	13,249	13,249	12,954	12,921	16,327	-11,606 to -11,278	-47.3% to -46.0%	11,307 to 11,634	700.3% to 720.6%	-15,572 to -15,244	-54.7% to -53.5%
3Q	27,581	29,308	6,527	-21,054	-76.3%	-22,781	-77.7%	31,299	19,458	18,957	16,889	16,821	21,826	-11,094 to -8,125	-40.2% to -29.5%	9,960 to 12,929	152.6% to 198.1%	-14,812 to -11,843	-47.3% to -37.8%
4Q	24,774	26,561	10,015	-14,759	-59.6%	-16,547	-62.3%	28,037	20,707	18,029	18,096	16,584	19,308	-8,190 to -4,067	-33.1% to -16.4%	6,569 to 10,692	65.6% to 106.8%	-11,454 to -7,331	-40.9% to -26.1%
Total	100,370	108,409	39,296	-61,074	-60.8%	-69,113	-63.8%	114,207	63,836	60,659	58,363	56,415	68,124	-43,955 to -36,535	-43.8% to -36.4%	17,119 to 24,540	43.6% to 62.4%	-57,792 to -50,371	-50.6% to -44.1%

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	2,858	2,858	2,858	2,858	3,218	-1,909 to -1,909	-40.1% to -40.1%	-545 to -545	-16.0% to -16.0%	-2,248 to -2,248	-44.0% to -44.0%
April	4,541	4,627	157	-4,384	-96.5%	-4,469	-96.6%	4,651	2,721	2,721	2,717	2,717	2,975	-1,824 to -1,820	-40.2% to -40.1%	2,560 to 2,564	1630.1% to 1632.9%	-1,934 to -1,930	-41.6% to -41.5%
May	4,404	4,566	209	-4,195	-95.3%	-4,357	-95.4%	4,633	2,830	2,830	2,809	2,806	2,959	-1,598 to -1,573	-36.3% to -35.7%	2,597 to 2,621	1242.7% to 1254.2%	-1,827 to -1,803	-39.4% to -38.9%
June	4,466	4,632	448	-4,018	-90.0%	-4,184	-90.3%	4,737	3,071	3,071	2,992	2,982	2,891	-1,485 to -1,396	-33.2% to -31.2%	2,534 to 2,623	565.5% to 585.4%	-1,756 to -1,667	-37.1% to -35.2%
July	4,770	4,874	1,107	-3,663	-76.8%	-3,767	-77.3%	5,044	3,522	3,522	3,308	3,280	2,984	-1,489 to -1,248	-31.2% to -26.2%	2,173 to 2,415	196.3% to 218.1%	-1,764 to -1,522	-35.0% to -30.2%
August	4,836	4,843	1,532	-3,304	-68.3%	-3,311	-68.4%	4,915	3,696	3,696	3,333	3,282	3,002	-1,554 to -1,139	-32.1% to -23.6%	1,750 to 2,164	114.2% to 141.2%	-1,633 to -1,219	-33.2% to -24.8%
September	4,800	4,881	1,639	-3,161	-65.9%	-3,243	-66.4%	5,044	3,995	3,843	3,530	3,443	2,881	-1,357 to -805	-28.3% to -16.8%	1,804 to 2,357	110.1% to 143.8%	-1,601 to -1,049	-31.7% to -20.8%
October	5,017	5,163	2,338	-2,679	-53.4%	-2,825	-54.7%	5,351	4,384	4,114	3,883	3,735	2,854	-1,282 to -633	-25.6% to -12.6%	1,397 to 2,045	59.7% to 87.5%	-1,617 to -968	-30.2% to -18.1%
November	4,954	5,180	2,581	-2,373	-47.9%	-2,598	-50.2%	5,454	4,540	4,229	4,111	3,894	2,359	-1,059 to -414	-21.4% to -8.4%	1,313 to 1,959	50.9% to 75.9%	-1,560 to -914	-28.6% to -16.8%
December	5,202	5,554	3,446	-1,756	-33.8%	-2,108	-38.0%	5,971	5,026	4,668	4,728	4,369	2,346	-833 to -175	-16.0% to -3.4%	923 to 1,581	26.8% to 45.9%	-1,603 to -945	-28.6% to -15.8%
1Q	14,010	14,765	12,907	-1,103	-7.9%	-1,859	-12.6%	15,399	8,010	8,010	8,010	8,010	8,370	-6,000 to -6,000	-42.8% to -42.8%	-4,897 to -4,897	-37.9% to -37.9%	-7,389 to -7,389	-48.0% to -48.0%
2Q	13,411	13,824	814	-12,597	-93.9%	-13,101	-94.1%	14,021	8,622	8,622	8,519	8,505	8,825	-4,906 to -4,789	-36.6% to -35.7%	7,691 to 7,808	944.8% to 959.2%	-5,517 to -5,399	-39.3% to -38.5%
3Q	14,405	14,599	4,278	-10,128	-70.3%	-10,321	-70.7%	15,003	11,613	11,061	10,171	10,005	8,867	-4,400 to -3,192	-30.5% to -22.2%	5,727 to 6,305	133.9% to 162.1%	-4,998 to -3,790	-33.3% to -25.3%
4Q	15,172	15,896	8,365	-6,807	-44.9%	-7,531	-47.4%	16,777	13,950	13,011	12,721	11,998	7,559	-3,175 to -1,222	-20.9% to -8.1%	3,633 to 5,585	43.4% to 66.8%	-4,779 to -2,827	-28.5% to -16.8%
Total	56,999	59,084	26,364	-30,635	-53.7%	-32,721	-55.4%	61,200	41,795	40,704	39,421	38,517	33,620	-18,481 to -15,204	-32.4% to -26.7%	12,154 to 15,431	46.1% to 58.5%	-22,682 to -19,405	-37.1% to -31.7%



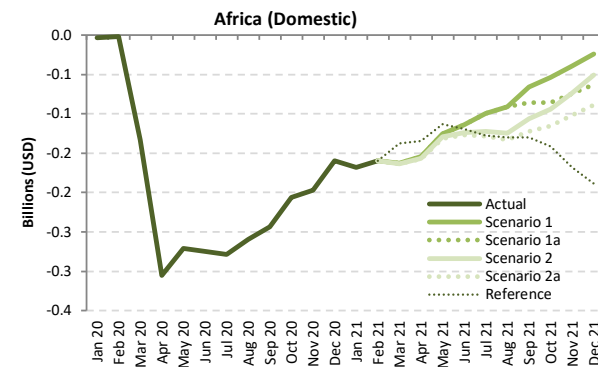
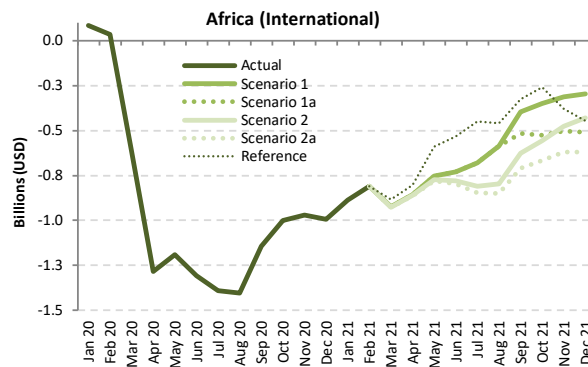
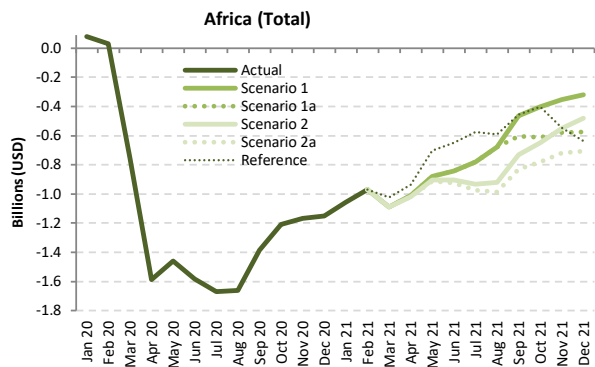
Passenger Number (thousand) - Africa International + Domestic

Year	2019														2020														2021													
	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	e	e	e	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	3,389	3,389	3,389	3,389	3,389	3,389	-5,890	-63.5%	-6,184	-64.6%	-6,957	-67.2%																						
February	8,290	9,203	8,427	137	1.6%	-777	-8.4%	9,555	2,805	2,805	2,805	2,805	2,805	-4,885	-66.2%	-5,622	-66.7%	-6,750	-70.6%																							
March	9,427	10,078	5,025	-4,403	-46.7%	-5,054	-50.1%	10,284	3,353	3,353	3,341	3,334	3,814	-6,093 to -6,074	-64.6% to -64.4%	-1,691 to -1,671	-33.6% to -33.3%	-6,949 to -6,930	-67.6% to -67.4%																							
April	9,492	10,114	103	-9,389	-98.9%	-10,011	-99.0%	10,564	3,740	3,740	3,690	3,667	4,201	-5,825 to -5,752	-61.4% to -60.6%	3,565 to 3,637	3471.4% to 3541.8%	-6,896 to -6,824	-65.3% to -64.6%																							
May	8,653	9,291	130	-8,524	-98.5%	-9,162	-98.6%	9,754	3,748	3,748	3,608	3,554	4,649	-5,100 to -4,906	-58.9% to -56.7%	3,424 to 3,618	2636.4% to 2785.7%	-6,201 to -6,007	-63.6% to -61.6%																							
June	9,498	10,250	352	-9,146	-96.3%	-9,898	-96.6%	10,895	4,795	4,795	4,446	4,335	5,657	-5,163 to -4,703	-54.4% to -49.5%	3,984 to 4,444	1132.9% to 1263.7%	-6,560 to -6,100	-60.2% to -56.0%																							
July	10,663	11,233	1,117	-9,547	-89.5%	-10,116	-90.1%	11,950	6,349	6,349	5,498	5,252	7,118	-5,411 to -4,314	-50.7% to -40.5%	4,135 to 5,233	370.3% to 468.6%	-6,698 to -5,601	-56.0% to -46.9%																							
August	11,167	11,618	1,752	-9,415	-84.3%	-9,866	-84.9%	12,269	7,368	7,368	6,011	5,671	7,518	-5,496 to -3,799	-49.2% to -34.0%	3,919 to 5,616	223.6% to 320.5%	-6,598 to -4,900	-53.8% to -39.9%																							
September	9,818	10,345	1,723	-8,095	-82.4%	-8,621	-83.3%	10,935	7,166	6,395	5,657	5,104	6,790	-4,714 to -2,652	-48.0% to -27.0%	3,381 to 5,442	196.2% to 315.8%	-5,831 to -3,769	-53.3% to -34.5%																							
October	9,519	9,998	2,556	-6,962	-73.1%	-7,442	-74.4%	10,498	7,291	6,103	5,880	5,129	6,740	-4,390 to -2,228	-46.1% to -23.4%	2,572 to 4,735	100.6% to 185.2%	-5,369 to -3,207	-51.1% to -30.5%																							
November	9,222	9,805	2,622	-6,601	-71.6%	-7,183	-73.3%	10,332	7,414	6,140	6,259	5,300	5,686	-3,922 to -1,808	-42.5% to -19.6%	2,679 to 4,793	102.2% to 182.8%	-5,032 to -2,918	-48.7% to -28.2%																							
December	10,098	10,898	3,842	-6,256	-61.9%	-7,056	-64.7%	11,662	8,571	7,141	7,645	6,350	6,047	-3,748 to -1,527	-37.1% to -15.1%	2,508 to 4,729	65.3% to 123.1%	-5,312 to -3,091	-45.6% to -26.5%																							
1Q	26,996	29,240	23,024	-3,972	-14.7%	-6,216	-21.3%	30,184	9,547	9,547	9,534	9,528	10,007	-17,468 to -17,449	-64.7% to -64.6%	-13,496 to -13,477	-58.6% to -58.5%	-20,656 to -20,637	-68.4% to -68.4%																							
2Q	27,644	29,655	584	-27,060	-97.9%	-29,071	-98.0%	31,213	12,283	12,283	11,744	11,557	14,507	-16,087 to -15,361	-58.2% to -55.6%	10,972 to 11,698	1878.2% to 2002.5%	-19,657 to -18,931	-63.0% to -60.6%																							
3Q	31,649	33,196	4,592	-27,056	-85.5%	-28,603	-86.2%	35,153	20,883	20,113	17,167	16,027	21,426	-15,621 to -10,765	-49.4% to -34.0%	11,435 to 16,291	249.0% to 354.7%	-19,126 to -14,270	-54.4% to -40.6%																							
4Q	28,839	30,701	9,020	-19,819	-68.7%	-21,680	-70.6%	32,492	23,276	19,384	19,785	16,779	18,473	-12,060 to -5,563	-41.8% to -19.3%	7,759 to 14,256	86.0% to 158.0%	-15,713 to -9,216	-48.4% to -28.4%																							
Total	115,128	122,792	37,221	-77,907	-67.7%	-85,571	-69.7%	129,043	65,989	61,327	58,229	53,891	64,413	-61,237 to -49,139	-53.2% to -42.7%	16,670 to 28,768	44.8% to 77.3%	-75,153 to -63,054	-58.2% to -48.9%																							



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
January	5,871	6,378	6,206	335	5.7%	-172	-2.7%	6,558	1,837	1,837	1,837	1,837	1,837	-2.7%	-4,034	-68.7%	-4,369	-70.4%	-4,721	-72.0%
February	5,149	5,832	5,305	156	3.0%	-527	-9.0%	6,037	1,427	1,427	1,427	1,427	1,427	-7.22%	-7.23%	-3,878	-73.1%	-4,610	-76.4%	
March	5,929	6,432	2,992	-2,937	-49.5%	-3,440	-53.5%	6,530	1,653	1,653	1,647	1,644	1,836	-4,285 to -4,276	-72.3% to -72.1%	-1,348 to -1,339	-45.1% to -44.8%	-4,886 to -4,877	-74.8% to -74.7%	
April	6,091	6,646	71	-6,020	-98.8%	-6,574	-98.9%	7,074	2,042	2,042	2,013	2,001	2,285	-4,090 to -4,049	-67.2% to -66.5%	1,930 to 1,971	2711.5% to 2769.1%	-5,073 to -5,032	-71.7% to -71.1%	
May	5,633	6,157	100	-5,533	-98.2%	-6,057	-98.4%	6,571	2,108	2,108	2,017	1,983	2,876	-3,650 to -3,526	-64.8% to -62.6%	1,883 to 2,007	1878.4% to 2002.4%	-4,588 to -4,464	-69.8% to -67.9%	
June	6,311	6,941	200	-6,111	-96.8%	-6,741	-97.1%	7,509	2,866	2,866	2,626	2,553	3,784	-3,758 to -3,445	-59.6% to -54.6%	2,352 to 2,666	1174.9% to 1331.4%	-4,956 to -4,642	-66.0% to -61.8%	
July	7,156	7,645	679	-6,477	-90.5%	-6,966	-91.1%	8,234	3,941	3,941	3,339	3,164	5,018	-3,992 to -3,214	-55.8% to -44.9%	2,485 to 3,263	366.2% to 480.7%	-5,070 to -4,293	-61.6% to -52.1%	
August	7,547	7,989	994	-6,553	-86.8%	-6,996	-87.6%	8,582	4,755	4,755	3,770	3,522	5,336	-4,025 to -2,792	-53.3% to -37.0%	2,528 to 3,761	254.4% to 378.4%	-5,060 to -3,828	-59.0% to -44.6%	
September	6,349	6,814	943	-5,406	-85.1%	-5,871	-86.2%	7,284	4,428	3,873	3,365	2,982	4,759	-3,367 to -1,921	-53.0% to -30.3%	2,039 to 3,485	216.2% to 369.5%	-4,302 to -2,856	-59.1% to -39.2%	
October	6,002	6,376	1,318	-4,684	-78.0%	-5,058	-79.3%	6,740	4,366	3,533	3,401	2,888	4,779	-3,114 to -1,636	-51.9% to -27.3%	1,570 to 3,048	119.1% to 231.3%	-3,853 to -2,374	-57.2% to -35.2%	
November	5,733	6,153	1,305	-4,428	-77.2%	-4,847	-78.8%	6,483	4,355	3,467	3,582	2,930	4,049	-2,802 to -1,378	-48.9% to -24.0%	1,625 to 3,050	124.5% to 233.7%	-3,553 to -2,128	-54.8% to -32.8%	
December	6,340	6,882	1,848	-4,493	-70.9%	-5,035	-73.2%	7,341	5,078	4,074	4,444	3,572	4,371	-2,769 to -1,262	-43.7% to -19.9%	1,724 to 3,231	93.3% to 174.8%	-3,769 to -2,262	-51.3% to -30.8%	
1Q	16,949	18,642	14,503	-2,446	-14.4%	-4,139	-22.2%	19,125	4,917	4,917	4,911	4,908	5,100	-12,041 to -10,032	-71.0% to -71.0%	-9,595 to -9,586	-66.2% to -66.1%	-14,216 to -14,207	-74.3% to -74.3%	
2Q	18,035	19,745	372	-17,663	-97.9%	-19,373	-98.1%	21,154	7,016	7,016	6,656	6,537	8,944	-11,498 to -11,019	-63.8% to -61.1%	6,165 to 6,644	1658.9% to 1787.7%	-14,617 to -14,138	-69.1% to -66.8%	
3Q	21,052	22,448	2,616	-18,436	-87.6%	-19,833	-88.3%	24,100	13,124	12,569	10,474	9,668	15,113	-11,384 to -7,928	-54.1% to -37.7%	7,052 to 10,508	269.6% to 401.8%	-14,432 to -10,976	-59.9% to -45.5%	
4Q	18,075	19,411	4,471	-13,604	-75.3%	-14,940	-77.0%	20,564	13,799	11,074	11,427	9,390	13,199	-8,685 to -4,276	-48.1% to -23.7%	4,919 to 9,328	110.0% to 208.7%	-11,174 to -6,765	-54.3% to -32.9%	
Total	74,111	80,246	21,961	-52,150	-70.4%	-58,284	-72.6%	84,942	38,856	35,575	33,468	30,503	42,356	-43,609 to -35,256	-58.8% to -47.6%	8,541 to 16,895	38.9% to 76.9%	-54,440 to -46,086	-64.1% to -54.3%	

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
January	3,408	3,580	3,367	-41	-1.2%	-213	-6.0%	3,788	1,552	1,552	1,552	1,552	1,552	-1,856	-54.5%	-1,816	-53.9%	-2,236	-59.0%
February	3,141	3,371	3,121	-19	-0.6%	-250	-7.4%	3,518	1,378	1,378	1,378	1,378	1,378	-1,763	-56.1%	-1,743	-55.9%	-2,140	-60.8%
March	3,498	3,646	2,032	-1,466	-41.9%	-1,614	-44.3%	3,753	1,700	1,700	1,693	1,690	1,978	-1,808 to -1,798	-51.7% to -51.4%	-342 to -332	-16.8% to -16.3%	-2,064 to -2,053	-55.0% to -54.7%
April	3,401	3,469	32	-3,370	-99.1%	-3,437	-99.1%	3,490	1,698	1,698	1,677	1,667	1,916	-1,735 to -1,703	-51.0% to -50.1%	1,635 to 1,666	5186.7% to 5286.0%	-1,823 to -1,792	-52.2% to -51.3%
May	3,020	3,134	30	-2,990	-99.0%	-3,104	-99.1%	3,183	1,640	1,640	1,610	1,570	1,773	-1,450 to -1,380	-48.0% to -45.7%	1,541 to 1,610	5202.1% to 5437.1%	-1,613 to -1,543	-50.7% to -48.5%
June	3,187	3,308	151	-3,036	-95.2%	-3,157	-95.4%	3,387	1,929	1,929	1,820	1,783	1,874	-1,404 to -1,258	-44.1% to -39.5%	1,631 to 1,778	1077.4% to 1174.1%	-1,604 to -1,458	-47.4% to -43.0%
July	3,508	3,588	438	-3,070	-87.5%	-3,150	-87.8%	3,716	2,408	2,408	2,159	2,088	2,100	-1,420 to -1,100	-40.5% to -31.3%	1,650 to 1,970	376.8% to 449.8%	-1,628 to -1,308	-43.8% to -35.2%
August	3,620	3,629	758	-2,862	-79.0%	-2,871	-79.1%	3,686	2,614	2,614	2,242	2,149	2,182	-1,471 to -1,007	-40.6% to -27.8%	1,390 to 1,855	183.3% to 244.6%	-1,537 to -1,073	-41.7% to -29.1%
September	3,469	3,531	780	-2,688	-77.5%	-2,750	-77.9%	3,651	2,738	2,523	2,292	2,123	2,031	-1,346 to -731	-38.8% to -21.1%	1,342 to 1,957	172.0% to 250.8%	-1,529 to -914	-41.9% to -25.0%
October	3,517	3,622	1,238	-2,278	-64.8%	-2,384	-65.8%	3,758	2,925	2,570	2,479	2,241	1,961	-1,276 to -592	-36.3% to -16.8%	1,003 to 1,686	81.0% to 136.2%	-1,517 to -833	-40.4% to -22.2%
November	3,490	3,652	1,317	-2,173	-62.3%	-2,335	-63.9%	3,849	3,060	2,673	2,677	2,370	1,637	-1,120 to -430	-32.1% to -12.3%	1,053 to 1,743	80.0% to 132.4%	-1,479 to -789	-38.4% to -20.5%
December	3,758	4,016	1,995	-1,763	-46.9%	-2,021	-50.3%	4,322	3,493	3,067	3,201	2,778	1,677	-980 to -265	-26.1% to -7.1%	784 to 1,498	39.3% to 75.1%	-1,543 to -829	-35.7% to -19.2%
1Q	10,047	10,598	8,521	-1,526	-15.2%	-2,077	-19.6%	11,060	4,630	4,630	4,623	4,619	4,908	-5,427 to -5,417	-54.0% to -53.9%	-3,901 to -3,891	-45.8% to -45.7%	-6,440 to -6,430	-58.2% to -58.1%
2Q	9,609	9,911	213	-9,396	-97.8%	-9,698	-97.9%	10,060	5,267	5,267	5,088	5,020	5,562	-4,589 to -4,342	-47.8% to -45.2%	4,807 to 5,055	2261.6% to 2377.9%	-5,040 to -4,793	-50.1% to -47.6%
3Q	10,597	10,748	1,977	-8,620	-81.3%	-8,771	-81.6%	11,054	7,569	7,544	6,983	6,360	6,313	-4,237 to -2,837	-40.0% to -26.8%	4,383 to 5,782	221.7% to 292.5%	-4,694 to -3,294	-42.5% to -29.8%
4Q	10,764	11,290	4,550	-6,215	-57.7%	-6,741	-59.7%	11,928	9,477	8,310	8,357	7,389	5,274	-3,375 to -1,287	-31.4% to -12.0%	2,840 to 4,927	62.4% to 108.3%	-4,539 to -2,451	-38.1% to -20.6%
Total	41,016	42,546	15,260	-25,757	-62.8%	-27,286	-64.1%	44,101	27,133	25,751	24,761	23,388	22,057	-17,628 to -13,883	-43.0% to -33.8%	8,128 to 11,873	53.3% to 77.8%	-20,713 to -16,968	-47.0% to -38.5%



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

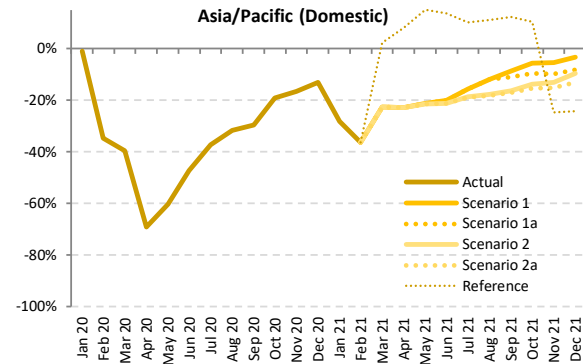
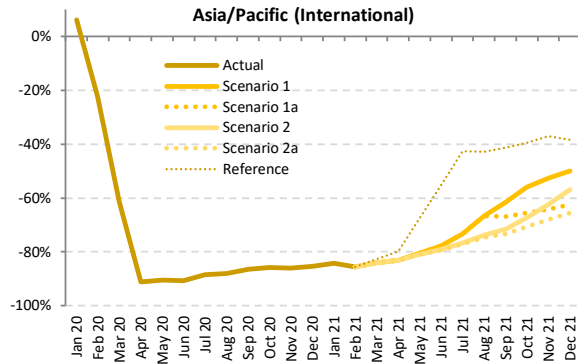
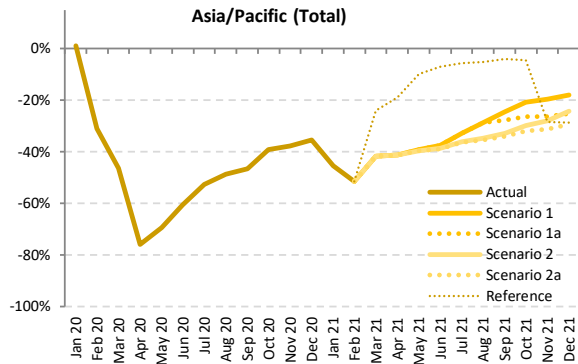
Year	2019						2020						2021						
	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	e	e	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	1,599	1,716	1,678	80	5.0%	-37	-2.2%	1,763	544	544	544	544	544	-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	438	438	438	438	438	-971	-68.9%	-1,003	-69.6%	-1,177	-72.9%
March	1,605	1,721	854	-750	-46.8%	-866	-50.4%	1,740	517	517	515	514	582	-1,091 to -1,010	-68.0% to -67.8%	-340 to -337	-39.8% to -39.5%	-1,226 to -1,223	-70.5% to -70.3%
April	1,611	1,720	21	-1,589	-98.7%	-1,699	-98.8%	1,802	601	601	593	590	674	-1,021 to -1,010	-63.4% to -62.7%	568 to 580	2644.1% to 2699.0%	-1,212 to -1,200	-67.3% to -66.6%
May	1,489	1,605	27	-1,462	-98.2%	-1,577	-98.3%	1,687	610	610	586	577	788	-913 to -879	-61.3% to -59.0%	549 to 583	2003.8% to 2125.7%	-1,110 to -1,077	-65.8% to -63.8%
June	1,644	1,769	62	-1,582	-96.2%	-1,706	-96.5%	1,880	801	801	739	720	993	-924 to -843	-56.2% to -51.3%	657 to 739	1052.0% to 1182.0%	-1,160 to -1,079	-61.7% to -57.4%
July	1,857	1,949	188	-1,669	-89.9%	-1,762	-90.4%	2,070	1,078	1,078	925	880	1,281	-976 to -779	-52.6% to -42.0%	693 to 890	369.2% to 474.2%	-1,190 to -992	-57.5% to -47.9%
August	1,948	2,025	286	-1,663	-85.3%	-1,740	-85.9%	2,142	1,271	1,271	1,026	964	1,358	-985 to -677	-50.5% to -34.8%	678 to 986	237.3% to 345.0%	-1,178 to -870	-55.0% to -40.6%
September	1,673	1,766	286	-1,388	-82.9%	-1,481	-83.8%	1,869	1,210	1,071	941	843	1,218	-831 to -464	-49.6% to -27.7%	557 to 924	195.0% to 323.4%	-1,026 to -659	-54.9% to -35.3%
October	1,615	1,691	408	-1,207	-74.8%	-1,284	-75.9%	1,776	1,213	1,001	966	833	1,215	-782 to -402	-48.4% to -24.9%	425 to 805	104.3% to 197.5%	-943 to -563	-53.1% to -31.7%
November	1,574	1,664	406	-1,168	-74.2%	-1,258	-75.6%	1,943	1,222	996	1,023	854	1,028	-720 to -352	-45.8% to -22.3%	448 to 816	110.3% to 201.1%	-889 to -521	-51.0% to -29.9%
December	1,738	1,867	585	-1,153	-66.3%	-1,282	-68.7%	1,987	1,419	1,164	1,258	1,030	1,101	-707 to -319	-40.7% to -18.4%	445 to 834	76.2% to 142.5%	-956 to -568	-48.1% to -28.6%
1Q	4,613	5,009	3,974	-639	-13.8%	-1,036	-20.7%	5,118	1,499	1,499	1,497	1,496	1,564	-3,117 to -3,114	-67.6% to -67.5%	-2,478 to -2,475	-62.4% to -62.3%	-3,622 to -3,619	-70.8% to -70.7%
2Q	4,744	5,094	111	-4,633	-97.7%	-4,983	-97.8%	5,368	2,012	2,012	1,918	1,886	2,455	-2,859 to -2,732	-60.3% to -57.6%	1,774 to 1,901	1593.3% to 1706.9%	-3,483 to -3,356	-64.9% to -62.5%
3Q	5,478	5,741	759	-4,719	-86.1%	-4,982	-86.8%	6,081	3,559	3,420	2,892	2,687	3,856	-2,791 to -1,920	-51.0% to -35.0%	1,928 to 2,800	254.0% to 368.8%	-3,394 to -2,522	-55.8% to -41.5%
4Q	4,926	5,223	1,398	-3,528	-71.6%	-3,824	-73.2%	5,506	3,853	3,162	3,246	2,717	3,344	-2,209 to -1,073	-44.9% to -21.8%	1,318 to 2,455	94.3% to 175.6%	-2,789 to -1,652	-50.7% to -30.0%
Total	19,762	21,067	6,243	-13,519	-68.4%	-14,824	-70.4%	22,073	10,923	10,092	9,552	8,785	11,218	-10,976 to -8,839	-55.5% to -44.7%	2,542 to 4,680	40.7% to 75.0%	-13,288 to -11,150	-60.2% to -50.5%

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	e	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	-68.8%	-970	-70.7%	-1,016	-71.6%
February	1,125	1,267	1,158	34	3.0%	-109	-8.6%	1,297	313	313	313	313	313	-811	-72.1%	-845	-73.0%	-983	-75.8%
March	1,288	1,390	670	-618	-48.0%	-720	-51.8%	1,399	363	363	362	361	403	-927 to -925	-72.0% to -71.8%	-309 to 429	-46.1% to -45.8%	-1,038 to -1,037	-74.2% to -74.1%
April	1,303	1,406	19	-1,284	-98.6%	-1,387	-98.7%	1,485	447	447	441	438	500	-864 to -855	-66.3% to -65.7%	420 to 429	2254.0% to 2302.1%	-1,047 to -1,038	-70.5% to -69.9%
May	1,215	1,321	25	-1,191	-98.0%	-1,296	-98.1%	1,398	461	461	441	434	627	-781 to -754	-64.3% to -62.0%	409 to 437	1656.5% to 1766.1%	-964 to -937	-68.9% to -67.0%
June	1,355	1,469	49	-1,307	-96.4%	-1,420	-96.7%	1,573	626	626	574	558	824	-797 to -729	-58.8% to -53.8%	509 to 577	1044.9% to 1184.3%	-1,015 to -947	-64.5% to -60.2%
July	1,539	1,624	148	-1,391	-90.4%	-1,476	-90.9%	1,733	859	859	729	691	1,090	-848 to -679	-55.1% to -44.2%	543 to 711	367.1% to 480.7%	-1,042 to -874	-60.1% to -50.4%
August	1,620	1,696	217	-1,403	-86.6%	-1,479	-87.2%	1,807	1,034	1,034	823	769	1,160	-851 to -586	-52.5% to -36.2%	552 to 817	254.5% to 376.8%	-1,039 to -773	-57.5% to -42.8%
September	1,359	1,446	215	-1,144	-84.2%	-1,231	-85.1%	1,538	962	842	734	650	1,034	-708 to -397	-52.1% to -29.2%	435 to 747	202.5% to 347.3%	-888 to -576	-57.7% to -37.5%
October	1,296	1,363	295	-1,001	-77.2%	-1,068	-78.3%	1,435	948	768	741	630	1,037	-666 to -348	-51.4% to -26.9%	334 to 652	113.2% to 220.8%	-806 to -488	-56.1% to -34.0%
November	1,258	1,333	287	-971	-77.2%	-1,047	-78.5%	1,394	945	754	780	639	879	-619 to -313	-49.2% to -24.9%	352 to 658	122.9% to 229.7%	-755 to -449	-54.2% to -32.2%
December	1,397	1,503	404	-993	-71.1%	-1,099	-73.1%	1,595	1,102	886	967	949	949	-618 to -295	-44.3% to -21.1%	374 to 698	92.7% to 172.7%	-816 to -493	-51.2% to -30.9%
1Q	3,702	4,049	3,202	-501	-13.5%	-847	-20.9%	4,115	1,079	1,079	1,078	1,077	1,119	-2,625 to -2,623	-70.9% to -70.9%	-2,125 to -2,123	-66.4% to -66.3%	-3,038 to -3,036	-73.8% to -73.8%
2Q	3,873	4,196	92	-3,781	-97.6%	-4,104	-97.8%	4,457	1,535	1,535	1,457	1,431	1,951	-2,443 to -2,339	-63.1% to -60.4%	1,339 to 1,443	1453.5% to 1566.5%	-3,026 to -2,922	-67.9% to -65.6%
3Q	4,518	4,767	580	-3,938	-87.2%	-4,187	-87.8%	5,079	2,855	2,736	2,285	2,111	3,284	-2,407 to -1,663	-53.3% to -36.8%	1,531 to 2,275	264.0% to 392.4%	-2,968 to -2,224	-58.4% to -43.8%
4Q	3,950	4,199	986	-2,964	-75.0%	-3,213	-76.5%	4,425	2,994	2,408	2,488	2,047	2,865	-1,903 to -956	-48.2% to -24.2%	1,061 to 2,008	107.6% to 203.7%	-2,378 to -1,430	-53.7% to -32.3%
Total	16,044	17,210	4,860	-11,184	-69.7%	-12,351	-71.8%	18,075	8,463	7,758	7,308	6,665	9,219	-9,378 to -7,580	-58.5% to -47.2%	1,806 to 3,604	37.2% to 74.2%	-11,410 to -9,612	-63.1% to -53.2%

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	e	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	141	141	141	141	141	-168	-54.5%	-165	-53.9%	-203	-59.0%
February	285	306	283	-2	-0.6%	-23	-7.4%	319	125	125	125	125	125	-160	-56.1%	-158	-55.9%	-194	-60.8%
March	317	331	184	-133	-41.9%	-146	-44.3%	340	154	154	153	153	179	-164 to -163	-51.7% to -51.4%	-31 to -30	-16.8% to -16.3%	-187 to -186	-55.0% to -54.7%
April	308	314	3	-305	-99.1%	-312	-99.1%	316	154	154	152	151	174	-157 to -154	-51.0% to -50.1%	148 to 151	5186.7% to 5286.0%	-165 to -162	-52.2% to -51.3%
May	274	284	3	-271	-99.0%	-281	-99.1%	289	149	149	144	142	161	-131 to -125	-48.0% to -45.7%	140 to 146	5202.1% to 5437.1%	-146 to -140	-50.7% to -48.5%
June	289	300	14	-275	-95.2%	-286	-95.4%	307	175	175	165	162	170	-127 to -114	-44.1% to -39.5%	148 to 161	1077.4% to 1174.1%	-145 to -132	-47.4% to -43.0%
July	318	325	40	-278	-87.5%	-286	-87.8%	337	218	218	188	189	190	-129 to -100	-40.5% to -31.3%	150 to 179	376.8% to 449.8%	-148 to -119	-43.8% to -35.2%
August	328	329	69	-259	-79.0%	-260	-79.1%	334	237	237	203	195	198	-139 to -91	-40.6% to -27.8%	126 to 168	183.3% to 244.6%	-139 to -97	-41.7% to -29.1%
September	314	320	71	-244	-77.5%	-249	-77.9%	331	248	239	208	192	184	-122 to -66	-38.8% to -21.1%	122 to 177	172.0% to 250.8%	-139 to -83	-41.9% to -25.0%
October	319	328	112	-207	-64.8%	-216	-65.8%	341	265	233	225	203	178	-116 to -54	-36.3% to -16.8%	91 to 153	81.0% to 136.2%	-137 to -76	-40.4% to -22.2%
November	316	331	119	-197	-62.3%	-212	-63.9%	349	277	242	243	215	148	-102 to -39	-32.1% to -12.3%	95 to 158	80.0% to 132.4%	-134 to -72	-38.4% to -20.5%
December	341	364	181	-160	-46.9%	-183	-50.3%	392	317	278	290	252	152	-89 to -24	-26.1% to -7.1%	71 to 136	39.3% to 75.1%	-140 to -75	-35.7% to -19.2%
1Q	911	961	772	-138	-15.2%	-188	-19.6%	1,003	420	420	419	419	445	-492 to -491	-54.0% to -53.9%	-354 to -353	-45.8% to -45.7%	-584 to -583	-58.2% to -58.1%
2Q	871	898	19	-852	-97.8%	-879	-97.9%	912	477	477	461	455	504	-416 to -394	-47.8% to -45.2%	436 to 458	2261.6% to 2377.9%	-457 to -434	-50.1% to -47.6%
3Q	961	974	179	-781	-81.3%	-795	-81.6%	1,002	703	684	607	576	572	-384 to -257	-40.0% to -26.8%	397 to 524	221.7% to 292.5%	-425 to -299	-42.5% to -29.8%
4Q	976	1,023	412	-563	-57.7%	-611	-59.7%	1,081	859	753	758	670	478	-306 to -117	-31.4% to -12.0%	257 to 447	62.4% to 108.3%	-411 to -222	-38.1% to -20.6%
Total	3,718	3,857	1,383	-2,335	-62.8%	-2,473	-64.1%	3,998	2,460	2,334	2,244	2,120	1,999	-1,598 to -1,258	-43.0% to -33.8%	737 to 1,076	53.3% to 77.8%	-1,878 to -1,538	-47.0% to -38.5%

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	-46.0% to -46.0%	-84.6% to -84.6%	-28.9% to -28.9%	-245,328 to -244,819	-60.2% to -60.0%	-114,256 to -114,218	-93.3% to -93.3%	-131,071 to -130,601	-45.9% to -45.8%	-33,596 to -33,551	-24,172 to -24,163	-9,423 to -9,387
2Q 2021	-39.8% to -39.2%	-81.1% to -80.5%	-21.8% to -21.2%	-221,783 to -210,645	-53.9% to -51.2%	-110,698 to -109,071	-91.0% to -89.7%	-111,085 to -101,574	-38.3% to -35.0%	-31,195 to -30,096	-23,339 to -22,968	-7,856 to -7,128
3Q 2021	-35.2% to -28.7%	-75.1% to -67.2%	-18.0% to -12.1%	-204,694 to -149,599	-46.9% to -34.3%	-108,255 to -94,135	-84.9% to -73.9%	-96,440 to -55,464	-31.2% to -18.0%	-29,516 to -23,222	-22,804 to -19,616	-6,713 to -3,605
4Q 2021	-30.8% to -19.4%	-68.0% to -52.8%	-14.5% to -4.7%	-181,495 to -101,892	-42.8% to -24.0%	-99,232 to -74,304	-79.4% to -59.5%	-82,263 to -27,587	-27.5% to -9.2%	-26,454 to -16,738	-21,018 to -15,433	-5,435 to -1,305
Total 2021	-37.9% to -33.2%	-77.1% to -71.1%	-20.7% to -16.6%	-853,300 to -706,955	-50.8% to -42.1%	-432,441 to -391,729	-87.1% to -78.9%	-420,858 to -315,226	-35.5% to -26.6%	-120,760 to -103,606	-91,333 to -82,180	-29,427 to -21,426



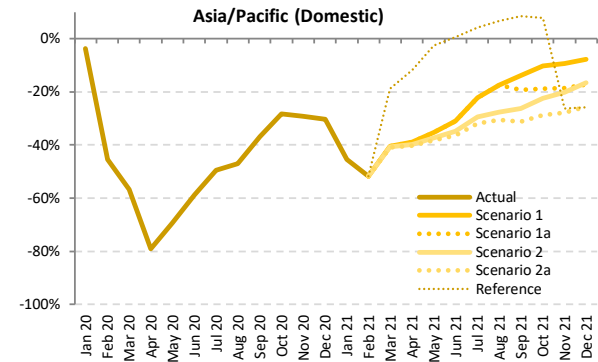
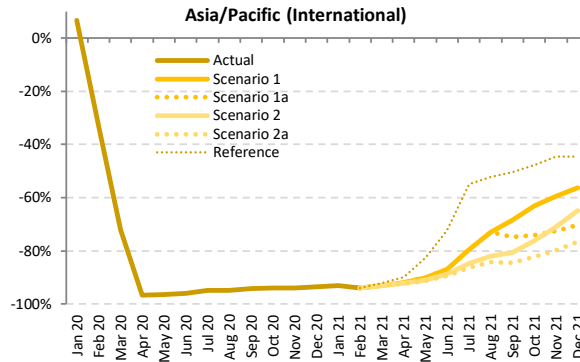
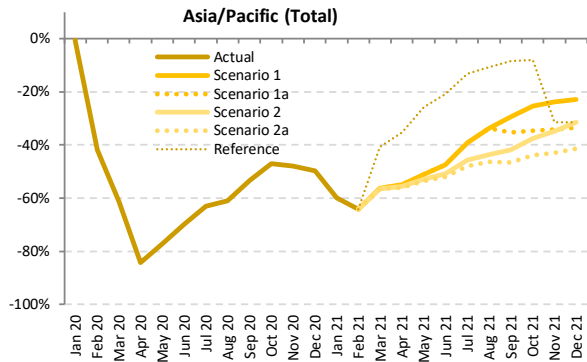
Seat Capacity (thousand) - Asia/Pacific International + Domestic

Year	2019							2020							2021						
	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							
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	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	-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	99,288	99,288	99,288	99,288	-70,897	-41.7%	7,950	8.7%	-81,985	-45.2%	-45,2%		
April	167,437	171,006	40,368	-127,070	-75.9%	-130,638	-76.4%	175,130	98,462	98,462	98,386	98,375	136,061	-69,063	-41.2%	58,007	143.7%	-76,669	-43.8%		
May	171,640	176,452	52,578	-119,062	-69.4%	-123,873	-70.2%	181,668	104,569	104,569	103,924	103,877	154,708	-67,763	-39.5%	51,299	97.6%	-77,791	-42.8%		
June	169,062	172,795	66,910	-102,152	-60.4%	-105,885	-61.3%	177,572	105,762	105,762	103,626	103,466	157,089	-65,596	-38.8%	36,556	58.1%	-74,106	-40.4%		
July	179,966	184,680	85,490	-94,746	-52.5%	-99,190	-53.7%	192,385	120,877	120,877	115,107	114,601	169,911	-65,365	-36.3%	29,111	35.38%	-77,784	-40.4%		
August	179,709	185,192	92,170	-87,539	-48.7%	-93,022	-50.2%	193,036	128,467	128,467	117,428	116,339	170,407	-63,370	-35.3%	24,169	36.29%	-76,697	-33.4%		
September	170,896	175,627	91,244	-79,653	-46.6%	-84,384	-48.0%	182,638	129,007	123,480	114,672	112,754	164,295	-58,142	-34.0%	21,511	37.76%	-69,884	-38.3%		
October	176,402	182,262	107,481	-68,922	-39.1%	-74,781	-41.0%	191,349	139,930	130,119	123,750	120,239	168,682	-56,163	-31.8%	12,759	32.44%	-71,109	-37.2%		
November	169,922	176,029	105,951	-63,972	-37.6%	-70,079	-39.8%	183,863	136,609	125,374	122,410	117,019	121,572	-52,904	-33.1%	11,068	30.65%	-66,844	-36.4%		
December	176,471	183,713	113,870	-62,601	-35.5%	-69,843	-38.0%	192,060	144,927	132,207	133,674	124,553	126,107	-51,918	-31.54%	10,682	31.05%	-67,508	-35.1%		
1Q	504,851	535,012	378,256	-126,595	-25.1%	-156,756	-29.3%	550,845	272,455	272,455	272,455	272,455	302,444	-232,396	-46.0%	-105,801	-28.0%	-278,390	-50.5%		
2Q	508,140	520,253	159,856	-348,283	-68.5%	-360,397	-69.3%	534,370	308,793	308,793	305,935	305,718	447,858	-202,422	-39.8%	145,861	148.93%	-228,653	-42.8%		
3Q	530,571	545,500	268,904	-261,668	-49.3%	-276,596	-50.7%	568,059	378,351	372,824	347,207	343,694	504,613	-186,877	-35.2%	74,791	109.44%	-224,365	-39.5%		
4Q	522,796	542,005	327,302	-195,494	-37.4%	-214,703	-39.6%	567,272	421,466	387,701	379,835	361,811	416,361	-160,985	-30.8%	34,509	94.16%	-205,461	-36.2%		
Total	2,066,358	2,142,769	1,134,318	-932,040	-45.1%	-1,008,451	-47.1%	2,220,547	1,381,064	1,341,722	1,305,432	1,283,678	1,671,277	-782,680	-37.9%	149,360	246.74%	-936,869	-42.2%		



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	e	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	8,458	8,458	8,458	8,458	9,171	-44,324 to -44,324	-84.0% to -84.0%	-11,925 to -11,925	-58.5% to -58.5%	-48,480 to -48,480	-85.1% to -85.1%
April	51,335	52,996	4,531	-46,804	-91.2%	-48,465	-91.5%	54,593	8,712	8,712	8,691	8,688	10,420	-42,646 to -42,622	-83.1% to -83.0%	4,158 to 4,182	91.8% to 92.3%	-45,905 to -45,881	-84.1% to -84.0%
May	52,030	54,297	4,918	-47,112	-90.5%	-49,380	-90.9%	56,289	10,148	10,148	9,963	9,943	16,999	-42,086 to -41,881	-80.9% to -80.5%	5,025 to 5,231	102.2% to 106.4%	-46,346 to -46,140	-82.3% to -82.0%
June	51,160	53,047	4,720	-46,440	-90.8%	-48,326	-91.1%	54,880	11,324	11,324	10,674	10,601	22,901	-40,560 to -39,837	-79.3% to -77.9%	5,880 to 6,604	124.6% to 139.9%	-44,279 to -43,556	-80.7% to -79.4%
July	54,007	55,893	6,277	-47,730	-88.4%	-49,616	-88.8%	58,774	14,465	14,465	12,621	12,382	30,940	-41,625 to -39,543	-77.1% to -73.2%	6,105 to 8,187	97.3% to 130.4%	-46,392 to -44,310	-78.9% to -75.4%
August	54,403	57,005	6,575	-47,828	-87.9%	-50,431	-88.5%	60,332	18,123	18,123	14,272	13,744	31,155	-40,658 to -36,280	-74.7% to -66.7%	7,170 to 11,548	109.0% to 175.6%	-46,588 to -42,210	-77.2% to -70.0%
September	51,417	52,963	6,976	-44,441	-86.4%	-45,987	-86.8%	55,781	19,759	17,056	14,610	13,683	30,215	-37,735 to -31,658	-73.4% to -61.6%	6,706 to 12,783	96.1% to 183.2%	-42,098 to -36,022	-75.5% to -64.6%
October	52,753	55,530	7,441	-45,312	-85.9%	-48,089	-86.6%	58,631	23,204	18,171	17,194	15,477	31,954	-37,276 to -29,549	-70.7% to -56.0%	8,036 to 15,763	108.0% to 211.8%	-43,154 to -35,427	-73.6% to -60.4%
November	51,509	54,649	7,151	-44,358	-86.1%	-47,497	-86.9%	57,970	24,446	18,463	19,298	16,481	32,376	-35,028 to -27,063	-68.0% to -52.5%	9,330 to 17,295	130.5% to 241.8%	-41,489 to -33,524	-71.6% to -57.8%
December	54,864	58,266	8,034	-46,830	-85.4%	-50,232	-86.2%	61,702	27,415	20,585	23,635	18,907	33,807	-35,957 to -27,449	-65.5% to -50.0%	10,873 to 19,381	135.3% to 241.2%	-42,794 to -34,287	-69.4% to -55.6%
1Q	155,120	164,829	114,956	-40,164	-25.9%	-49,874	-30.3%	171,254	23,950	23,950	23,950	23,950	24,663	-131,169 to -131,169	-84.6% to -84.6%	-91,005 to -91,005	-79.2% to -79.2%	-147,304 to -147,304	-86.0% to -86.0%
2Q	154,525	160,340	14,169	-140,356	-90.8%	-146,172	-91.2%	165,762	30,185	30,185	29,229	29,232	50,320	-125,292 to -124,340	-81.1% to -80.5%	15,064 to 16,016	106.3% to 113.0%	-136,530 to -135,577	-82.4% to -81.8%
3Q	159,828	165,862	19,828	-139,999	-87.6%	-146,033	-88.0%	174,888	52,346	49,643	41,503	39,809	52,310	-120,018 to -107,481	-75.1% to -67.2%	19,981 to 32,518	100.8% to 164.0%	-135,078 to -122,541	-77.2% to -70.1%
4Q	159,126	168,445	22,627	-136,500	-85.8%	-145,818	-86.6%	178,303	75,065	57,219	60,127	50,866	98,136	-108,261 to -84,061	-68.0% to -52.8%	28,239 to 52,438	124.8% to 231.8%	-127,437 to -103,237	-71.5% to -57.9%
Total	628,598	659,477	171,580	-457,019	-72.7%	-487,897	-74.0%	690,207	181,547	160,997	154,909	143,858	265,428	-484,740 to -447,052	-77.1% to -71.1%	-27,722 to 9,967	-16.2% to 5.8%	-546,349 to -508,660	-79.2% to -73.7%

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	e	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	90,830	90,830	90,830	90,830	120,107	-26,574 to -26,574	-22.6% to -22.6%	19,875 to 19,875	28.0% to 28.0%	-33,505 to -33,505	-26.9% to -26.9%
April	116,103	118,010	35,837	-80,266	-69.1%	-82,173	-69.6%	120,537	89,749	89,749	89,695	89,686	125,641	-26,416 to -26,353	-22.8% to -22.7%	53,850 to 53,912	150.3% to 150.4%	-30,851 to -30,788	-25.6% to -25.5%
May	119,611	122,154	47,661	-71,950	-60.2%	-74,493	-61.0%	125,379	94,420	94,420	93,960	93,946	137,710	-25,677 to -25,191	-21.5% to -21.1%	46,273 to 46,759	97.1% to 98.1%	-31,446 to -30,959	-25.1% to -24.7%
June	117,902	119,749	62,190	-55,712	-47.3%	-57,559	-48.1%	122,692	94,438	94,438	92,951	92,865	134,188	-25,037 to -23,463	-21.2% to -19.9%	30,675 to 32,249	49.3% to 51.9%	-29,827 to -28,253	-24.3% to -23.0%
July	125,958	128,787	79,213	-46,745	-37.1%	-49,574	-38.5%	133,611	106,412	106,412	102,486	102,219	138,971	-23,740 to -19,546	-18.8% to -15.5%	23,006 to 27,199	29.0% to 34.3%	-31,392 to -27,199	-23.5% to -20.4%
August	125,307	128,187	85,995	-39,711	-31.7%	-42,591	-33.2%	132,703	110,344	110,344	103,156	102,595	139,252	-22,712 to -14,963	-18.1% to -11.9%	16,999 to 24,749	19.9% to 28.9%	-30,109 to -22,359	-22.7% to -16.8%
September	119,479	122,664	84,267	-35,212	-29.5%	-38,397	-31.3%	126,858	109,248	106,424	100,062	99,072	134,080	-20,407 to -10,231	-17.1% to -8.6%	14,805 to 24,981	17.6% to 29.6%	-27,786 to -17,610	-21.9% to -13.9%
October	123,649	126,732	100,039	-23,110	-19.1%	-26,693	-21.1%	132,718	116,726	111,948	106,556	104,762	136,728	-18,887 to -6,924	-15.3% to -5.6%	4,723 to 16,686	4.7% to 16.7%	-27,956 to -15,992	-21.1% to -12.0%
November	118,413	121,381	98,799	-19,614	-16.6%	-22,581	-18.6%	125,893	112,163	106,911	103,112	100,537	89,196	-17,876 to -6,250	-15.1% to -5.3%	1,738 to 13,364	1.8% to 13.5%	-25,355 to -13,730	-20.1% to -10.9%
December	121,607	125,447	105,836	-15,771	-13.0%	-19,611	-15.6%	130,359	117,512	111,622	110,040	105,646	92,301	-15,962 to -4,095	-13.1% to -3.4%	-191 to 11,675	-0.2% to 11.0%	-24,713 to -12,847	-19.0% to -9.9%
1Q	349,732	370,182	263,300	-86,432	-24.7%	-106,882	-28.9%	379,591	248,505	248,505	248,505	248,505	277,781	-101,227 to -101,227	-28.9% to -28.9%	-14,795 to -14,795	-5.6% to -5.6%	-131,086 to -131,086	-34.5% to -34.5%
2Q	353,615	359,913	145,687	-207,928	-58.8%	-214,225	-59.5%	368,608	278,608	278,608	276,607	276,485	397,539	-77,130 to -75,007	-21.8% to -21.2%	130,798 to 132,920	89.8% to 91.2%	-92,123 to -90,001	-25.0% to -24.4%
3Q	370,744	379,638	249,075	-121,668	-32.8%	-130,563	-34.4%	393,172	326,004	323,181	305,704	303,885	412,303	-66,858 to -44,739	-18.0% to -12.1%	54,810 to 76,929	22.0% to 30.9%	-89,287 to -67,168	-22.7% to -17.1%
4Q	363,669	373,559	304,675	-58,994	-16.2%	-68,885	-18.4%	388,969	346,401	330,482	319,708	310,945	318,225	-52,724 to -17,269	-14.5% to -4.7%	6,270 to 41,726	2.1% to 13.7%	-78,024 to -42,569	-20.1% to -10.9%
Total	1,437,760	1,483,292	962,738	-475,022	-33.0%	-520,554	-35.1%	1,530,341	1,199,517	1,180,775	1,150,523	1,139,820	1,405,848	-297,940 to -238,242	-20.7% to -16.6%	177,082 to 236,779	18.4% to 24.6%	-390,521 to -330,823	-25.5% to -21.6%



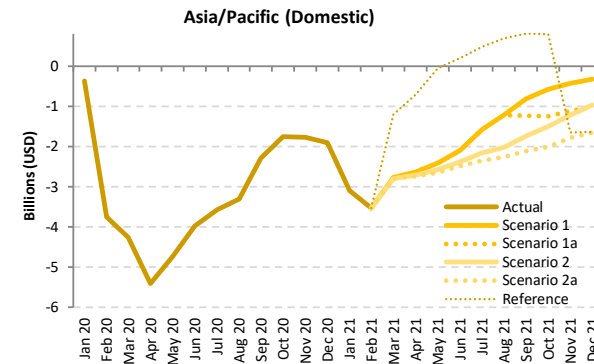
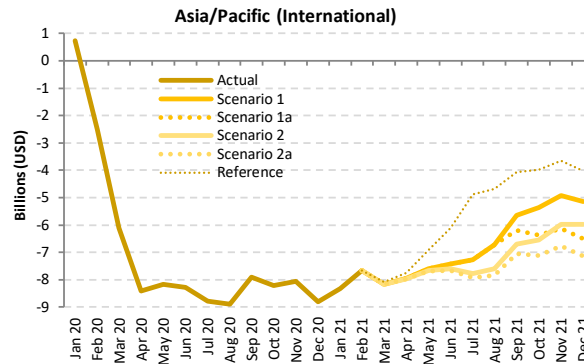
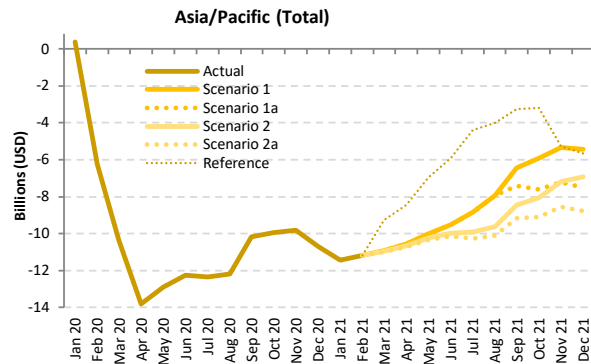
Passenger Number (thousand) - Asia/Pacific International + Domestic

Year	2019						2020						2021						
	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					
Month	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	55,164	55,164	55,164	55,164	55,164	-82,706	-60.0%	-99,032	-64.2%		
February	131,703	141,935	76,476	-55,227	-41.9%	-65,459	-46.1%	146,423	47,338	47,338	47,338	47,338	47,338	-84,364	-64.1%	-99,085	-67.7%		
March	138,285	145,229	53,596	-84,689	-61.2%	-91,633	-63.1%	148,631	60,536	60,536	60,200	60,027	81,923	-78,257 to -77,749	-56.6% to -56.2%	6,432 to 6,940	12.0% to 12.9%	-88,603 to -88,095	-59.6% to -59.3%
April	136,254	139,805	21,365	-114,889	-84.3%	-118,440	-84.7%	143,719	61,505	61,505	60,483	59,972	88,125	-76,282 to -74,749	-56.0% to -54.9%	38,607 to 40,140	180.7% to 187.9%	-83,747 to -82,214	-58.3% to -57.2%
May	137,483	141,889	31,391	-106,093	-77.2%	-110,499	-77.9%	146,600	67,142	67,142	64,766	63,713	101,839	-73,770 to -70,341	-53.7% to -51.2%	32,322 to 35,752	103.0% to 113.9%	-82,887 to -79,458	-56.5% to -54.2%
June	137,863	141,528	41,611	-96,253	-69.8%	-99,917	-70.6%	145,982	72,308	72,308	67,827	66,132	109,070	-71,731 to -65,555	-52.0% to -47.6%	24,522 to 30,698	58.9% to 73.8%	-79,849 to -73,674	-54.7% to -50.5%
July	148,603	153,217	55,070	-93,533	-62.9%	-98,147	-64.1%	160,215	90,383	90,383	80,593	77,382	128,843	-71,221 to -58,221	-47.9% to -39.2%	22,312 to 35,313	40.5% to 64.1%	-82,833 to -69,832	-51.7% to -43.6%
August	150,491	155,704	58,521	-91,969	-61.1%	-97,182	-62.4%	162,848	99,598	99,598	84,855	80,838	134,532	-69,653 to -50,892	-46.3% to -33.8%	22,316 to 41,077	38.1% to 70.2%	-82,011 to -63,250	-50.4% to -38.8%
September	137,334	141,809	64,160	-73,174	-53.3%	-77,649	-54.8%	147,973	96,848	88,953	79,778	73,514	125,851	-63,820 to -40,486	-46.5% to -29.5%	9,354 to 32,687	14.6% to 50.9%	-74,459 to -51,125	-50.3% to -34.6%
October	143,446	148,902	75,995	-67,451	-47.0%	-72,908	-49.0%	156,910	107,128	93,731	89,446	80,409	131,923	-63,037 to -36,318	-43.9% to -25.3%	4,414 to 31,133	5.8% to 41.0%	-76,501 to -49,782	-48.8% to -31.7%
November	138,331	143,968	72,009	-66,322	-47.9%	-71,959	-50.0%	150,923	105,273	90,909	90,104	78,946	94,746	-59,386 to -33,058	-42.9% to -23.9%	6,937 to 33,264	9.6% to 46.2%	-71,977 to -45,650	-47.7% to -30.2%
December	142,703	149,309	71,609	-71,094	-49.8%	-77,700	-52.0%	155,968	110,188	94,921	97,824	83,631	97,649	-59,072 to -32,516	-41.4% to -22.8%	12,022 to 38,578	16.8% to 53.9%	-72,336 to -45,780	-46.4% to -29.4%
1Q	407,857	434,441	267,178	-140,680	-34.5%	-167,263	-38.5%	449,250	163,038	163,038	162,703	162,530	184,425	-245,328 to -244,819	-60.2% to -60.0%	-104,648 to -104,139	-39.2% to -39.0%	-286,720 to -286,211	-63.8% to -63.7%
2Q	411,601	423,222	94,366	-317,235	-77.1%	-328,856	-77.7%	436,301	200,956	200,956	199,076	189,818	299,034	-221,783 to -210,645	-53.9% to -51.2%	95,451 to 106,589	101.1% to 113.0%	-246,483 to -235,345	-56.5% to -53.9%
3Q	436,428	450,729	177,752	-258,676	-59.3%	-272,978	-60.6%	471,036	286,829	278,934	245,326	231,734	389,225	-204,694 to -149,599	-46.9% to -34.3%	53,982 to 109,077	30.4% to 61.4%	-239,302 to -184,207	-50.8% to -39.1%
4Q	424,481	442,179	219,613	-204,867	-48.3%	-222,566	-50.3%	463,800	322,589	279,560	277,374	242,986	324,318	-181,495 to -101,892	-42.8% to -24.0%	23,373 to 102,976	10.6% to 46.9%	-220,814 to -141,211	-47.6% to -30.4%
Total	1,680,367	1,750,571	758,909	-921,458	-54.8%	-991,663	-56.6%	1,820,387	973,412	922,488	878,479	827,067	1,197,002	-853,300 to -706,955	-50.8% to -42.1%	68,158 to 214,503	9.0% to 28.3%	-993,320 to -846,975	-54.6% to -46.5%



Passenger Number (thousand) - Asia/Pacific International																			
Year	2019		2020					2021											
	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	
Month	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	2,981	2,981	2,981	2,981	2,981	-39,391	-93.0%	-42,211	-93.4%	-45,137	-93.8%
February	38,698	41,573	25,691	-13,007	-33.6%	-15,882	-38.2%	43,040	2,375	2,375	2,375	2,375	2,375	-36,323	-93.9%	-23,316	-90.8%	-40,665	-94.5%
March	41,378	43,296	11,563	-29,816	-72.1%	-31,734	-73.3%	44,909	2,875	2,875	2,875	2,849	2,836	-38,542	-93.1%	-8,726	-75.5%	-42,073	-93.7%
April	41,000	42,478	1,342	-39,658	-96.7%	-41,136	-96.8%	43,865	3,283	3,283	3,185	3,138	4,130	-37,862	-92.3%	1,796	133.8%	-40,727	-92.5%
May	39,963	41,839	1,457	-38,506	-96.4%	-40,382	-96.5%	43,476	3,939	3,939	3,625	3,493	6,931	-36,470	-91.3%	2,036	244.6%	-39,983	-92.0%
June	40,683	42,329	1,626	-39,057	-96.0%	-40,703	-96.2%	43,899	5,353	5,353	4,585	4,318	11,274	-36,366	-89.4%	2,692	165.5%	-39,581	-90.2%
July	43,780	45,477	2,218	-41,562	-94.9%	-43,259	-95.1%	47,947	8,940	8,940	6,716	6,041	19,729	-37,739	-86.2%	3,823	172.4%	-41,906	-87.4%
August	44,296	46,589	2,331	-41,965	-94.7%	-44,258	-95.0%	49,434	11,970	11,970	8,017	7,022	21,187	-37,274	-84.1%	4,691	201.3%	-42,412	-85.8%
September	39,365	40,698	2,331	-37,034	-94.1%	-38,367	-94.3%	42,976	12,395	9,934	7,648	6,123	19,546	-33,242	-84.4%	3,792	162.7%	-36,853	-85.8%
October	40,850	43,162	2,440	-38,410	-94.0%	-40,723	-94.3%	45,691	15,086	10,566	9,781	7,310	21,400	-33,540	-82.1%	4,870	199.6%	-38,381	-84.0%
November	40,110	42,716	2,391	-37,719	-94.0%	-40,325	-94.4%	45,427	16,307	10,995	11,661	8,105	22,229	-32,005	-79.8%	5,714	239.0%	-37,322	-82.2%
December	43,970	46,875	2,880	-41,090	-93.5%	-43,995	-93.9%	49,790	19,234	13,117	15,454	10,283	24,380	-33,687	-76.6%	7,403	257.1%	-39,507	-79.3%
1Q	122,448	130,606	82,445	-40,003	-32.7%	-48,161	-36.9%	136,066	8,230	8,230	8,204	8,191	8,651	-114,256	-93.3%	-74,254	-90.1%	-127,875	-94.0%
2Q	121,647	126,647	4,425	-117,222	-96.4%	-122,221	-96.5%	131,240	12,576	12,576	11,396	10,949	22,336	-110,698	-91.0%	6,524	147.4%	-120,291	-91.7%
3Q	127,441	132,763	6,879	-120,561	-94.6%	-125,884	-94.8%	140,356	33,305	30,844	22,381	19,186	60,462	-108,255	-94.1%	12,306	264.2%	-121,171	-86.3%
4Q	124,930	132,753	7,711	-117,220	-93.8%	-125,042	-94.2%	140,908	50,626	34,678	36,895	25,698	68,008	-99,232	-79.4%	17,988	233.3%	-115,210	-81.8%
Total	496,466	522,769	101,461	-395,005	-79.6%	-421,308	-80.6%	548,571	104,737	86,327	78,876	64,024	159,457	-432,441	-87.1%	-37,436	-36.9%	-484,546	-88.3%

Passenger Number (thousand) - Asia/Pacific Domestic																			
Year	2019		2020					2021											
	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	
Month	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	52,183	52,183	52,183	52,183	52,183	-43,315	-45.4%	-39,730	-43.2%	-53,895	-50.8%
February	93,005	100,363	50,785	-42,220	-45.4%	-49,577	-49.4%	103,383	44,964	44,964	44,964	44,964	44,964	-48,041	-51.7%	-8,222	-11.5%	-58,420	-56.5%
March	96,906	101,933	42,033	-54,873	-56.6%	-59,900	-58.8%	103,722	57,661	57,661	57,191	78,627	57,191	-39,715	-41.0%	15,158	36.1%	-46,531	-44.4%
April	95,254	97,326	20,023	-75,231	-79.0%	-77,303	-79.4%	99,854	58,222	58,222	57,298	56,834	83,995	-38,420	-38.9%	36,811	183.8%	-43,020	-41.6%
May	97,520	100,050	29,934	-67,586	-69.3%	-70,116	-70.1%	103,124	63,203	63,203	61,200	60,220	94,908	-37,300	-34.3%	30,286	33.2%	-42,904	-38.7%
June	97,180	99,199	39,984	-57,196	-58.9%	-59,215	-59.7%	102,083	66,955	66,955	63,242	61,815	97,795	-35,365	-34.6%	21,830	67.5%	-40,268	-34.4%
July	104,823	107,740	52,852	-51,971	-49.6%	-54,888	-50.9%	112,268	81,442	81,442	73,877	71,341	109,114	-33,483	-31.9%	18,489	35.0%	-40,927	-36.5%
August	106,195	109,115	56,191	-50,004	-47.1%	-52,924	-48.5%	113,415	87,628	87,628	76,838	73,816	113,344	-32,379	-28.6%	17,625	31.4%	-39,599	-34.9%
September	97,970	101,111	61,829	-36,140	-36.9%	-39,282	-38.8%	104,997	84,453	79,019	72,331	67,391	106,305	-30,578	-31.2%	5,562	9.0%	-37,606	-35.8%
October	102,596	105,740	73,555	-29,041	-28.3%	-32,185	-30.4%	111,219	92,042	83,165	79,665	73,099	110,523	-29,497	-26.8%	-456	-0.6%	-38,119	-37.2%
November	98,221	101,252	69,618	-28,603	-29.1%	-31,634	-31.2%	105,496	88,967	79,914	78,444	70,840	72,517	-27,381	-27.9%	1,222	1.8%	-34,656	-32.9%
December	98,733	102,434	68,730	-30,003	-30.4%	-33,705	-32.9%	106,178	90,954	81,803	82,370	73,348	73,269	-25,385	-25.7%	4,618	6.7%	-32,830	-30.9%
1Q	285,410	303,835	184,732	-100,677	-35.3%	-119,102	-39.2%	313,184	154,809	154,809	154,498	154,338	175,774	-131,071	-45.9%	-30,394	-16.2%	-158,845	-50.7%
2Q	289,954	296,575	89,941	-200,013	-69.0%	-206,635	-69.7%	303,061	188,380	188,380	181,680	178,869	276,698	-111,085	-38.3%	88,928	98.9%	-126,192	-41.4%
3Q	308,988	317,966	170,872	-138,115	-44.7%	-147,094	-46.3%	330,680	253,524	248,090	222,946	212,548	328,764	-96,440	-28.8%	41,676	24.4%	-118,131	-35.7%
4Q	299,550	309,427	211,903	-87,648	-29.3%	-97,524	-31.5%	322,892	271,963	244,882	240,479	217,288	256,309	-82,263	-27.5%	5,385	2.5%	-105,605	-32.7%
Total	1,183,901	1,227,803	657,448	-526,453	-44.5%	-570,354	-46.5%	1,271,816	868,675	836,161	799,603	763,043	1,037,545	-420,858	-35.5%	105,595	16.1%	-508,773	-40.0%



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

Year	2019							2020							2021						
	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							
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	f	g	h	i	j							
January	16,143	17,369	16,509	367	2.3%	-859	-4.9%	18,283	4,710	4,710	4,710	4,710	4,710	4,710							
February	15,204	16,436	8,944	-6,260	-41.2%	-7,493	-45.6%	17,010	4,019	4,019	4,019	4,019	4,019	4,019							
March	16,025	16,822	5,662	-10,363	-64.7%	-11,160	-66.3%	17,297	5,092	5,092	5,062	5,047	6,753	-10,978 to -10,933							
April	15,803	16,216	1,991	-13,812	-87.4%	-14,225	-87.7%	16,714	5,226	5,226	5,133	5,086	7,339	-10,717 to -10,577							
May	15,757	16,277	2,857	-12,900	-81.9%	-13,420	-82.4%	16,834	5,757	5,757	5,527	5,426	8,787	-10,331 to -10,000							
June	15,883	16,321	3,625	-12,257	-77.2%	-12,696	-77.8%	16,885	6,364	6,364	5,906	5,735	9,975	-10,147 to -9,519							
July	17,124	17,639	4,768	-12,356	-72.2%	-12,872	-73.0%	18,489	8,285	8,285	7,207	6,858	12,723	-10,265 to -8,838							
August	17,364	18,020	5,169	-12,195	-70.2%	-12,851	-71.3%	18,934	9,434	9,434	7,727	7,269	13,372	-10,094 to -7,930							
September	15,725	16,161	5,536	-10,189	-64.8%	-10,625	-65.7%	16,922	9,271	8,309	7,284	6,568	12,462	-9,157 to -6,454							
October	16,389	17,166	6,429	-9,960	-60.8%	-10,737	-62.5%	18,144	10,451	8,769	8,334	7,274	13,202	-9,115 to -5,937							
November	15,837	16,655	6,008	-9,829	-62.1%	-10,647	-63.9%	17,564	10,485	8,615	8,659	7,278	10,551	-8,559 to -5,352							
December	16,741	17,703	6,041	-10,699	-63.9%	-11,661	-65.9%	18,654	11,292	9,238	9,809	7,961	11,092	-8,779 to -5,448							
1Q	47,371	50,627	31,115	-16,257	-34.3%	-19,512	-38.5%	52,590	13,821	13,821	13,791	13,776	15,482	-33,596 to -33,551							
2Q	47,442	48,814	8,473	-38,970	-82.1%	-40,341	-82.6%	50,433	17,346	17,346	16,566	16,248	26,102	-31,195 to -30,096							
3Q	50,212	51,821	15,473	-34,739	-69.2%	-36,348	-70.1%	54,346	26,990	26,028	22,217	20,695	38,558	-29,516 to -23,222							
4Q	48,966	51,524	18,479	-30,488	-62.3%	-33,046	-64.1%	54,363	32,229	26,622	26,802	22,513	34,844	-26,454 to -16,738							
Total	193,992	202,786	73,539	-120,453	-62.1%	-129,247	-63.7%	211,731	90,386	83,817	79,375	73,231	114,985	-120,760 to -103,606							



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

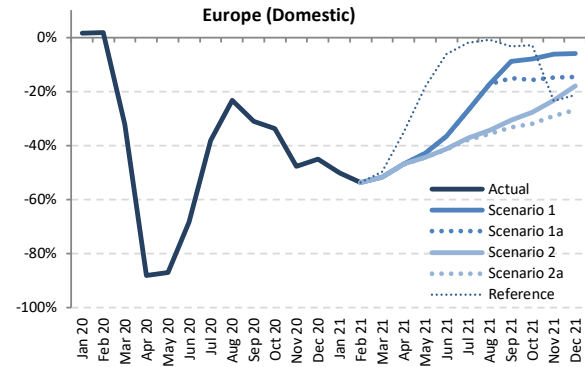
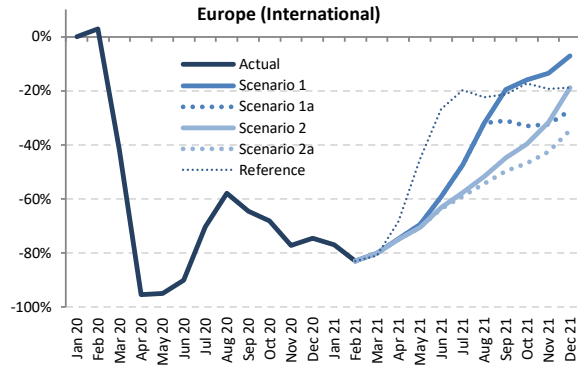
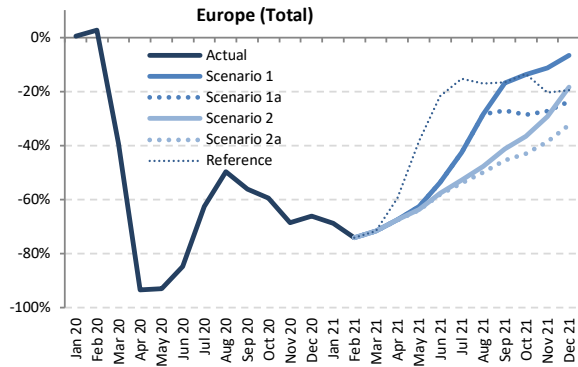
Year	2019						2020						2021						
	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline	
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e				-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	9,018	9,778	9,744	726	8.0%	-34	-0.3%	10,303	686	686	686	686	686	-8,332	-92.4%	-9,058	-93.0%	-9,617	-93.3%
February	8,209	8,877	5,701	-2,508	-30.6%	-3,176	-35.8%	9,185	547	547	547	547	547	-7,662	-93.3%	-5,154	-90.4%	-8,638	-94.0%
March	8,830	9,243	2,721	-6,109	-69.2%	-6,522	-70.6%	9,545	661	655	652	652	758	-8,177 to -8,169	-92.6% to -92.5%	-2,069 to -2,060	-76.0% to -75.7%	-8,892 to -8,884	-93.2% to -93.1%
April	8,704	8,993	298	-8,405	-96.6%	-8,695	-96.7%	9,301	755	755	732	721	947	-7,982 to -7,949	-91.7% to -91.3%	423 to 457	142.0% to 153.2%	-8,580 to -8,547	-92.2% to -91.9%
May	8,493	8,864	326	-8,167	-96.2%	-8,538	-96.3%	9,196	904	904	832	821	1,576	-7,691 to -7,589	-90.6% to -89.4%	476 to 578	146.1% to 177.5%	-8,394 to -8,292	-91.3% to -90.2%
June	8,656	8,976	373	-8,283	-95.7%	-8,603	-95.8%	9,319	1,226	1,226	1,051	990	2,543	-7,666 to -7,430	-88.6% to -85.8%	617 to 853	165.4% to 228.8%	-8,329 to -8,093	-89.4% to -86.8%
July	9,302	9,644	510	-8,792	-94.5%	-9,134	-94.7%	10,155	2,041	2,041	1,537	1,383	4,421	-7,919 to -7,260	-85.1% to -78.1%	873 to 1,532	171.4% to 300.5%	-8,772 to -8,114	-86.4% to -79.9%
August	9,441	9,923	550	-8,891	-94.2%	-9,372	-94.5%	10,512	2,723	2,723	1,832	1,606	4,750	-7,836 to -6,718	-83.0% to -71.2%	1,055 to 2,173	191.8% to 394.8%	-8,907 to -7,789	-84.7% to -74.1%
September	8,448	8,696	546	-7,902	-93.5%	-8,150	-93.7%	9,176	2,810	2,259	1,745	1,398	4,377	-7,049 to -5,637	-83.4% to -66.7%	853 to 2,265	156.2% to 414.9%	-7,778 to -6,366	-84.8% to -69.4%
October	8,781	9,295	570	-8,211	-93.5%	-8,725	-93.9%	9,850	3,413	2,402	2,228	1,668	4,791	-7,113 to -5,368	-81.0% to -61.1%	1,098 to 2,843	192.6% to 498.9%	-8,182 to -6,436	-83.1% to -65.3%
November	8,618	9,206	561	-8,057	-93.5%	-8,645	-93.9%	9,798	3,685	2,499	2,650	1,847	4,975	-6,771 to -4,933	-78.6% to -57.2%	1,286 to 3,124	229.4% to 557.1%	-7,951 to -6,113	-81.1% to -62.4%
December	9,475	10,148	676	-8,800	-92.9%	-9,472	-93.3%	10,795	4,343	2,979	3,504	2,341	5,458	-7,134 to -5,133	-75.3% to -54.2%	1,665 to 3,667	246.5% to 542.8%	-8,454 to -6,452	-78.3% to -59.8%
1Q	26,058	27,897	18,167	-7,891	-30.3%	-9,731	-34.9%	29,033	1,894	1,894	1,889	1,886	1,991	-24,172 to -24,163	-92.8% to -92.7%	-16,281 to -16,272	-89.6% to -89.6%	-27,147 to -27,138	-93.5% to -93.5%
2Q	25,852	26,832	997	-24,855	-96.1%	-25,836	-96.3%	27,816	2,885	2,885	2,615	2,513	5,066	-23,339 to -22,968	-90.3% to -88.8%	1,516 to 1,888	152.1% to 189.4%	-25,303 to -24,931	-91.0% to -89.6%
3Q	27,191	28,263	1,606	-25,585	-94.1%	-26,657	-94.3%	29,844	7,575	7,023	5,114	4,387	13,548	-22,804 to -19,616	-83.9% to -72.1%	2,781 to 5,969	173.2% to 371.7%	-25,457 to -22,269	-83.3% to -74.6%
4Q	26,875	28,648	1,806	-25,068	-93.3%	-26,842	-93.7%	30,443	11,441	7,880	8,382	5,856	15,224	-21,018 to -15,433	-78.2% to -57.4%	4,050 to 9,635	224.2% to 533.3%	-24,587 to -19,002	-80.8% to -62.4%
Total	105,975	111,641	22,576	-83,400	-78.7%	-89,065	-79.8%	117,135	23,795	19,682	17,999	14,642	35,828	-91,333 to -82,180	-86.2% to -77.5%	-7,934 to 1,220	-35.1% to 5.4%	-102,494 to -93,340	-87.5% to -79.7%

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

Year	2019						2020						2021						
	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	
Month	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	4,024	4,024	4,024	4,024	4,024	-3,100	-43.5%	-2,741	-40.5%	-3,957	-49.6%
February	6,995	7,560	3,242	-3,752	-53.6%	-4,317	-57.1%	7,825	3,472	3,472	3,472	3,472	3,472	-3,523	-50.4%	229	7.1%	-4,353	-55.6%
March	7,195	7,579	2,941	-4,254	-59.1%	-4,638	-61.2%	7,752	4,431	4,431	4,407	4,394	5,996	-2,800 to -2,764	-38.9% to -38.4%	1,454 to 1,490	49.4% to 50.7%	-3,357 to -3,321	-43.3% to -42.8%
April	7,099	7,223	1,693	-5,406	-76.2%	-5,530	-76.6%	7,412	4,472	4,472	4,401	4,365	6,392	-2,734 to -2,628	-38.5% to -37.0%	2,672 to 2,779	157.9% to 164.1%	-3,047 to -2,941	-41.1% to -39.7%
May	7,264	7,413	2,531	-4,733	-65.2%	-4,882	-65.9%	7,639	4,853	4,853	4,695	4,624	7,212	-2,640 to -2,412	-36.3% to -33.2%	2,093 to 2,322	82.7% to 91.7%	-3,015 to -2,786	-39.5% to -36.5%
June	7,227	7,345	3,252	-3,974	-55.0%	-4,093	-55.7%	7,566	5,138	5,138	4,855	4,745	7,432	-2,481 to -2,089	-34.3% to -28.9%	1,493 to 1,885	45.9% to 58.0%	-2,821 to -2,429	-37.3% to -32.1%
July	7,822	7,995	4,258	-3,564	-45.6%	-3,737	-46.7%	8,334	6,244	6,244	5,669	5,475	8,302	-2,346 to -1,578	-30.0% to -20.2%	1,217 to 1,986	28.6% to 46.6%	-2,859 to -2,090	-34.3% to -25.1%
August	7,922	8,098	4,619	-3,303	-41.7%	-3,479	-43.0%	8,421	6,711	6,711	5,895	5,664	8,622	-2,258 to -1,211	-28.5% to -15.3%	1,045 to 2,120	22.6% to 45.3%	-2,758 to -1,711	-32.7% to -20.3%
September	7,277	7,465	4,990	-2,287	-31.4%	-2,475	-33.2%	7,746	6,461	6,050	5,539	5,169	8,085	-2,108 to -816	-29.0% to -11.2%	179 to 1,470	3.6% to 29.5%	-2,577 to -1,286	-33.3% to -16.6%
October	7,608	7,872	5,859	-1,748	-23.0%	-2,013	-25.6%	8,295	7,038	6,366	6,107	5,606	8,410	-2,002 to -570	-26.3% to -7.5%	-253 to 1,179	-4.3% to 20.1%	-2,689 to -1,257	-32.4% to -15.2%
November	7,219	7,450	5,447	-1,772	-24.5%	-2,002	-26.9%	7,766	6,800	6,116	6,009	5,430	5,576	-1,789 to -419	-24.8% to -5.8%	-17 to 1,353	-0.3% to 24.8%	-2,336 to -966	-30.1% to -12.4%
December	7,265	7,555	5,366	-1,899	-26.1%	-2,189	-29.0%	7,859	6,949	6,259	6,305	5,620	5,634	-1,645 to -316	-22.6% to -4.3%	255 to 1,584	4.7% to 29.5%	-2,238 to -909	-28.5% to -11.6%
1Q	21,313	22,730	12,948	-8,366	-39.3%	-9,782	-43.0%	23,557	11,926	11,926	11,902	11,890	13,491	-9,423 to -9,387	-44.2% to -44.0%	-1,058 to -1,022	-8.2% to -7.9%	-11,667 to -11,631	-49.5% to -49.4%
2Q	21,590	21,981	7,476	-14,114	-65.4%	-14,505	-66.0%	22,618	14,462	14,462	13,950	13,735	21,036	-7,856 to -7,128	-36.4% to -33.0%	6,259 to 6,986	83.7% to 93.4%	-8,883 to -8,156	-39.3% to -36.1%
3Q	23,021	23,558	13,867	-9,154	-39.8%	-9,691	-41.1%	24,502	19,415	19,005	17,103	16,308	25,010	-6,713 to -3,605	-29.2% to -15.7%	2,441 to 5,548	17.6% to 40.0%	-8,194 to -5,087	-33.4% to -20.8%
4Q	22,092	22,876	16,672	-5,420	-24.5%	-6,204	-27.1%	23,920	20,787	18,742	18,420	16,657	19,620	-5,435 to -1,305	-24.6% to -5.9%	-15 to 4,115	-0.1% to 24.7%	-7,263 to -3,132	-30.4% to -13.1%
Total	88,016	91,145	50,963	-37,053	-42.1%	-40,182	-44.1%	94,596	66,590	64,135	61,376	58,589	79,157	-29,427 to -21,426	-33.4% to -24.3%	7,626 to 15,627	15.0% to 30.7%	-36,007 to -28,005	-38.1% to -29.6%

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	-71.5% to -71.5%	-79.9% to -79.9%	-51.8% to -51.8%	-183,194 to -183,128	-78.2% to -78.1%	-145,377 to -145,332	-87.7% to -87.6%	-37,817 to -37,796	-55.2% to -55.1%	-24,121 to -24,112	-21,012 to -21,005	-3,109 to -3,107
2Q 2021	-63.0% to -60.9%	-69.4% to -67.4%	-44.2% to -41.9%	-221,959 to -213,916	-71.8% to -69.2%	-184,484 to -178,611	-80.0% to -77.4%	-37,475 to -35,305	-47.8% to -45.0%	-27,694 to -26,619	-24,613 to -23,716	-3,081 to -2,903
3Q 2021	-49.8% to -29.5%	-54.4% to -33.3%	-35.7% to -17.7%	-209,964 to -130,564	-59.9% to -37.3%	-176,785 to -113,645	-66.5% to -42.8%	-33,179 to -16,920	-39.2% to -20.0%	-25,522 to -14,934	-22,794 to -13,543	-2,728 to -1,391
4Q 2021	-38.4% to -10.9%	-41.8% to -12.5%	-29.3% to -6.7%	-133,713 to -48,951	-50.3% to -18.4%	-109,337 to -42,600	-56.6% to -22.1%	-24,376 to -6,351	-33.6% to -8.8%	-16,788 to -5,699	-14,784 to -5,177	-2,004 to -522
Total 2021	-55.2% to -42.3%	-60.7% to -47.1%	-40.1% to -29.3%	-748,830 to -576,559	-64.6% to -49.7%	-615,983 to -480,187	-72.0% to -56.1%	-132,847 to -96,372	-43.7% to -31.7%	-94,125 to -71,365	-83,203 to -63,441	-10,922 to -7,923



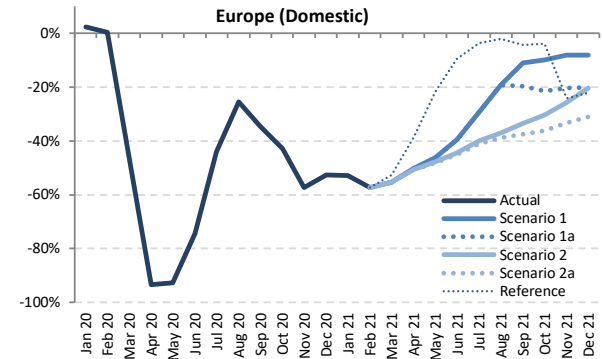
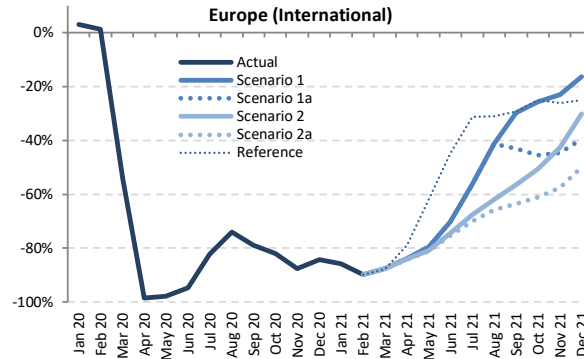
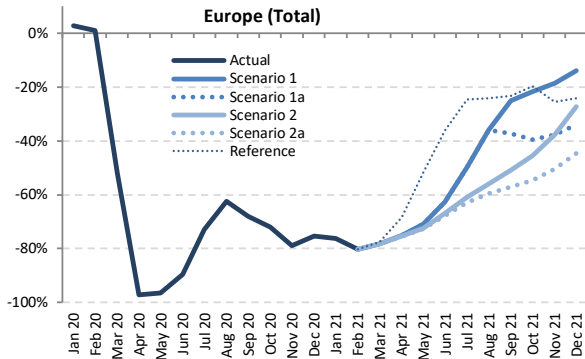
Seat Capacity (thousand) - Europe International + Domestic

Year	2019						2020						2021						
	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					
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	f	g	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	30,906	-68,347	-68.9%	-68,820	-69.0%	
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	23,530	-67,594	-74.2%	-69,930	-74.8%	
March	103,536	106,115	62,972	-40,564	-39.2%	-43,143	-40.7%	107,071	29,349	29,349	29,349	29,349	29,349	29,349	-74,187 to -74,187	-71.7% to -71.7%	-33,623 to -33,623	-53.4% to -53.4%	
April	114,022	116,283	7,473	-106,550	-93.4%	-108,810	-93.6%	119,174	37,218	37,218	37,218	37,000	46,188	-77,023 to -76,805	-67.6% to -67.4%	29,527 to 29,745	395.1% to 398.1%	-82,175 to -81,957	-69.0% to -68.8%
May	125,466	125,962	9,002	-116,464	-92.8%	-116,960	-92.9%	127,206	47,004	47,004	45,477	45,339	77,392	-80,127 to -78,462	-63.9% to -62.5%	36,337 to 38,002	403.7% to 422.2%	-81,867 to -80,202	-64.4% to -63.0%
June	131,250	134,506	20,086	-111,164	-84.7%	-114,420	-85.1%	139,176	60,858	60,858	55,467	54,948	102,795	-76,302 to -70,392	-58.1% to -53.6%	34,862 to 40,772	173.6% to 203.0%	-84,228 to -78,318	-60.5% to -56.3%
July	138,193	141,020	51,734	-86,459	-62.6%	-89,285	-63.3%	145,732	79,439	79,439	65,257	63,712	116,906	-74,482 to -58,754	-53.9% to -42.5%	11,977 to 27,705	23.2% to 53.6%	-82,020 to -66,293	-56.3% to -45.5%
August	138,574	140,740	69,746	-68,828	-49.7%	-70,994	-50.4%	144,827	99,082	99,082	72,625	69,419	114,774	-69,155 to -39,491	-49.9% to -28.5%	-327 to 29,336	-0.5% to 42.1%	-75,408 to -45,745	-52.1% to -31.6%
September	131,857	133,819	57,919	-73,938	-56.1%	-75,901	-56.7%	137,444	109,596	96,293	77,351	71,812	109,861	-60,045 to -22,261	-45.5% to -16.9%	13,894 to 51,678	24.0% to 89.2%	-65,631 to -27,847	-47.8% to -20.3%
October	124,268	123,908	50,535	-73,733	-59.3%	-73,373	-59.2%	125,237	107,073	88,788	78,764	70,761	107,426	-53,507 to -17,195	-43.1% to -13.8%	20,226 to 56,538	40.0% to 111.9%	-54,475 to -18,164	-43.5% to -14.5%
November	99,741	99,324	31,359	-68,383	-68.6%	-67,965	-68.4%	100,242	88,351	72,625	70,567	61,215	79,298	-38,527 to -11,391	-38.6% to -11.4%	29,856 to 56,992	95.2% to 181.7%	-39,028 to -11,892	-38.9% to -11.9%
December	100,677	102,476	34,178	-66,499	-66.1%	-68,299	-66.6%	105,459	93,918	76,787	82,033	68,126	81,042	-32,550 to -6,759	-32.3% to -6.7%	33,949 to 59,740	99.3% to 174.8%	-37,332 to -11,541	-35.4% to -10.9%
1Q	293,912	300,277	256,158	-37,755	-12.8%	-44,119	-14.7%	304,445	83,784	83,784	83,784	83,784	83,729	-210,128 to -210,128	-71.5% to -71.5%	-172,373 to -172,373	-67.3% to -67.3%	-220,660 to -220,660	-72.5% to -72.5%
2Q	370,739	376,751	36,561	-334,178	-90.1%	-340,191	-90.3%	385,556	145,080	145,080	137,968	137,287	226,375	-233,452 to -225,659	-63.0% to -60.9%	100,726 to 108,519	275.5% to 296.8%	-248,270 to -240,477	-64.4% to -62.4%
3Q	408,624	415,579	179,399	-229,225	-56.1%	-236,180	-56.8%	428,003	288,118	274,814	215,233	204,943	341,541	-203,681 to -120,506	-49.8% to -29.5%	25,544 to 108,719	14.2% to 60.6%	-223,060 to -139,885	-52.1% to -32.7%
4Q	324,686	325,708	116,072	-208,614	-64.3%	-209,636	-64.4%	330,937	289,341	238,200	231,365	200,102	267,767	-124,584 to -35,345	-38.4% to -10.9%	84,030 to 173,269	72.4% to 149.3%	-130,835 to -41,596	-39.5% to -12.6%
Total	1,397,961	1,418,315	588,189	-809,772	-57.9%	-830,126	-58.5%	1,448,941	806,323	741,878	668,350	626,116	919,412	-771,845 to -591,638	-55.2% to -42.3%	37,927 to 218,134	6.4% to 37.1%	-822,825 to -642,618	-56.8% to -44.4%



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	-30,860	-42.1%	-33,842	-44.5%	77,348	14,560	14,560	14,560	14,560	13,843	-58,308 to -58,308	-80.0% to -80.0%	-27,628 to -27,628	-65.5% to -65.5%	-62,788 to -62,788	-81.2% to -81.2%
April	83,899	86,297	3,879	-80,020	-95.4%	-82,418	-95.5%	89,399	21,186	21,186	21,030	21,013	26,621	-62,886 to -62,713	-75.0% to -74.7%	17,134 to 17,307	441.7% to 446.1%	-68,385 to -68,213	-76.5% to -76.3%
May	93,237	93,961	4,820	-88,417	-94.8%	-89,141	-94.9%	95,137	28,573	28,573	27,532	27,418	50,989	-65,819 to -64,665	-70.6% to -69.4%	22,598 to 23,752	468.8% to 492.7%	-67,719 to -66,564	-71.2% to -70.0%
June	98,521	102,007	9,702	-88,819	-90.2%	-92,306	-90.5%	106,619	40,103	40,103	36,250	35,817	72,124	-62,704 to -58,417	-63.6% to -59.3%	26,115 to 30,402	269.2% to 313.4%	-70,802 to -66,515	-66.4% to -62.4%
July	105,080	108,140	31,270	-73,810	-70.2%	-76,870	-71.1%	112,445	55,308	55,308	44,488	43,185	84,443	-61,895 to -49,772	-58.9% to -47.4%	11,916 to 24,038	38.1% to 76.9%	-69,260 to -57,137	-61.6% to -50.8%
August	105,456	107,856	44,327	-61,129	-58.0%	-63,529	-58.9%	111,682	71,671	71,671	50,888	48,153	81,948	-57,303 to -33,786	-54.3% to -32.0%	3,826 to 27,343	8.6% to 61.7%	-63,529 to -40,012	-56.9% to -35.8%
September	98,705	100,901	35,050	-63,655	-64.5%	-65,851	-65.3%	104,209	79,387	68,126	54,381	49,682	77,780	-49,023 to -19,318	-49.7% to -19.6%	14,632 to 44,337	41.7% to 126.5%	-54,527 to -24,822	-52.3% to -23.8%
October	92,377	92,558	29,384	-62,994	-68.2%	-63,175	-68.3%	93,804	77,699	61,948	55,738	49,057	76,434	-43,320 to -14,678	-46.9% to -15.9%	19,674 to 48,316	67.0% to 164.4%	-44,747 to -16,105	-47.7% to -17.2%
November	70,369	70,451	16,025	-54,344	-77.2%	-54,426	-77.3%	71,126	60,809	47,596	48,021	40,362	56,848	-30,007 to -9,560	-42.6% to -13.6%	24,337 to 44,784	151.9% to 279.5%	-30,765 to -10,318	-43.3% to -14.5%
December	71,715	74,164	18,267	-53,449	-74.5%	-55,898	-75.4%	76,885	66,696	52,096	58,268	46,923	58,256	-24,793 to -5,019	-34.6% to -7.0%	28,656 to 48,430	156.9% to 265.1%	-29,962 to -10,189	-39.0% to -13.3%
1Q	206,210	213,835	177,414	-28,796	-14.0%	-36,422	-17.0%	217,997	41,513	41,513	41,513	41,513	40,796	-164,696 to -164,696	-79.9% to -79.9%	-135,900 to -135,900	-76.6% to -76.6%	-176,484 to -176,484	-81.0% to -81.0%
2Q	275,657	282,266	18,401	-257,256	-93.3%	-263,864	-93.5%	291,154	89,862	89,862	84,812	84,248	149,734	-191,410 to -185,795	-69.4% to -67.4%	65,846 to 71,460	357.8% to 388.3%	-206,906 to -201,292	-71.1% to -69.1%
3Q	309,241	316,897	110,647	-198,594	-62.3%	-206,250	-65.1%	328,336	206,366	195,104	149,578	141,021	244,171	-168,220 to -102,876	-54.4% to -33.3%	30,374 to 95,719	27.5% to 88.5%	-187,315 to -121,970	-57.0% to -37.1%
4Q	234,461	237,173	63,675	-170,787	-72.8%	-173,499	-73.2%	241,815	205,204	161,640	162,027	136,342	191,538	-98,120 to -29,257	-41.8% to -12.5%	72,667 to 141,530	114.1% to 222.3%	-105,474 to -36,611	-43.6% to -15.1%
Total	1,025,570	1,050,171	370,136	-655,433	-63.9%	-680,035	-64.8%	1,079,302	542,945	488,120	438,110	403,123	626,239	-622,446 to -482,624	-60.7% to -47.1%	32,987 to 172,809	8.9% to 46.7%	-676,179 to -536,357	-62.6% to -49.7%

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	14,788	14,788	14,788	14,788	15,450	-15,879 to -15,879	-51.8% to -51.8%	-5,995 to -5,995	-28.8% to -28.8%	-14,935 to -14,935	-50.2% to -50.2%
April	30,123	29,986	3,593	-26,530	-88.1%	-26,393	-88.0%	29,776	16,032	16,032	15,993	15,986	19,567	-14,137 to -14,091	-46.9% to -46.8%	12,393 to 12,439	344.9% to 346.2%	-13,789 to -13,744	-46.3% to -46.2%
May	32,229	32,001	4,181	-28,047	-87.0%	-27,820	-86.9%	32,069	18,431	18,431	13,945	17,921	26,403	-14,308 to -13,797	-44.4% to -42.8%	13,739 to 14,250	328.6% to 340.8%	-14,149 to -13,638	-44.1% to -42.5%
June	32,730	32,499	10,385	-22,345	-68.3%	-22,114	-68.0%	32,558	20,755	20,755	19,217	19,132	30,671	-13,598 to -11,975	-41.5% to -36.6%	8,747 to 10,370	84.2% to 99.9%	-13,426 to -11,803	-41.2% to -36.3%
July	33,114	32,880	20,465	-12,649	-38.2%	-12,415	-37.8%	33,287	24,131	24,131	20,769	20,526	32,463	-12,587 to -8,982	-38.0% to -27.1%	62 to 3,667	0.3% to 17.9%	-12,761 to -9,156	-38.3% to -27.5%
August	33,118	32,884	25,419	-7,699	-23.2%	-7,465	-22.7%	33,145	27,412	27,412	21,736	21,266	32,827	-11,852 to -5,706	-35.8% to -17.2%	-4,153 to 1,999	-16.3% to 7.8%	-11,880 to -5,733	-35.8% to -17.3%
September	33,152	32,918	22,869	-10,283	-31.0%	-10,049	-30.5%	33,235	30,209	28,167	22,970	22,130	32,081	-11,021 to -2,943	-33.2% to -8.9%	-738 to 7,341	2.3% to 32.1%	-11,104 to -3,026	-33.4% to -9.1%
October	31,891	31,349	21,152	-10,739	-33.7%	-10,198	-32.5%	31,433	29,374	26,840	23,026	21,704	30,992	-10,187 to -2,517	-31.9% to -7.9%	552 to 8,222	3.6% to 38.9%	-9,729 to -2,059	-31.0% to -6.6%
November	29,373	28,874	15,334	-14,038	-47.8%	-13,539	-46.9%	29,116	27,542	25,028	22,546	20,853	22,451	-8,520 to -1,831	-29.0% to -6.2%	5,518 to 12,207	36.0% to 79.6%	-8,263 to -1,574	-28.4% to -5.4%
December	28,961	28,312	15,911	-13,050	-45.1%	-12,401	-43.8%	28,574	27,221	24,691	23,766	21,204	22,786	-7,757 to -1,740	-26.8% to -6.0%	5,293 to 11,310	33.3% to 71.1%	-7,370 to -1,352	-25.8% to -4.7%
1Q	87,703	86,441	78,744	-8,959	-10.2%	-7,698	-8.9%	86,448	42,271	42,271	42,271	42,271	42,933	-45,432 to -45,432	-51.8% to -51.8%	-36,473 to -36,473	-46.3% to -46.3%	-44,176 to -44,176	-51.1% to -51.1%
2Q	95,081	94,486	18,159	-76,922	-80.9%	-76,327	-80.8%	94,403	55,218	55,218	53,156	53,039	76,641	-42,043 to -39,864	-44.2% to -41.9%	34,880 to 37,059	192.1% to 204.1%	-41,364 to -39,185	-43.8% to -41.5%
3Q	99,383	98,682	68,752	-30,631	-30.8%	-29,929	-30.3%	99,667	81,752	79,710	65,475	63,922	97,371	-35,461 to -17,631	-35.7% to -17.7%	-4,830 to 13,000	-7.0% to 18.9%	-35,745 to -17,915	-35.9% to -18.0%
4Q	90,225	88,535	52,397	-37,828	-41.9%	-36,138	-40.8%	89,122	84,137	76,560	69,338	63,761	76,229	-26,464 to -6,088	-29.3% to -6.7%	11,364 to 31,740	21.7% to 60.6%	-25,361 to -4,985	-28.5% to -5.6%
Total	372,392	368,144	218,053	-154,339	-41.4%	-150,091	-40.8%	369,639	263,378	253,758	230,240	222,993	293,174	-149,399 to -109,014	-40.1% to -29.3%	4,940 to 45,325	2.3% to 20.8%	-146,646 to -106,261	-39.7% to -28.7%



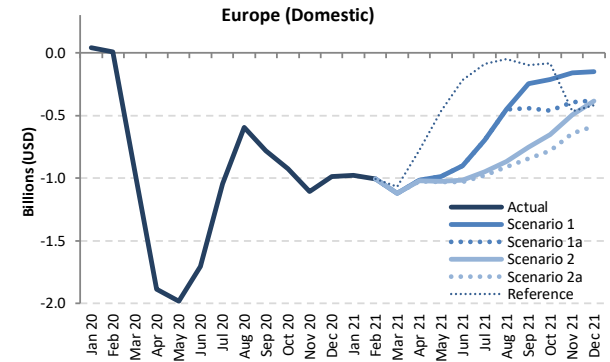
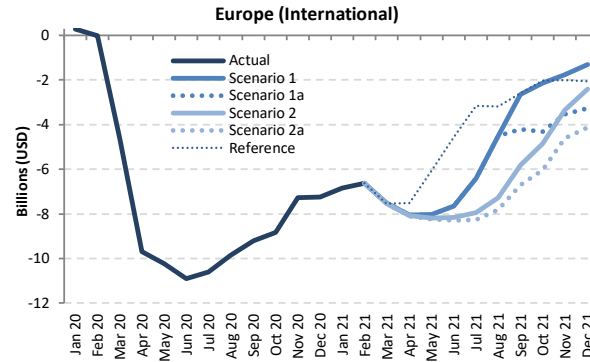
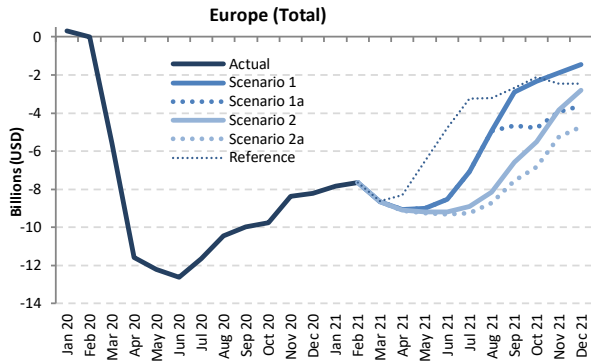
Passenger Number (thousand) - Europe International + Domestic

Year	2019							2020							2021						
	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			
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	e	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	18,456	18,456	18,456	18,456	18,456	-58,938	-76.2%	-61,140	-76.8%	-59,713	-76.4%		
February	72,562	76,002	73,287	724	1.0%	-2,716	-3.6%	77,679	14,396	14,396	14,396	14,396	14,396	-58,166	-80.2%	-58,890	-80.4%	-63,282	-81.5%		
March	84,453	87,165	40,521	-43,932	-52.0%	-46,644	-53.5%	87,532	18,430	18,430	18,386	18,364	18,979	-66,089 to -66,024	-78.3% to -78.2%	-22,157 to -22,092	-54.7% to -54.5%	-69,168 to -69,102	-79.0% to -78.9%		
April	94,970	97,515	2,689	-92,280	-97.2%	-94,825	-97.2%	99,440	23,695	23,695	23,391	23,279	30,044	-71,691 to -71,275	-75.5% to -75.1%	20,590 to 21,005	765.6% to 781.0%	-76,161 to -75,745	-76.6% to -76.2%		
May	102,335	103,397	3,673	-98,662	-96.4%	-99,724	-96.4%	103,841	29,720	29,720	28,236	27,878	49,350	-74,456 to -72,615	-72.8% to -71.0%	24,206 to 26,047	659.0% to 709.2%	-75,963 to -74,121	-73.2% to -71.4%		
June	111,802	115,361	11,629	-100,173	-89.6%	-103,733	-89.9%	118,715	41,776	41,776	36,929	35,990	71,443	-75,812 to -70,025	-67.8% to -62.6%	24,361 to 30,147	209.5% to 259.2%	-82,725 to -76,938	-69.7% to -64.8%		
July	119,918	123,184	32,423	-87,495	-73.0%	-90,761	-73.7%	126,600	60,392	60,392	46,900	44,416	90,469	-75,501 to -59,526	-63.0% to -49.6%	11,994 to 27,969	37.0% to 86.3%	-82,184 to -66,208	-64.9% to -52.3%		
August	120,268	122,977	45,122	-75,146	-62.5%	-77,855	-63.3%	125,865	76,930	76,930	52,850	48,788	91,129	-71,480 to -43,338	-59.4% to -36.0%	3,666 to 31,808	8.1% to 70.5%	-77,077 to -48,935	-61.2% to -38.9%		
September	110,196	112,612	35,310	-74,887	-68.0%	-77,303	-68.6%	115,043	82,496	69,157	54,218	47,214	84,660	-62,982 to -27,700	-57.2% to -25.1%	11,904 to 47,186	33.7% to 133.6%	-67,829 to -32,547	-59.0% to -28.3%		
October	103,161	103,539	28,800	-74,361	-72.1%	-74,739	-72.2%	104,076	80,750	62,481	56,190	46,706	82,919	-56,455 to -22,411	-54.7% to -21.7%	17,906 to 51,950	62.2% to 180.4%	-57,370 to -23,326	-55.1% to -22.4%		
November	80,792	80,979	17,045	-63,747	-78.9%	-63,934	-79.0%	81,330	65,692	50,360	50,268	40,002	60,173	-40,790 to -15,100	-50.5% to -18.7%	22,957 to 48,647	134.7% to 285.4%	-41,328 to -15,639	-50.8% to -19.2%		
December	81,724	83,766	20,094	-61,630	-75.4%	-63,672	-76.0%	85,639	70,285	53,927	59,353	45,256	61,988	-36,468 to -11,439	-44.6% to -14.0%	25,162 to 50,191	125.2% to 249.8%	-40,384 to -15,354	-47.2% to -17.9%		
1Q	234,410	241,175	193,404	-41,006	-17.5%	-47,771	-19.8%	243,380	51,282	51,282	51,239	51,217	51,832	-183,194 to -183,128	-78.2% to -78.1%	-142,187 to -142,122	-73.5% to -73.5%	-192,163 to -192,098	-79.0% to -78.9%		
2Q	309,106	316,273	17,991	-291,115	-94.2%	-298,282	-94.3%	321,996	95,190	95,190	88,556	87,147	150,837	-221,959 to -213,916	-71.8% to -69.2%	69,156 to 77,199	384.4% to 429.1%	-234,848 to -226,805	-72.9% to -70.4%		
3Q	350,382	358,774	112,854	-237,528	-67.8%	-245,920	-68.5%	367,508	219,818	206,479	153,969	140,418	266,257	-209,964 to -130,564	-59.9% to -37.3%	27,564 to 106,964	24.4% to 94.8%	-227,090 to -147,690	-61.8% to -40.2%		
4Q	265,677	268,284	65,939	-199,738	-75.2%	-202,346	-75.4%	271,046	216,726	166,767	165,810	131,964	205,080	-133,713 to -48,951	-50.3% to -18.4%	66,025 to 150,788	100.1% to 228.7%	-139,082 to -54,319	-51.3% to -20.0%		
Total	1,159,575	1,184,506	390,188	-769,388	-66.4%	-794,318	-67.1%	1,203,929	583,016	519,719	459,573	410,746	674,006	-748,830 to -576,559	-64.6% to -49.7%	20,558 to 192,829	5.3% to 49.4%	-793,184 to -620,913	-65.9% to -51.6%		



Passenger Number (thousand) - Europe International																				
Year	2019		2020						2021											
	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		
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	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	7,855	7,855	7,855	7,855	7,855	-47,026	-85.7%	-48,702	-86.1%	-48,255	-86.0%	
February	51,178	54,626	51,816	639	1.2%	-2,810	-5.1%	55,766	5,258	5,258	5,258	5,258	5,258	-45,919	-89.7%	-46,558	-89.9%	-50,507	-90.6%	
March	59,791	62,825	27,468	-32,322	-54.1%	-35,357	-56.3%	63,466	7,404	7,404	7,374	7,359	7,311	-52,432	-87.7%	-50,109	-73.2%	-56,107	-88.4%	
April	70,397	72,906	1,054	-69,343	-98.5%	-71,853	-98.6%	74,986	11,472	11,472	11,241	11,156	14,937	-59,241	-82.7%	-58,925	-84.2%	-63,514	-84.7%	
May	76,311	77,402	1,741	-74,570	-97.7%	-75,661	-97.8%	77,771	15,686	15,686	14,663	14,371	28,992	-61,940	-80.6%	-60,626	-81.2%	-62,085	-81.5%	
June	83,994	87,585	4,545	-79,449	-94.6%	-83,040	-94.8%	90,866	24,934	24,934	21,484	20,691	46,258	-63,304	-75.4%	-59,060	-75.4%	-65,932	-77.2%	
July	91,067	94,366	16,270	-74,797	-82.1%	-78,096	-82.8%	97,402	39,974	39,974	29,579	27,425	62,688	-63,641	-69.9%	-51,093	-68.6%	-57,428	-71.8%	
August	91,837	94,578	23,925	-67,912	-73.9%	-70,652	-74.7%	97,218	53,977	53,977	34,941	31,413	63,325	-60,424	-65.8%	-37,860	-51.1%	-43,241	-44.5%	
September	82,874	85,320	17,468	-65,406	-78.9%	-67,852	-79.5%	87,467	58,183	58,183	36,052	30,155	58,531	-52,719	-63.6%	-24,691	-33.1%	-29,284	-33.5%	
October	76,950	77,619	13,812	-63,138	-82.1%	-63,808	-82.2%	78,067	57,134	57,134	41,888	37,933	29,972	-46,978	-61.1%	-19,816	-25.8%	-20,933	-26.8%	
November	57,404	57,850	7,084	-50,319	-87.7%	-50,765	-87.8%	57,990	44,215	44,215	31,733	32,885	24,408	-32,996	-57.5%	-13,189	-23.0%	-13,774	-23.8%	
December	58,838	61,260	9,236	-49,602	-84.3%	-52,023	-84.9%	62,964	49,244	49,244	41,148	29,476	44,155	-29,363	-49.9%	-9,595	-16.3%	-13,720	-21.8%	
1Q	165,849	173,194	135,842	-30,007	-18.1%	-37,352	-21.6%	175,342	20,517	20,517	20,488	20,472	20,424	-145,377	-87.7%	-145,332	-87.7%	-154,870	-88.3%	
2Q	230,702	237,983	7,339	-223,363	-96.8%	-230,553	-96.9%	243,622	52,091	52,091	47,388	46,218	90,187	-184,484	-80.0%	-178,611	-77.4%	-191,531	-78.6%	
3Q	265,778	274,263	57,663	-208,114	-78.3%	-216,600	-79.0%	282,086	152,133	152,133	141,162	100,571	88,993	-176,785	-66.5%	-113,645	-66.5%	-129,933	-66.1%	
4Q	193,192	196,728	30,132	-163,060	-84.4%	-166,596	-84.7%	199,020	150,593	150,593	109,252	111,967	83,855	-109,337	-56.6%	-42,600	-22.1%	-48,428	-24.3%	
Total	855,522	882,079	230,977	-624,545	-73.0%	-651,102	-73.8%	900,070	375,334	375,334	323,023	280,413	239,539	439,463	-615,983	-72.0%	-480,187	-62.5%	-524,736	-58.3%

Passenger Number (thousand) - Europe Domestic																				
Year	2019		2020						2021											
	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		
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	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	10,601	10,601	10,601	10,601	10,601	-11,913	-52.9%	-12,438	-54.0%	-11,458	-51.9%	
February	21,385	21,376	21,470	86	0.4%	94	0.4%	21,913	9,138	9,138	9,138	9,138	9,138	-12,247	-57.3%	-12,332	-57.4%	-12,775	-58.3%	
March	24,663	24,340	13,053	-11,610	-47.1%	-11,287	-46.4%	24,065	11,026	11,026	11,012	11,005	11,669	-13,658	-55.4%	-13,637	-55.4%	-13,060	-54.2%	
April	24,573	24,608	1,636	-22,937	-93.3%	-22,972	-93.4%	24,455	12,223	12,223	12,150	12,123	15,107	-12,450	-50.3%	-10,887	-44.5%	-12,331	-50.4%	
May	26,023	25,995	1,932	-24,091	-92.6%	-24,063	-92.6%	26,070	14,034	14,034	13,573	13,507	20,358	-12,516	-46.1%	-11,990	-46.1%	-12,531	-46.2%	
June	27,807	27,777	7,084	-20,723	-74.5%	-20,693	-74.5%	27,849	16,842	16,842	15,445	15,299	25,185	-12,508	-45.0%	-10,965	-39.4%	-11,006	-39.5%	
July	28,851	28,819	16,153	-12,698	-44.0%	-12,666	-43.9%	29,199	20,418	20,418	17,321	16,991	27,781	-11,860	-41.1%	-8,433	-29.2%	-8,780	-30.1%	
August	28,431	28,399	21,196	-7,234	-25.4%	-7,203	-25.4%	28,647	22,953	22,953	17,909	17,375	27,804	-11,056	-38.9%	-19,330	-68.0%	-19,939	-69.8%	
September	27,322	27,293	17,841	-9,481	-34.7%	-9,451	-34.6%	27,576	24,313	24,313	18,167	17,060	26,129	-10,263	-37.0%	-11,006	-39.7%	-11,888	-43.6%	
October	26,211	25,920	14,989	-11,222	-42.8%	-10,932	-42.2%	26,009	23,616	23,616	20,593	18,256	16,734	-9,477	-36.2%	-9,990	-38.5%	-10,275	-39.2%	
November	23,388	23,129	9,960	-13,428	-57.4%	-13,169	-56.9%	23,341	21,477	21,477	18,627	17,382	15,994	-7,794	-33.3%	-8,226	-37.7%	-8,864	-40.5%	
December	22,886	22,506	10,857	-12,028	-52.6%	-11,649	-51.8%	22,675	21,041	21,041	18,295	18,205	17,832	-7,106	-31.0%	-8,144	-37.9%	-8,695	-39.0%	
1Q	68,561	67,981	57,562	-10,999	-16.0%	-10,419	-15.3%	68,038	30,765	30,765	30,751	30,744	31,408	-37,817	-55.2%	-37,796	-55.1%	-37,294	-54.8%	
2Q	78,404	78,380	10,652	-67,752	-86.4%	-67,729	-86.4%	78,373	43,099	43,099	41,168	40,929	60,650	-37,475	-47.8%	-35,305	-45.0%	-35,274	-45.0%	
3Q	84,604	84,510	55,191	-29,413	-34.8%	-29,320	-34.7%	85,422	67,684	67,684	65,317	63,398	51,425	-33,179	-39.2%	-20,000	-23.6%	-17,738	-20.8%	
4Q	72,485	71,556	35,806	-36,679	-50.6%	-35,750	-50.0%	72,025	66,134	66,134	57,515	53,844	48,108	-40,772	-56.5%	-36,351	-50.0%	-38,227	-52.8%	
Total	304,054	302,427	159,211	-144,843	-47.6%	-143,217	-47.4%	303,859	207,682	207,682	196,696	179,160	171,207	234,543	-132,847	-43.7%	-96,372	-31.7%	-96,177	-31.7%



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

Year	2019							2020							2021						
	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	e	e	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	2,119	2,119	2,119	2,119	2,119	-7,826	-78.7%	-8,141	-79.3%	-7,934	-78.9%		
February	9,229	9,670	9,225	-4	0.0%	-445	-4.6%	9,821	1,592	1,592	1,592	1,592	1,592	-7,638	-82.8%	-7,634	-82.7%	-8,229	-83.8%		
March	10,734	11,005	5,169	-5,565	-51.8%	-5,836	-53.0%	11,035	2,086	2,086	2,086	2,077	2,125	-8,657 to -8,648	-80.7% to -80.6%	-3,092 to -3,083	-59.8% to -59.6%	-8,958 to -8,949	-81.2% to -81.1%		
April	11,885	12,215	314	-11,570	-97.4%	-11,901	-97.4%	12,511	2,821	2,821	2,779	2,764	3,589	-9,121 to -9,063	-76.7% to -76.3%	2,449 to 2,507	779.2% to 797.6%	-9,747 to -9,690	-77.9% to -77.4%		
May	12,629	12,839	427	-12,203	-96.6%	-12,412	-96.7%	12,986	3,619	3,619	3,423	3,372	6,107	-9,257 to -9,010	-73.3% to -71.3%	2,946 to 3,192	690.7% to 748.5%	-9,613 to -9,367	-74.0% to -72.1%		
June	13,810	14,251	1,194	-12,616	-91.4%	-13,057	-91.6%	14,714	5,265	5,265	4,628	4,494	9,039	-9,316 to -8,545	-67.5% to -61.9%	3,299 to 4,070	276.3% to 340.8%	-10,220 to -9,449	-69.5% to -64.2%		
July	14,914	15,360	3,268	-11,646	-78.1%	-12,092	-78.7%	15,868	7,819	7,819	6,018	5,662	11,670	-9,251 to -7,095	-62.0% to -47.6%	2,395 to 4,551	73.3% to 139.3%	-10,205 to -8,049	-64.3% to -50.7%		
August	15,004	15,380	4,563	-10,441	-69.6%	-10,817	-70.3%	15,830	10,057	10,057	6,864	6,289	11,779	-8,715 to -4,947	-58.1% to -33.0%	1,726 to 5,493	37.8% to 120.4%	-9,541 to -5,773	-60.3% to -36.5%		
September	13,601	13,929	3,611	-9,990	-73.5%	-10,318	-74.1%	14,295	10,708	8,942	7,017	6,045	10,914	-7,556 to -2,892	-55.6% to -21.3%	2,434 to 7,097	67.4% to 196.6%	-8,250 to -3,586	-57.7% to -25.1%		
October	12,796	12,889	3,039	-9,756	-76.2%	-9,850	-76.4%	13,067	10,457	8,023	7,276	5,970	10,676	-6,825 to -2,338	-53.3% to -18.3%	2,931 to 7,418	96.5% to 244.1%	-7,096 to -2,610	-54.3% to -20.0%		
November	10,261	10,317	1,892	-8,369	-81.6%	-8,425	-81.7%	10,449	8,353	6,325	6,422	5,017	7,787	-5,244 to -1,907	-51.1% to -18.6%	3,125 to 6,462	165.2% to 341.6%	-5,432 to -2,096	-52.0% to -20.1%		
December	10,519	10,791	2,297	-8,222	-78.2%	-8,494	-78.7%	11,094	9,065	6,886	7,726	5,808	8,055	-4,719 to -1,454	-44.9% to -13.8%	3,503 to 6,769	152.5% to 294.7%	-5,295 to -2,029	-47.7% to -18.3%		
1Q	29,909	30,705	24,654	-5,254	-17.6%	-6,050	-19.7%	30,910	5,797	5,797	5,791	5,788	5,836	-24,121 to -24,112	-80.6% to -80.6%	-18,867 to -18,858	-76.5% to -76.5%	-25,122 to -25,113	-81.3% to -81.2%		
2Q	38,324	39,305	1,935	-36,388	-95.0%	-37,370	-95.1%	40,211	11,705	11,705	10,831	10,630	18,736	-27,694 to -26,619	-72.3% to -69.5%	8,695 to 9,770	449.3% to 504.9%	-29,581 to -28,506	-73.6% to -70.9%		
3Q	43,518	44,669	11,442	-32,076	-73.7%	-33,227	-74.4%	45,922	28,583	26,817	19,899	17,996	34,363	-25,522 to -14,934	-58.6% to -34.3%	6,554 to 17,142	57.3% to 149.8%	-27,996 to -17,409	-60.9% to -37.9%		
4Q	33,575	33,997	7,228	-26,348	-78.5%	-26,769	-78.7%	34,610	27,876	21,234	21,424	16,787	26,519	-16,788 to -5,699	-50.0% to -17.0%	9,560 to 20,648	132.3% to 285.7%	-17,823 to -6,734	-51.5% to -19.5%		
Total	145,325	148,675	45,259	-100,066	-68.9%	-103,416	-69.6%	151,723	73,961	65,553	57,944	51,200	85,453	-94,125 to -71,365	-64.8% to -49.1%	5,941 to 28,702	13.1% to 63.4%	-100,522 to -77,762	-66.3% to -51.3%		

Passenger revenue (USD, million) - Europe International

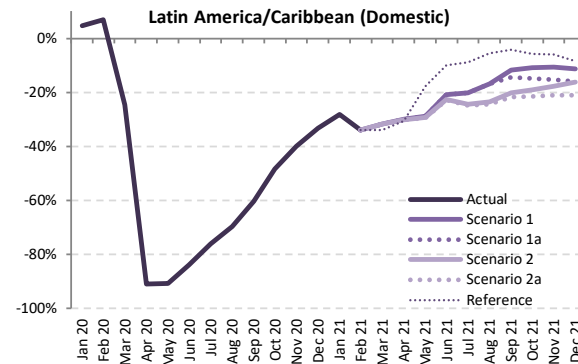
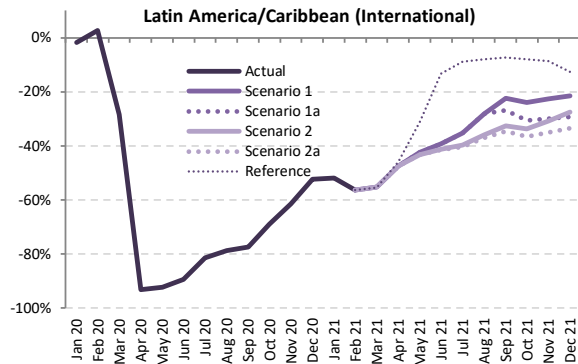
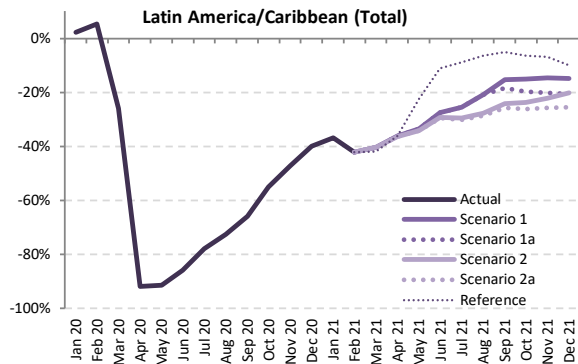
Year	2019						2020						2021							
	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline		
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e					-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	8,094	8,199	8,366	272	3.4%	167	2.0%	8,240	1,247	1,247	1,247	1,247	1,247	-6,847	-84.6%	-7,119	-85.1%	-6,992	-84.9%	
February	7,471	7,913	7,460	-11	-0.1%	-453	-5.7%	8,019	841	841	841	841	841	-6,631	-88.8%	-6,620	-88.7%	-7,179	-89.5%	
March	8,707	9,004	4,096	-4,611	-53.0%	-4,908	-54.5%	9,057	1,179	1,179	1,175	1,172	1,166	-7,534 to -7,527	-86.5% to -86.5%	-2,924 to -2,916	-71.4% to -71.2%	-7,884 to -7,877	-87.1% to -87.0%	
April	9,864	10,192	180	-9,684	-98.2%	-10,012	-98.2%	10,501	1,817	1,817	1,817	1,767	2,347	-8,097 to -8,048	-82.1% to -81.6%	1,587 to 1,637	882.6% to 910.1%	-8,734 to -8,684	-83.2% to -82.7%	
May	10,490	10,702	268	-10,222	-97.4%	-10,434	-97.5%	10,842	2,465	2,465	2,307	2,262	4,434	-8,228 to -8,024	-78.4% to -76.5%	1,994 to 2,197	745.0% to 821.0%	-8,581 to -8,377	-79.1% to -77.3%	
June	11,524	11,967	612	-10,912	-94.7%	-11,356	-94.9%	12,424	3,880	3,880	3,358	3,236	6,969	-8,288 to -7,644	-71.9% to -66.3%	2,624 to 3,268	428.8% to 534.1%	-9,188 to -8,544	-74.0% to -68.8%	
July	12,542	12,991	1,940	-10,602	-84.5%	-11,051	-85.1%	13,467	6,140	6,140	4,594	4,265	9,386	-8,276 to -6,402	-66.0% to -51.0%	2,326 to 4,200	119.9% to 216.6%	-9,202 to -7,327	-68.3% to -54.4%	
August	12,666	13,045	2,821	-9,846	-77.7%	-10,224	-78.4%	13,475	8,169	8,169	5,392	4,860	9,493	-7,806 to -4,497	-61.6% to -35.5%	2,040 to 5,349	72.3% to 189.6%	-8,614 to -5,305	-63.9% to -39.4%	
September	11,354	11,685	2,144	-9,210	-81.1%	-9,541	-81.7%	12,028	8,709	7,138	5,523	4,642	8,766	-6,712 to -2,645	-59.1% to -23.3%	2,498 to 6,565	116.5% to 306.2%	-7,385 to -3,318	-61.4% to -27.6%	
October	10,641	10,758	1,807	-8,834	-83.0%	-8,951	-83.2%	10,929	8,516	6,330	5,775	4,595	8,603	-6,046 to -2,125	-56.8% to -20.0%	2,788 to 6,709	154.3% to 371.3%	-6,334 to -2,413	-58.0% to -22.1%	
November	8,338	8,415	1,073	-7,265	-87.1%	-7,343	-87.3%	8,530	6,588	4,794	4,993	3,735	6,330	-4,603 to -1,750	-55.2% to -21.0%	2,662 to 5,515	248.2% to 514.1%	-4,795 to -1,942	-56.2% to -22.8%	
December	8,637	8,940	1,404	-7,233	-83.7%	-7,536	-84.3%	9,230	7,335	5,382	6,229	4,502	6,589	-4,135 to -1,302	-47.9% to -15.1%	3,098 to 5,931	220.6% to 422.4%	-4,728 to -1,895	-51.2% to -20.5%	
1Q	24,272	25,116	19,922	-4,350	-17.9%	-5,194	-20.7%	25,316	3,267	3,267	3,263	3,260	3,254	-21,012 to -21,005	-86.6% to -86.5%	-16,662 to -16,655	-83.6% to -83.6%	-22,056 to -22,049	-87.1% to -87.1%	
2Q	31,878	32,861	1,059	-30,818	-96.7%	-31,802	-96.8%	33,767	8,162	8,162	7,446	7,265	13,749	-24,613 to -23,716	-77.2% to -74.4%	6,205 to 7,102	585.7% to 670.4%	-26,502 to -25,606	-78.5% to -75.8%	
3Q	36,562	37,721	6,904	-29,658	-81.1%	-30,816	-81.7%	38,969	23,019	21,447	15,509	13,768	27,645	-22,794 to -13,543	-62.3% to -37.0%	6,864 to 16,115	99.4% to 233.4%	-25,201 to -15,950	-64.7% to -40.9%	
4Q	27,616	28,114	4,284	-23,332	-84.5%	-23,830	-84.8%	28,689	22,439	16,506	16,997	12,832	21,522	-14,784 to -5,177	-53.5% to -18.7%	8,548 to 18,155	199.5% to 423.8%	-15,857 to -6,250	-55.3% to -21.8%	
Total	120,328	123,811	32,169	-88,158	-73.3%	-91,642	-74.0%	126,741	56,886	49,381	43,215	37,125	66,170	-83,203 to -63,441	-69.1% to -52.7%	4,955 to 24,717	15.4% to 76.8%	-89,616 to -69,855	-70.7% to -55.1%	

Passenger revenue (USD, million) - Europe Domestic

Year	2019						2020						2021							
	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		
Month	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	872	872	872	872	872	-979	-52.9%	-1,023	-54.0%	-942	-51.9%	
February	1,758	1,757	1,765	7	0.4%	8	0.4%	1,802	751	751	751	751	751	-1,007	-57.3%	-1,014	-57.4%	-1,050	-58.3%	
March	2,028	2,001	1,073	-955	-47.1%	-928	-46.4%	1,979	906	906	905	905	959	-1,123 to -1,121	-55.4% to -55.3%	-168 to -167	-15.7% to -15.5%	-1,074 to -1,072	-54.3% to -54.2%	
April	2,020	2,023	134	-1,886	-93.3%	-1,889	-93.4%	2,011	1,005	1,005	999	997	1,242	-1,024 to -1,015	-50.7% to -50.3%	862 to 870	641.0% to 647.1%	-1,014 to -1,006	-50.4% to -50.0%	
May	2,140	2,137	159	-1,981	-92.6%	-1,978	-92.6%	2,143	1,154	1,154	1,116	1,110	1,674	-1,029 to -986	-48.1% to -46.1%	952 to 995	599.1% to 626.4%	-1,033 to -990	-48.2% to -46.2%	
June	2,286	2,284	582	-1,704	-74.5%	-1,701	-74.5%	2,290	1,385	1,385	1,270	1,258	2,071	-1,028 to -902	-45.0% to -39.4%	675 to 802	116.0% to 137.8%	-1,032 to -905	-45.1% to -39.5%	
July	2,372	2,369	1,328	-1,044	-44.0%	-1,041	-43.9%	2,401	1,679	1,679	1,424	1,397	2,284	-975 to -693	-41.1% to -29.2%	679 to 351	5.2% to 26.4%	-1,004 to -722	-41.8% to -30.1%	
August	2,337	2,335	1,743	-595	-25.4%	-592	-25.4%	2,355	1,887	1,887	1,472	1,428	2,286	-909 to -450	-38.9% to -19.3%	-314 to 144	-18.0% to 8.3%	-927 to -468	-39.4% to -19.9%	
September	2,246	2,244	1,467	-779	-34.7%	-777	-34.6%	2,267	1,999	1,804	1,494	1,403	2,148	-844 to -247	-37.6% to -11.0%	-64 to 532	4.4% to 36.3%	-865 to -268	-38.1% to -11.8%	
October	2,155	2,131	1,232	-923	-42.8%	-899	-42.2%	2,138	1,942	1,693	1,501	1,376	2,073	-779 to -213	-36.2% to -9.9%	144 to 709	11.6% to 57.6%	-763 to -197	-35.7% to -9.2%	
November	1,923	1,902	819	-1,104	-57.4%	-1,083	-56.9%	1,919	1,766	1,531	1,429	1,282	1,457	-641 to -157	-33.3% to -8.2%	463 to 947	56.6% to 115.6%	-637 to -153	-33.2% to -8.0%	
December	1,882	1,850	893	-989	-52.6%	-958	-51.8%	1,864	1,730	1,504	1,497	1,297	1,466	-584 to -152	-31.0% to -8.1%	405 to 837	45.3% to 93.8%	-637 to -134	-30.4% to -7.2%	
1Q	5,637	5,589	4,732	-904	-16.0%	-857	-15.3%	5,594	2,529	2,529	2,528	2,528	2,582	-3,109 to -3,107	-55.2% to -55.1%	-2,205 to -2,203	-46.6% to -46.6%	-3,066 to -3,064	-54.8% to -54.8%	
2Q	6,446	6,444	876	-5,570	-86.4%	-5,568	-86.4%	6,443	3,543	3,543	3,385	3,365	4,986	-3,081 to -2,903	-47.8% to -45.0%	2,489 to 2,668	284.2% to 304.6%	-3,078 to -2,900	-47.8% to -45.0%	
3Q	6,956	6,948	4,537	-2,418	-34.8%	-2,411	-34.7%	7,023	5,565	5,370	4,920	4,228	6,718	-2,728 to -1,391	-39.2% to -20.0%	-310 to 1,027	-6.8% to 22.6%	-2,795 to -1,458	-39.8% to -20.8%	
4Q	5,959	5,883	2,944	-3,016	-50.6%	-2,939	-50.0%	5,922	5,437	4,729	4,427	3,955	4,996	-2,004 to -522	-33.6% to -8.8%	1,011 to 2,493	34.4% to 84.7%	-1,966 to -484	-33.2% to -8.2%	
Total	24,998	24,864	13,089	-11,908	-47.6%	-11,775	-47.4%	24,982	17,075	16,171	14,730	14,076	19,283	-10,922 to -7,923	-43.7% to -31.7%	986 to 3,985	7.5% to 30.4%	-10,906 to -7,907	-43.7% to -31.7%	

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	-39.7% to -39.7%	-54.5% to -54.5%	-31.1% to -31.1%	-43,221 to -43,173	-49.8% to -49.8%	-23,031 to -23,011	-73.6% to -73.5%	-20,190 to -20,162	-36.4% to -36.4%	-6,376 to -6,370	-4,680 to -4,676	-1,696 to -1,694
2Q 2021	-33.3% to -32.4%	-44.1% to -43.1%	-27.5% to -26.7%	-36,805 to -35,073	-44.2% to -42.1%	-19,107 to -18,309	-65.4% to -62.7%	-17,698 to -16,764	-32.8% to -31.0%	-5,343 to -5,109	-3,873 to -3,717	-1,471 to -1,393
3Q 2021	-28.3% to -20.7%	-37.5% to -29.0%	-23.7% to -16.5%	-32,692 to -22,380	-37.4% to -25.6%	-16,340 to -11,742	-55.7% to -40.0%	-16,352 to -10,638	-28.2% to -18.3%	-4,755 to -3,370	-3,388 to -2,478	-1,367 to -891
4Q 2021	-25.8% to -14.9%	-34.9% to -22.6%	-21.2% to -11.0%	-30,084 to -16,042	-34.7% to -18.5%	-15,014 to -8,929	-52.5% to -31.2%	-15,070 to -7,113	-25.9% to -12.2%	-4,357 to -2,484	-3,093 to -1,883	-1,264 to -602
Total 2021	-31.8% to -26.9%	-43.1% to -37.8%	-25.8% to -21.1%	-142,802 to -116,668	-41.5% to -33.9%	-73,492 to -61,991	-62.0% to -52.3%	-69,311 to -54,677	-30.7% to -24.2%	-20,832 to -17,333	-15,035 to -12,754	-5,797 to -4,580



Seat Capacity (thousand) - Latin America/Caribbean International + Domestic

Year	2019		2020						2021										
	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	
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	e	e	e	e	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	21,511	21,511	21,511	20,986	-14,626 to -14,626	-40.5% to -40.5%	-5,247 to -5,247	-19.6% to -19.6%	-16,869 to -16,869	-44.0% to -44.0%	
April	34,019	35,632	2,808	-31,211	-91.7%	-32,824	-92.1%	36,978	21,683	21,683	21,650	21,645	21,751	-12,374 to -12,335	-36.4% to -36.3%	18,837 to 18,876	670.9% to 672.3%	-15,333 to -15,295	-41.5% to -41.4%
May	34,267	36,112	2,976	-31,291	-91.3%	-33,136	-91.8%	37,045	22,768	22,768	22,587	22,563	26,615	-11,704 to -11,499	-34.2% to -33.6%	19,588 to 19,793	658.3% to 665.2%	-14,482 to -14,277	-39.1% to -38.5%
June	33,623	35,813	4,789	-28,835	-85.8%	-31,024	-86.6%	37,518	24,408	24,408	23,794	23,717	29,865	-9,906 to -9,216	-29.5% to -27.4%	18,928 to 19,619	395.3% to 409.7%	-13,800 to -13,110	-36.8% to -34.9%
July	37,333	38,664	8,244	-29,089	-77.9%	-30,421	-78.7%	40,087	27,850	27,850	26,281	26,081	34,010	-11,252 to -9,483	-30.1% to -25.4%	17,838 to 19,606	216.4% to 237.8%	-14,006 to -12,237	-34.9% to -30.5%
August	35,832	37,045	9,806	-26,026	-72.6%	-27,239	-73.5%	38,432	28,393	28,393	25,900	25,550	33,553	-10,282 to -7,439	-28.7% to -20.8%	15,744 to 18,587	160.6% to 189.5%	-12,882 to -10,039	-33.5% to -26.1%
September	32,965	34,439	11,263	-21,702	-65.8%	-23,176	-67.3%	35,982	27,950	26,914	24,997	24,467	31,267	-8,498 to -5,015	-25.8% to -15.2%	13,204 to 16,687	117.2% to 148.2%	-11,515 to -8,031	-32.0% to -22.3%
October	34,404	35,289	15,499	-18,905	-54.9%	-19,790	-56.1%	36,614	29,252	27,577	26,226	25,385	32,195	-9,019 to -5,152	-26.2% to -15.0%	9,886 to 13,753	63.8% to 88.7%	-11,229 to -7,362	-30.7% to -20.1%
November	34,497	35,091	18,229	-16,268	-47.2%	-16,862	-48.1%	36,425	29,412	27,511	26,843	25,594	32,115	-8,903 to -5,085	-25.8% to -14.7%	7,365 to 11,183	40.4% to 61.3%	-10,831 to -7,013	-29.7% to -19.3%
December	37,593	38,138	22,584	-15,009	-39.9%	-15,554	-40.8%	39,326	31,987	29,815	30,037	28,037	33,868	-9,556 to -5,607	-25.4% to -14.9%	5,454 to 9,403	24.1% to 41.6%	-11,289 to -7,339	-28.7% to -18.7%
1Q	107,430	110,842	100,693	-6,737	-6.3%	-10,148	-9.2%	112,641	64,755	64,755	64,755	64,755	64,230	-42,675 to -42,675	-39.7% to -39.7%	-35,938 to -35,938	-35.7% to -35.7%	-47,886 to -47,886	-42.5% to -42.5%
2Q	101,909	107,557	10,572	-91,337	-89.6%	-96,985	-90.2%	111,541	68,860	68,860	68,031	67,925	78,231	-33,984 to -33,049	-33.3% to -32.4%	57,353 to 58,288	542.5% to 551.3%	-43,616 to -42,681	-39.1% to -38.3%
3Q	106,130	110,149	29,313	-76,818	-72.4%	-80,836	-73.4%	114,501	84,193	83,157	77,177	76,099	98,830	-30,032 to -21,937	-28.3% to -20.7%	46,786 to 54,881	159.6% to 187.2%	-38,402 to -30,308	-33.5% to -26.5%
4Q	106,494	108,518	56,312	-50,182	-47.1%	-52,206	-48.1%	112,364	90,651	84,903	83,105	79,016	98,178	-27,478 to -15,843	-25.8% to -14.9%	22,704 to 34,339	40.3% to 61.0%	-33,349 to -21,714	-29.7% to -19.3%
Total	421,963	437,065	196,890	-225,073	-53.3%	-240,175	-55.0%	451,048	308,459	301,675	293,068	287,795	339,470	-134,168 to -113,504	-31.8% to -26.9%	90,905 to 111,569	46.2% to 56.7%	-163,253 to -142,589	-36.2% to -31.6%

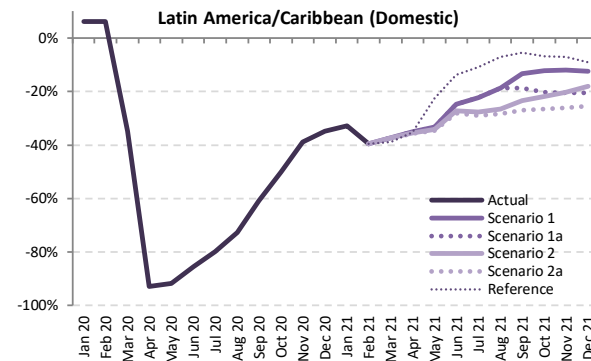
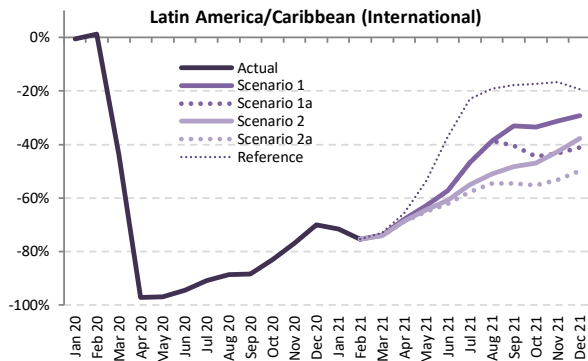
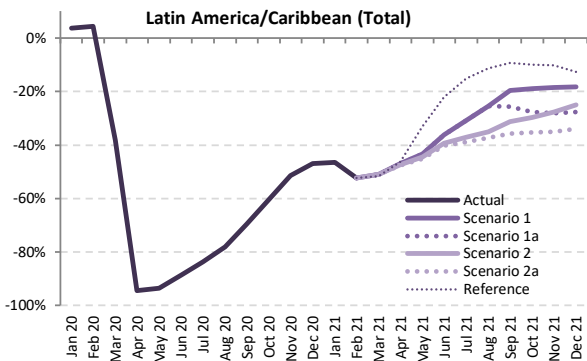


Seat Capacity (thousand) - Latin America/Caribbean International

Year	2019					2020					2021								
	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					
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	f	g	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	-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	-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	6,039	6,039	6,039	6,003	-7,456 to -7,456	-55.2% to -55.2%	-3,636 to -3,636	-37.6% to -37.6%	-6,896 to -6,896	-53.3% to -53.3%	
April	12,170	12,539	840	-11,331	-93.1%	-11,700	-93.3%	12,809	6,400	6,400	6,385	6,383	6,596	-5,788 to -5,771	-47.6% to -47.4%	5,543 to 5,560	660.0% to 662.0%	-6,426 to -6,409	-50.2% to -50.0%
May	11,787	12,242	906	-10,881	-92.3%	-11,336	-92.6%	12,632	6,786	6,786	6,785	6,693	8,137	-5,094 to -5,001	-43.2% to -42.4%	5,786 to 5,860	638.6% to 649.0%	-5,939 to -5,845	-47.0% to -46.3%
June	11,834	12,226	1,253	-10,580	-89.4%	-10,972	-89.7%	12,508	7,184	7,184	6,946	6,919	10,257	-4,915 to -4,650	-41.5% to -39.3%	5,666 to 5,931	452.1% to 473.3%	-5,589 to -5,324	-44.7% to -42.6%
July	12,806	13,103	2,371	-10,434	-81.5%	-10,732	-81.9%	13,353	8,294	8,294	7,715	7,645	11,677	-5,160 to -4,512	-40.3% to -35.2%	5,274 to 5,923	222.4% to 249.8%	-5,708 to -5,059	-42.7% to -37.9%
August	12,203	12,642	2,607	-9,596	-78.6%	-10,035	-79.4%	13,032	8,766	8,766	7,808	7,680	11,238	-4,523 to -3,437	-37.1% to -28.2%	5,073 to 6,159	194.6% to 236.2%	-5,352 to -4,266	-41.1% to -32.7%
September	10,491	11,018	2,364	-8,127	-77.5%	-8,654	-78.5%	11,338	8,130	7,677	7,062	6,867	9,730	-3,624 to -2,361	-34.5% to -22.5%	4,503 to 5,766	190.5% to 243.9%	-4,471 to -3,208	-39.4% to -28.3%
October	10,906	10,820	3,373	-7,533	-69.1%	-7,446	-68.8%	11,141	8,284	7,573	7,223	6,917	10,027	-3,989 to -2,622	-36.6% to -24.0%	3,544 to 4,911	105.0% to 145.6%	-4,225 to -2,857	-37.9% to -25.6%
November	11,631	11,459	4,483	-7,149	-61.5%	-6,977	-60.9%	11,903	9,002	8,141	8,049	7,560	10,628	-4,071 to -2,629	-35.0% to -22.6%	3,078 to 4,520	68.7% to 100.8%	-4,343 to -2,900	-36.5% to -24.4%
December	13,268	13,108	6,332	-6,936	-52.3%	-6,776	-51.7%	13,612	10,418	9,392	9,624	8,830	11,583	-4,437 to -2,849	-33.4% to -21.5%	2,498 to 4,086	39.5% to 64.5%	-4,781 to -3,193	-35.1% to -23.5%
1Q	39,527	39,168	35,772	-3,756	-9.5%	-3,396	-8.7%	38,611	17,998	17,998	17,998	17,998	17,961	-21,530 to -21,530	-54.5% to -54.5%	-17,774 to -17,774	-49.7% to -49.7%	-20,614 to -20,614	-53.4% to -53.4%
2Q	35,791	37,007	2,999	-32,792	-91.6%	-34,007	-91.9%	37,948	20,370	20,370	20,032	19,994	24,990	-15,797 to -15,421	-44.1% to -43.1%	16,995 to 17,371	566.7% to 579.2%	-17,954 to -17,578	-47.3% to -46.3%
3Q	35,499	36,763	7,342	-28,157	-79.3%	-29,421	-80.0%	37,723	25,189	24,736	22,584	22,193	32,645	-13,306 to -10,310	-37.5% to -29.0%	14,851 to 17,847	202.3% to 243.1%	-15,530 to -12,534	-41.2% to -33.2%
4Q	35,805	35,387	14,188	-21,617	-60.4%	-21,199	-59.9%	36,656	27,705	25,106	24,896	23,307	32,238	-12,498 to -8,100	-34.9% to -22.6%	9,119 to 13,517	64.3% to 95.3%	-13,349 to -8,951	-36.4% to -24.4%
Total	146,623	148,324	60,301	-86,322	-58.9%	-88,024	-59.3%	150,939	91,262	88,209	85,509	83,492	107,834	-63,131 to -55,361	-43.1% to -37.8%	23,191 to 30,961	38.5% to 51.3%	-67,447 to -59,677	-44.7% to -39.5%

Seat Capacity (thousand) - Latin America/Caribbean Domestic

Year	2019					2020					2021								
	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					
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	f	g	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	15,471	15,471	15,471	15,471	15,471	-7,170 to -7,170	-31.7% to -31.7%	-1,611 to -1,611	-9.4% to -9.4%	-9,973 to -9,973	-39.2% to -39.2%
April	21,848	23,093	1,968	-19,880	-91.0%	-21,125	-91.5%	24,169	15,284	15,284	15,265	15,265	15,155	-6,586 to -6,564	-30.1% to -30.0%	13,294 to 13,316	675.6% to 676.7%	-8,907 to -8,885	-36.9% to -36.8%
May	22,480	23,870	2,070	-20,410	-90.8%	-21,801	-91.3%	24,414	15,982	15,982	15,885	15,871	18,478	-6,609 to -6,498	-29.4% to -28.9%	13,801 to 13,913	666.9% to 672.3%	-8,543 to -8,431	-35.0% to -34.5%
June	21,790	23,587	3,536	-18,254	-83.8%	-20,052	-85.0%	25,010	17,224	17,224	16,849	16,799	19,608	-4,991 to -4,566	-22.9% to -21.0%	13,263 to 13,688	375.1% to 387.1%	-8,211 to -7,786	-32.8% to -31.1%
July	24,528	25,562	5,873	-18,655	-76.1%	-19,689	-77.0%	26,734	19,556	19,556	18,566	18,436	22,334	-6,092 to -4,971	-24.4% to -20.3%	12,563 to 13,684	213.9% to 233.0%	-8,298 to -7,178	-31.0% to -26.8%
August	23,629	24,403	7,199	-16,430	-69.5%	-17,204	-70.5%	25,400	19,627	19,627	18,092	17,870	22,314	-5,759 to -4,002	-24.8% to -16.9%	10,671 to 12,428	148.2% to 172.6%	-7,530 to -5,773	-29.6% to -22.7%
September	22,474	23,421	8,899	-13,575	-60.4%	-14,522	-62.0%	24,644	19,820	19,237	17,935	17,600	21,538	-4,874 to -2,654	-21.7% to -11.8%	8,701 to 10,921	97.8% to 122.7%	-7,044 to -4,823	-28.6% to -19.6%
October	23,498	24,469	12,126	-11,372	-48.4%	-12,343	-50.4%	25,472	20,968	20,004	19,003	18,468	22,168	-5,030 to -2,530	-21.4% to -10.8%	6,342 to 8,842	52.3% to 72.9%	-7,004 to -4,504	-27.5% to -17.7%
November	22,866	23,632	13,746	-9,119	-39.9%	-9,885	-41.8%	24,522	20,410	19,370	18,793	18,034	21,487	-4,832 to -2,456	-21.1% to -10.7%	4,287 to 6,663	31.2% to 48.5%	-6,489 to -4,113	-26.5% to -16.8%
December	24,326	25,030	16,252	-8,074	-33.2%	-8,778	-35.1%	25,714	21,568	20,423	20,413	19,207	22,285	-5,118 to -2,757	-21.0% to -11.3%	2,955 to 5,316	18.2% to 32.7%	-6,507 to -4,146	-25.3% to -16.1%
1Q	67,903	71,674	64,922	-2,981	-4.4%	-6,752	-9.4%	74,030	46,758	46,758	46,758	46,758	46,269	-21,145 to -21,145	-31.1% to -31.1%	-18,164 to -18,164	-28.0% to -28.0%	-27,273 to -27,273	-36.8% to -36.8%
2Q	66,118	70,550	7,573	-58,545	-88.5%	-62,977	-89.3%	73,593	48,490	48,490	47,999	47,991	53,241	-18,187 to -17,628	-27.5% to -26.7%	40,358 to 40,917	532.9% to 540.3%	-25,662 to -25,103	-34.9% to -34.1%
3Q	70,631	73,385	21,971	-48,660	-68.9%	-51,415	-70.1%	76,778	59,004	58,421	54,593	53,966	66,186	-16,725 to -11,627	-23.7% to -16.5%	31,935 to 37,033	145.4% to 168.6%	-22,872 to -17,774	-29.8% to -23.1%
4Q	70,689	73,131	42,124	-28,565	-40.4%	-31,007	-42.4%	75,709	62,946	59,798	58,210	55,709	65,940	-14,980 to -7,743	-21.2% to -11.0%	13,585 to 20,822	32.2% to 49.4%	-20,000 to -12,763	-26.4% to -16.9%
Total	275,341	288,741	136,590	-138,751	-50.4%	-152,151	-52.7%	300,109	217,197	213,466	207,559	204,303	231,636	-71,037 to -58,144	-25.8% to -21.1%	67,714 to 80,607	49.6% to 59.0%	-95,806 to -82,912	-31.9% to -27.6%



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

Year	2019						2020						2021						
	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	
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	e	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	16,494	16,494	16,494	16,494	16,494	-14,349	-46.5%	-15,513	-48.5%	-15,648	-48.7%
February	26,782	28,144	27,966	1,185	4.4%	-177	-0.6%	28,607	12,757	12,757	12,757	12,757	12,757	-14,025	-52.4%	-15,210	-54.4%	-15,850	-55.4%
March	29,083	30,363	17,963	-11,120	-38.2%	-12,399	-40.8%	31,251	14,284	14,284	14,252	14,236	14,079	-14,847 to -14,799	-51.1% to -50.9%	-3,728 to -3,679	-20.8% to -20.5%	-17,016 to -16,967	-54.4% to -54.3%
April	27,557	29,032	1,530	-26,027	-94.4%	-27,502	-94.7%	30,293	14,633	14,633	14,509	14,453	14,818	-13,103 to -12,924	-47.6% to -46.9%	12,924 to 13,103	844.9% to 856.7%	-15,839 to -15,660	-52.3% to -51.7%
May	27,945	29,622	1,832	-26,113	-93.4%	-27,789	-93.8%	30,552	15,834	15,834	15,491	15,359	18,688	-12,586 to -12,111	-45.0% to -43.3%	13,527 to 14,002	738.2% to 764.1%	-15,193 to -14,718	-49.7% to -48.2%
June	27,710	29,678	3,162	-24,548	-88.6%	-26,517	-89.3%	31,260	17,672	17,672	16,848	16,594	21,604	-11,116 to -10,038	-40.1% to -36.2%	13,432 to 14,510	424.8% to 458.9%	-14,666 to -13,588	-46.9% to -43.5%
July	31,416	32,731	5,165	-26,251	-83.6%	-27,566	-84.2%	34,127	21,773	21,773	19,782	19,236	26,700	-12,180 to -9,643	-38.8% to -30.7%	14,071 to 16,609	272.5% to 321.6%	-14,891 to -12,353	-43.6% to -36.2%
August	29,495	30,672	6,447	-23,048	-78.1%	-24,225	-79.0%	31,999	21,968	21,968	19,174	18,471	26,186	-11,024 to -7,527	-37.4% to -25.5%	12,024 to 15,521	186.5% to 240.8%	-13,528 to -10,031	-42.3% to -31.3%
September	26,499	27,847	8,072	-18,427	-69.5%	-19,775	-71.0%	29,263	21,288	19,693	18,196	17,011	24,023	-9,488 to -5,211	-35.8% to -19.7%	8,939 to 13,216	110.7% to 163.7%	-12,252 to -7,975	-41.9% to -27.3%
October	27,937	28,829	11,102	-16,836	-60.3%	-17,728	-61.5%	30,677	22,676	20,184	19,647	18,051	25,131	-9,886 to -5,261	-35.4% to -18.8%	6,949 to 11,575	62.6% to 104.3%	-12,026 to -7,401	-40.0% to -24.6%
November	27,860	28,511	13,508	-14,353	-51.5%	-15,003	-52.6%	29,754	22,723	20,059	20,167	18,109	25,020	-9,752 to -5,137	-35.0% to -18.4%	4,601 to 9,215	34.1% to 68.2%	-11,645 to -7,031	-39.1% to -23.6%
December	30,886	31,517	16,376	-14,510	-47.0%	-15,141	-48.0%	32,693	25,243	22,353	23,198	20,440	26,986	-10,446 to -5,643	-33.8% to -18.3%	4,064 to 8,866	24.8% to 54.1%	-12,252 to -7,450	-37.5% to -22.8%
1Q	86,707	90,003	77,937	-8,770	-10.1%	-12,066	-13.4%	92,001	43,535	43,535	43,503	43,486	43,330	-43,221 to -43,173	-49.8% to -49.8%	-34,451 to -34,402	-44.2% to -44.1%	-48,514 to -48,466	-52.7% to -52.7%
2Q	83,212	88,332	6,524	-76,688	-92.2%	-81,808	-92.6%	92,104	48,138	48,138	46,848	46,407	55,110	-36,805 to -35,073	-44.2% to -42.1%	39,883 to 41,615	611.3% to 637.9%	-45,698 to -43,966	-49.6% to -47.7%
3Q	87,410	91,250	19,684	-67,727	-77.5%	-71,567	-78.4%	95,389	65,030	63,435	57,152	54,718	76,909	-32,692 to -22,380	-37.4% to -25.6%	35,035 to 45,346	178.0% to 230.4%	-40,670 to -30,359	-42.6% to -31.8%
4Q	86,684	88,857	40,985	-45,698	-52.7%	-47,872	-53.9%	92,523	70,642	62,597	63,012	56,600	77,137	-30,084 to -16,042	-34.7% to -18.5%	15,614 to 29,656	38.1% to 72.4%	-35,924 to -21,882	-38.8% to -23.6%
Total	344,013	358,442	145,130	-198,883	-57.8%	-213,312	-59.5%	372,017	227,345	217,705	210,514	201,211	252,486	-142,802 to -116,668	-41.5% to -33.9%	56,080 to 82,215	38.6% to 56.6%	-170,806 to -144,672	-45.9% to -38.9%



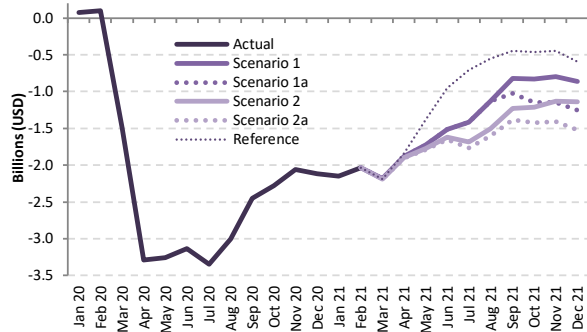
Passenger Number (thousand) - Latin America/Caribbean International

Year	2019					2020					2021									
	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				
Month	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	3,102	3,102	3,102	3,102	3,102	-7,824	-71.6%	-7,773	-71.5%	-7,555	-70.9%	
February	9,534	9,706	9,652	118	1.2%	-54	-0.6%	9,644	2,346	2,346	2,346	2,346	2,346	-7,189	-75.4%	-7,306	-75.7%	-7,298	-75.7%	
March	10,830	10,670	6,066	-4,764	-44.0%	-4,605	-43.2%	10,438	2,832	2,832	2,819	2,812	2,930	-8,018 to -7,998	-74.0% to -73.9%	-3,254 to -3,234	-53.6% to -53.3%	-7,626 to -7,606	-73.1% to -72.9%	
April	9,833	10,171	275	-9,558	-97.2%	-9,897	-97.3%	10,408	3,141	3,141	3,085	3,059	3,363	-6,773 to -6,692	-68.9% to -68.1%	2,785 to 2,866	1014.5% to 1044.2%	-7,349 to -7,267	-70.6% to -69.8%	
May	9,569	9,976	299	-9,270	-96.9%	-9,677	-97.0%	10,311	3,566	3,566	3,402	3,336	4,431	-6,233 to -6,003	-65.1% to -62.7%	3,037 to 3,267	1015.7% to 1092.6%	-6,975 to -6,745	-67.6% to -65.4%	
June	9,808	10,168	554	-9,253	-94.3%	-9,614	-94.5%	10,418	4,194	4,194	3,835	3,707	6,183	-6,101 to -5,614	-62.2% to -57.2%	3,153 to 3,639	568.6% to 656.4%	-6,710 to -6,224	-64.4% to -59.7%	
July	10,759	11,055	988	-9,771	-90.8%	-10,067	-91.1%	11,289	5,732	5,732	4,846	4,554	8,292	-6,205 to -5,028	-57.7% to -46.7%	3,566 to 4,743	360.8% to 479.9%	-6,735 to -5,558	-59.7% to -49.2%	
August	10,182	10,587	1,155	-9,027	-88.7%	-9,432	-89.1%	10,933	6,251	6,251	5,003	4,635	8,229	-5,547 to -3,931	-54.5% to -38.6%	3,480 to 5,096	301.4% to 441.4%	-6,298 to -4,682	-57.6% to -42.8%	
September	8,413	8,868	970	-7,443	-88.5%	-7,898	-89.1%	9,142	5,629	5,008	4,352	3,825	6,922	-4,588 to -2,784	-54.5% to -33.1%	2,855 to 4,659	294.3% to 480.2%	-5,317 to -3,513	-58.2% to -38.4%	
October	8,630	8,599	1,460	-7,170	-83.1%	-7,139	-83.0%	8,870	5,737	4,792	4,572	3,865	7,135	-4,765 to -2,893	-55.2% to -33.5%	2,405 to 4,277	164.7% to 292.9%	-5,004 to -3,133	-56.4% to -35.3%	
November	9,239	9,139	2,129	-7,110	-77.0%	-7,010	-76.7%	9,509	6,342	5,235	5,300	4,331	7,690	-4,908 to -2,897	-53.1% to -31.4%	2,202 to 4,213	103.5% to 197.9%	-5,178 to -3,166	-54.5% to -33.3%	
December	10,726	10,641	3,228	-7,498	-69.9%	-7,413	-69.7%	11,087	7,587	6,321	6,672	5,384	8,656	-5,342 to -3,139	-49.8% to -29.3%	2,157 to 4,359	66.8% to 135.1%	-5,703 to -3,500	-51.4% to -31.6%	
1Q	31,290	31,127	26,592	-4,698	-15.0%	-4,535	-14.6%	30,738	8,280	8,280	8,266	8,260	8,377	-23,031 to -23,011	-73.6% to -73.5%	-18,333 to -18,313	-68.9% to -68.9%	-22,479 to -22,459	-73.1% to -73.1%	
2Q	29,210	30,316	1,128	-28,082	-96.1%	-29,188	-96.3%	31,137	10,901	10,901	10,322	10,103	13,978	-19,107 to -18,309	-65.4% to -62.7%	8,975 to 9,773	795.7% to 866.4%	-21,034 to -20,236	-67.6% to -65.0%	
3Q	29,354	30,510	3,113	-26,240	-89.4%	-27,397	-89.8%	31,364	17,611	16,990	14,200	13,014	23,442	-16,340 to -11,742	-55.7% to -40.0%	9,901 to 14,978	318.0% to 465.7%	-18,350 to -13,753	-58.5% to -43.8%	
4Q	28,595	28,378	6,817	-21,778	-76.2%	-21,562	-76.0%	29,465	19,666	16,348	16,543	13,581	23,481	-15,014 to -8,929	-52.5% to -31.2%	6,764 to 12,850	99.2% to 188.5%	-15,885 to -9,799	-53.9% to -33.3%	
Total	118,449	120,332	37,650	-80,799	-68.2%	-82,682	-68.7%	122,705	56,458	52,519	49,332	44,957	69,278	-73,492 to -61,991	-62.0% to -52.3%	7,307 to 18,808	19.4% to 50.0%	-77,747 to -66,246	-63.4% to -54.0%	

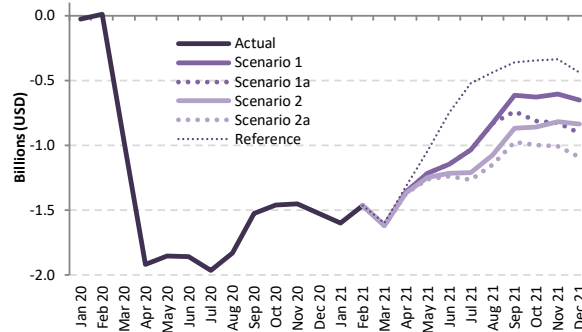
Passenger Number (thousand) - Latin America/Caribbean Domestic

Year	2019					2020					2021									
	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				
Month	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	13,392	13,392	13,392	13,392	13,392	-6,525	-32.8%	-7,740	-36.6%	-8,094	-37.7%	
February	17,247	18,438	18,315	1,067	6.2%	-124	-0.7%	18,963	10,411	10,411	10,411	10,411	10,411	-6,836	-39.6%	-7,904	-43.2%	-8,552	-45.1%	
March	18,253	19,692	11,898	-6,355	-34.8%	-7,795	-39.6%	20,813	11,452	11,452	11,433	11,424	11,150	-6,829 to -6,801	-37.4% to -37.3%	-474 to -446	-4.0% to -3.7%	-9,390 to -9,361	-45.1% to -45.0%	
April	17,724	18,860	1,255	-16,469	-92.9%	-17,605	-93.3%	19,885	11,492	11,492	11,424	11,394	11,455	-6,330 to -6,232	-35.7% to -35.2%	10,139 to 10,237	807.8% to 815.6%	-8,491 to -8,393	-42.7% to -42.2%	
May	18,376	19,645	1,533	-16,843	-91.7%	-18,112	-92.2%	20,241	12,268	12,268	12,088	12,024	14,257	-6,353 to -6,108	-34.6% to -33.2%	10,490 to 10,735	684.1% to 700.1%	-8,218 to -7,973	-40.6% to -39.4%	
June	17,902	19,510	2,607	-15,295	-85.4%	-16,903	-86.6%	20,842	13,478	13,478	13,013	12,887	15,421	-5,015 to -4,424	-28.0% to -24.7%	10,279 to 10,870	394.2% to 416.9%	-7,955 to -7,364	-38.2% to -35.3%	
July	20,657	21,676	4,176	-16,481	-79.8%	-17,499	-80.7%	22,837	16,042	16,042	14,937	14,682	18,408	-5,975 to -4,615	-28.9% to -22.3%	10,506 to 11,866	251.6% to 284.1%	-8,156 to -6,795	-35.7% to -29.8%	
August	19,314	20,085	5,292	-14,021	-72.6%	-14,793	-73.7%	21,066	15,717	15,717	14,171	13,836	17,957	-5,477 to -3,596	-28.4% to -18.6%	8,544 to 10,425	161.4% to 197.0%	-7,230 to -5,349	-34.3% to -25.4%	
September	18,086	18,979	7,102	-10,984	-60.7%	-11,877	-62.6%	20,121	15,660	14,685	13,844	13,186	17,101	-4,900 to -2,427	-27.1% to -13.4%	6,084 to 8,558	85.7% to 120.5%	-6,935 to -4,461	-34.5% to -22.2%	
October	19,307	20,230	9,641	-9,666	-50.1%	-10,589	-52.3%	21,207	16,939	15,392	15,076	14,185	17,996	-5,122 to -2,368	-26.5% to -12.3%	4,544 to 7,298	47.1% to 75.7%	-6,022 to -4,268	-33.1% to -20.1%	
November	18,622	19,372	11,379	-7,243	-38.9%	-7,993	-41.3%	20,245	16,381	14,824	14,867	13,778	17,330	-4,844 to -2,241	-26.0% to -12.0%	2,399 to 5,002	21.1% to 44.0%	-6,467 to -3,864	-31.9% to -19.1%	
December	20,160	20,876	13,149	-7,011	-34.8%	-7,728	-37.0%	21,606	17,656	16,033	16,526	15,056	18,330	-5,104 to -2,504	-23.6% to -12.4%	1,907 to 4,507	114.5% to 34.3%	-6,550 to -3,950	-30.3% to -18.3%	
1Q	55,417	58,876	51,345	-4,072	-7.3%	-7,531	-12.8%	61,262	35,255	35,255	35,236	35,227	34,953	-20,190 to -20,162	-36.4% to -36.4%	-16,118 to -16,090	-31.4% to -31.3%	-26,036 to -26,007	-42.5% to -42.5%	
2Q	54,002	58,016	5,396	-48,606	-90.0%	-52,620	-90.7%	60,968	37,237	37,237	36,252	36,304	41,132	-17,698 to -16,764	-32.8% to -31.0%	30,908 to 31,842	572.8% to 590.1%	-24,664 to -23,730	-40.5% to -38.9%	
3Q	58,057	60,740	16,570	-41,486	-71.5%	-44,169	-72.7%	64,024	47,419	46,445	42,952	41,704	53,467	-16,352 to -10,638	-28.2% to -18.3%	25,134 to 30,848	151.7% to 186.2%	-22,320 to -16,605	-34.9% to -25.9%	
4Q	58,089	60,479	34,169	-23,920	-41.2%	-26,310	-43.5%	63,058	50,976	46,249	46,469	43,019	53,656	-15,070 to -7,113	-25.9% to -12.2%	8,850 to 16,807	25.9% to 49.2%	-20,039 to -12,083	-31.8% to -19.2%	
Total	225,564	238,110	107,480	-118,084	-52.4%	-130,630	-54.9%	249,312	170,887	165,186	161,183	156,254	183,208	-69,311 to -54,677	-30.7% to -24.2%	48,773 to 63,407	45.4% to 59.0%	-93,059 to -78,426	-37.3% to -31.5%	

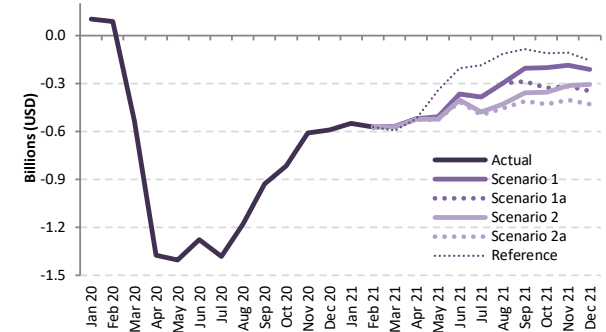
Latin America/Caribbean (Total)



Latin America/Caribbean (International)



Latin America/Caribbean (Domestic)



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

Year	2019							2020							2021						
	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			
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	e	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	1,718	1,718	1,718	1,718	1,718	-2,147	-55.5%	-2,222	-56.4%	-2,225	-56.4%		
February	3,361	3,483	3,457	96	2.9%	-26	-0.8%	3,523	1,322	1,322	1,322	1,322	1,322	-2,038	-60.7%	-2,135	-61.8%	-2,201	-62.5%		
March	3,688	3,768	2,196	-1,492	-40.5%	-1,571	-41.7%	3,826	1,504	1,504	1,500	1,498	1,498	-2,191 to -2,185	-59.4% to -59.2%	-699 to -693	-31.8% to -31.5%	-2,329 to -2,322	-60.9% to -60.7%		
April	3,444	3,609	154	-3,290	-95.5%	-3,455	-95.7%	3,745	1,568	1,568	1,551	1,544	1,608	-1,900 to -1,876	-55.2% to -54.5%	1,390 to 1,414	901.2% to 916.7%	-2,201 to -2,177	-58.8% to -58.1%		
May	3,439	3,630	184	-3,256	-94.7%	-3,446	-94.9%	3,745	1,716	1,716	1,669	1,651	2,052	-1,789 to -1,723	-52.0% to -50.1%	1,467 to 1,532	797.7% to 833.3%	-2,094 to -2,029	-55.9% to -54.2%		
June	3,450	3,666	316	-3,134	-90.8%	-3,350	-91.4%	3,831	1,940	1,940	1,831	1,795	2,498	-1,654 to -1,510	-48.0% to -43.8%	1,480 to 1,624	468.4% to 514.2%	-2,036 to -1,891	-53.1% to -49.4%		
July	3,875	4,038	529	-3,346	-86.4%	-3,509	-86.9%	4,197	2,456	2,456	2,189	2,111	3,165	-1,764 to -1,419	-45.5% to -36.6%	1,582 to 1,927	299.2% to 364.4%	-2,086 to -1,741	-49.7% to -41.5%		
August	3,664	3,827	657	-3,007	-82.1%	-3,170	-82.8%	3,990	2,533	2,533	2,157	2,057	3,114	-1,607 to -1,130	-43.9% to -30.9%	1,400 to 1,877	213.2% to 285.8%	-1,933 to -1,457	-48.5% to -36.5%		
September	3,229	3,398	777	-2,452	-75.9%	-2,620	-77.1%	3,554	2,409	2,204	2,004	1,845	2,785	-1,384 to -820	-42.9% to -25.4%	1,068 to 1,632	137.4% to 210.0%	-1,708 to -1,145	-48.1% to -32.2%		
October	3,364	3,437	1,087	-2,278	-67.7%	-2,351	-68.4%	3,582	2,538	2,221	2,150	1,937	2,904	-1,428 to -826	-42.4% to -24.6%	850 to 1,451	78.2% to 133.6%	-1,646 to -1,044	-45.9% to -29.2%		
November	3,405	3,436	1,347	-2,059	-60.5%	-2,089	-60.8%	3,587	2,611	2,260	2,276	1,994	2,958	-1,411 to -795	-41.4% to -23.3%	647 to 1,264	48.1% to 93.9%	-1,592 to -976	-44.4% to -27.2%		
December	3,826	3,867	1,712	-2,114	-55.3%	-2,155	-55.7%	4,024	2,962	2,574	2,684	2,307	3,230	-1,518 to -864	-39.7% to -22.6%	595 to 1,250	34.8% to 73.1%	-1,717 to -1,062	-42.7% to -26.4%		
1Q	10,914	11,138	9,593	-1,321	-12.1%	-1,545	-13.9%	11,292	4,544	4,544	4,540	4,538	4,538	-6,376 to -6,370	-58.4% to -58.4%	-5,055 to -5,049	-52.7% to -52.6%	-6,754 to -6,748	-59.8% to -59.8%		
2Q	10,333	10,905	654	-9,679	-93.7%	-10,251	-94.0%	11,320	5,224	5,224	5,051	4,990	6,159	-5,343 to -5,109	-51.7% to -49.4%	4,336 to 4,570	663.0% to 698.8%	-6,331 to -6,097	-55.9% to -53.9%		
3Q	10,768	11,263	1,963	-8,805	-81.8%	-9,300	-82.6%	11,741	7,398	7,193	6,350	6,013	9,064	-4,755 to -3,370	-44.2% to -31.3%	4,050 to 5,436	206.4% to 276.9%	-5,728 to -4,343	-48.8% to -37.0%		
4Q	10,595	10,740	4,145	-6,450	-60.9%	-6,594	-61.4%	11,193	8,111	7,055	7,111	6,238	9,092	-4,357 to -2,484	-41.1% to -23.4%	2,093 to 3,966	50.5% to 95.7%	-4,955 to -3,082	-44.3% to -27.5%		
Total	42,611	44,045	16,355	-26,256	-61.6%	-27,691	-62.9%	45,547	25,277	24,016	23,052	21,779	28,853	-20,832 to -17,333	-48.9% to -40.7%	5,424 to 8,923	33.2% to 54.6%	-23,768 to -20,269	-52.2% to -44.5%		



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

Year	2019					2020					2021									
	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				
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	f	g	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	-1,596	-72.5%	-1,571	-72.2%	-1,547	-71.9%		
February	1,921	1,947	1,929	9	0.5%	-17	-0.9%	1,944	456	456	456	456	-1,464	-76.2%	-1,473	-76.4%	-1,488	-76.5%		
March	2,167	2,127	1,208	-959	-44.3%	-919	-43.2%	2,092	551	551	549	547	-1,619	-74.7%	-660	-54.7%	-1,545	-73.8%		
April	1,970	2,040	52	-1,918	-97.3%	-1,988	-97.4%	2,092	612	612	601	596	656	-1,374	-68.9%	544	1039.9%	-1,495	-70.7%	
May	1,911	1,996	59	-1,853	-96.9%	-1,938	-97.1%	2,063	696	696	664	651	867	-1,261	-63.6%	592	1009.4%	-1,412	-66.3%	
June	1,962	2,043	104	-1,858	-94.7%	-1,939	-94.9%	2,098	819	819	749	724	1,216	-1,238	-58.2%	619	593.6%	-1,374	-65.5%	
July	2,156	2,234	190	-1,965	-91.2%	-2,044	-91.5%	2,297	1,122	1,122	947	890	1,634	-1,266	-48.0%	699	367.5%	-1,408	-51.2%	
August	2,057	2,154	227	-1,830	-89.0%	-1,927	-89.5%	2,235	1,226	1,226	979	906	1,621	-1,150	-40.4%	680	299.8%	-1,329	-45.1%	
September	1,720	1,815	196	-1,524	-88.6%	-1,618	-89.2%	1,876	1,106	983	852	748	1,363	-972	-35.7%	552	281.0%	-1,128	-41.0%	
October	1,754	1,753	292	-1,462	-83.3%	-1,460	-83.3%	1,819	1,129	940	896	757	1,407	-997	-35.6%	464	158.8%	-1,062	-37.9%	
November	1,855	1,825	406	-1,449	-78.1%	-1,419	-77.8%	1,905	1,248	1,027	1,040	848	1,517	-1,006	-32.7%	442	109.0%	-1,057	-34.5%	
December	2,145	2,129	621	-1,524	-71.0%	-1,508	-70.8%	2,228	1,494	1,241	1,310	1,055	1,706	-1,090	-30.4%	434	87.9%	-1,173	-33.0%	
1Q	6,288	6,231	5,313	-976	-15.5%	-918	-14.7%	6,188	1,612	1,612	1,610	1,608	1,631	-4,680	-74.4%	-3,704	-59.7%	-4,579	-73.9%	
2Q	5,844	6,080	215	-5,628	-96.3%	-5,864	-96.5%	6,252	2,127	2,127	2,014	1,971	2,739	-3,873	-63.6%	1,755	815.3%	-4,281	-66.0%	
3Q	5,932	6,202	613	-5,319	-89.7%	-5,589	-90.1%	6,409	3,454	3,330	2,777	2,544	4,617	-3,388	-41.8%	1,931	314.8%	-3,865	-46.1%	
4Q	5,754	5,707	1,319	-4,434	-77.1%	-4,387	-76.9%	5,951	3,871	3,208	3,246	2,660	4,630	-3,093	-32.7%	1,341	205.6%	-3,291	-35.0%	
Total	23,818	24,220	7,461	-16,358	-68.7%	-16,759	-69.2%	24,800	11,065	10,278	9,647	8,784	13,617	-15,035	-53.5%	1,323	3,604	17.7%	-16,016	-55.4%

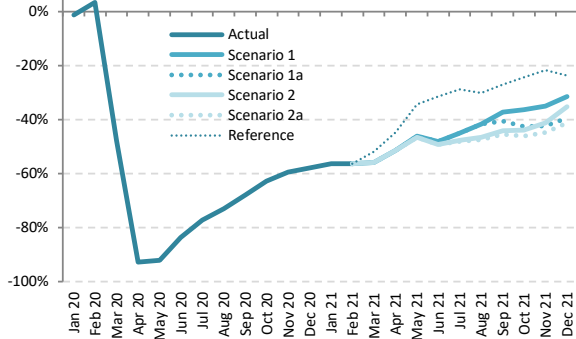
Passenger revenue (USD, million) - Latin America/Caribbean Domestic

Year	2019					2020					2021									
	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				
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	f	g	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	1,114	1,114	1,114	1,114	1,114	-551	-33.1%	-651	-36.9%	-678	-37.8%	
February	1,440	1,536	1,527	87	6.1%	-9	-0.6%	1,579	866	866	866	866	866	-574	-39.9%	-661	-43.3%	-713	-45.2%	
March	1,522	1,640	988	-533	-35.0%	-652	-39.7%	1,734	952	952	951	950	927	-571	-37.6%	-38	-3.6%	-784	-45.1%	
April	1,474	1,569	102	-1,372	-93.1%	-1,467	-93.5%	1,653	956	956	950	948	953	-527	-35.2%	846	829.9%	-705	-47.2%	
May	1,528	1,634	125	-1,403	-91.8%	-1,509	-92.3%	1,682	1,020	1,020	1,005	1,000	1,186	-528	-33.2%	875	895.6%	-682	-39.3%	
June	1,487	1,623	212	-1,276	-85.8%	-1,411	-87.0%	1,733	1,121	1,121	1,082	1,072	1,282	-416	-24.6%	860	406.6%	-662	-35.3%	
July	1,719	1,804	338	-1,381	-80.3%	-1,466	-81.2%	1,900	1,334	1,334	1,242	1,221	1,531	-498	-22.4%	883	996.7%	-679	-29.8%	
August	1,607	1,673	430	-1,177	-73.2%	-1,243	-74.3%	1,755	1,307	1,307	1,179	1,151	1,493	-456	-18.7%	721	167.6%	-604	-25.5%	
September	1,509	1,583	581	-928	-61.5%	-1,002	-63.3%	1,677	1,303	1,221	1,151	1,097	1,422	-412	-13.7%	516	722.8%	-580	-37.5%	
October	1,610	1,684	794	-816	-50.7%	-890	-52.8%	1,764	1,409	1,280	1,254	1,180	1,497	-430	-12.5%	386	615.4%	-584	-20.1%	
November	1,551	1,611	941	-610	-39.3%	-670	-41.6%	1,682	1,362	1,233	1,236	1,146	1,441	-405	-12.2%	205	422.2%	-536	-19.0%	
December	1,681	1,737	1,091	-590	-35.1%	-647	-37.2%	1,796	1,469	1,333	1,374	1,252	1,524	-429	-12.6%	161	378.1%	-544	-18.3%	
1Q	4,626	4,908	4,280	-346	-7.5%	-627	-12.8%	5,104	2,932	2,932	2,931	2,930	2,907	-1,696	-36.6%	-1,350	-31.5%	-2,175	-42.6%	
2Q	4,490	4,825	439	-4,051	-90.2%	-4,387	-90.9%	5,068	3,097	3,097	3,038	3,019	3,420	-1,471	-31.0%	2,581	2,658	-2,049	-38.9%	
3Q	4,835	5,060	1,349	-3,486	-72.1%	-3,711	-73.3%	5,332	3,944	3,863	3,572	3,468	4,446	-1,367	-18.4%	2,119	2,595	-1,863	-26.0%	
4Q	4,842	5,033	2,826	-2,016	-41.6%	-2,207	-43.9%	5,242	4,240	3,847	3,865	3,578	4,462	-1,264	-12.4%	752	1,414	-1,664	-19.1%	
Total	18,792	19,826	8,894	-9,899	-52.7%	-10,932	-55.1%	20,746	14,213	13,738	13,405	12,995	15,236	-5,797	-24.4%	4,101	5,319	46.1%	-7,751	-37.4%

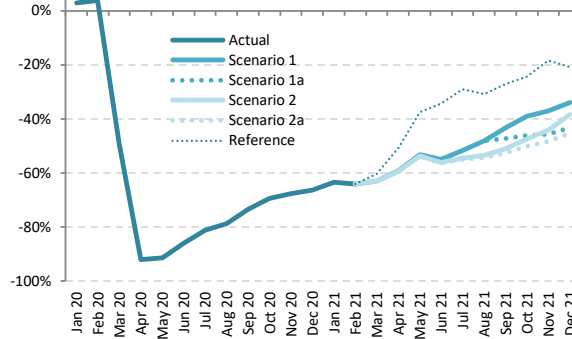
Middle East

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	-56.2% to -56.2%	-63.5% to -63.5%	-31.1% to -31.1%	-33,578 to -33,534	-75.7% to -75.6%	-27,924 to -27,903	-81.0% to -80.9%	-5,653 to -5,631	-57.2% to -57.0%	-5,649 to -5,643	-5,115 to -5,111	-534 to -532
2Q 2021	-49.1% to -48.5%	-56.5% to -55.9%	-23.1% to -22.8%	-31,654 to -30,428	-69.1% to -66.4%	-26,817 to -26,020	-75.2% to -73.0%	-4,836 to -4,408	-47.7% to -43.5%	-5,377 to -5,188	-4,920 to -4,772	-457 to -417
3Q 2021	-47.0% to -41.4%	-53.9% to -47.8%	-20.7% to -17.4%	-32,211 to -25,794	-62.6% to -50.2%	-27,969 to -23,004	-68.5% to -56.4%	-4,242 to -2,790	-40.0% to -26.3%	-5,520 to -4,460	-5,119 to -4,196	-401 to -264
4Q 2021	-44.1% to -34.3%	-47.9% to -36.6%	-29.7% to -25.6%	-27,100 to -18,738	-59.8% to -41.3%	-22,816 to -15,831	-63.4% to -44.0%	-4,284 to -2,907	-45.7% to -31.0%	-4,587 to -3,161	-4,183 to -2,886	-405 to -275
Total 2021	-49.1% to -45.0%	-55.4% to -50.8%	-26.1% to -24.2%	-124,542 to -108,494	-66.6% to -58.0%	-105,526 to -92,758	-71.8% to -63.1%	-19,016 to -15,736	-47.5% to -39.3%	-21,134 to -18,452	-19,337 to -16,965	-1,797 to -1,487

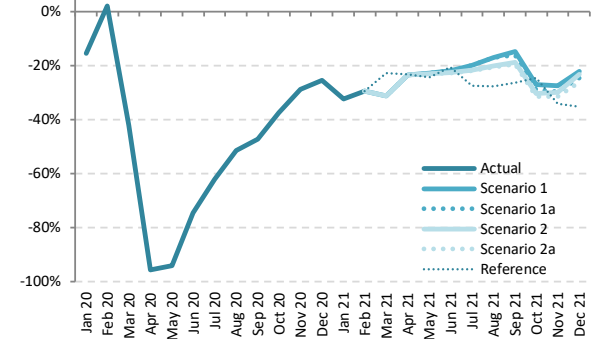
Middle East (Total)



Middle East (International)



Middle East (Domestic)



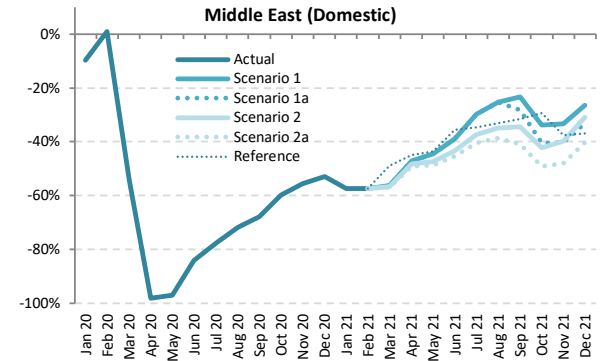
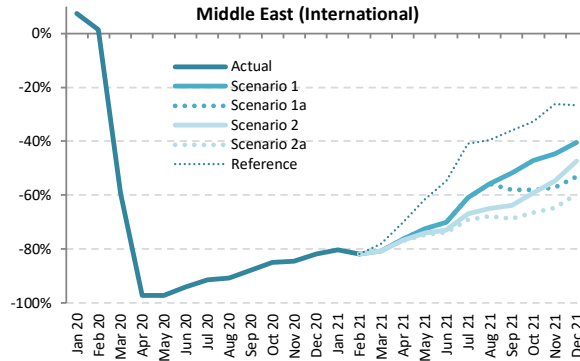
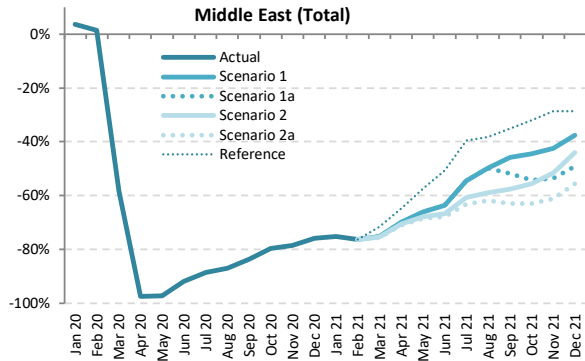
Seat Capacity (thousand) - Middle East International + Domestic

Year	2019							2020							2021						
	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			
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	e	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	9,085	9,085	9,085	9,085	9,921	-11,553 to -11,553	-56.0% to -56.0%	-1,712 to -1,712	-15.9% to -15.9%	-11,408 to -11,408	-55.7% to -55.7%		
April	19,673	20,513	1,416	-18,257	-92.8%	-19,097	-93.1%	20,667	9,559	9,559	9,547	9,546	10,868	-10,127 to -10,114	-51.5% to -51.4%	8,130 to 8,143	574.1% to 575.0%	-11,122 to -11,231	-53.8% to -53.7%		
May	19,505	21,155	1,561	-17,944	-92.0%	-19,594	-92.6%	21,735	10,504	10,504	10,425	10,416	12,790	-9,089 to -9,001	-46.6% to -46.1%	8,855 to 8,943	567.2% to 572.9%	-11,320 to -11,231	-52.1% to -51.7%		
June	20,736	21,286	3,388	-17,349	-83.7%	-17,898	-84.1%	21,437	10,774	10,774	10,548	10,519	14,194	-10,217 to -9,963	-49.3% to -48.0%	7,131 to 7,386	210.5% to 218.0%	-10,918 to -10,664	-50.9% to -49.7%		
July	21,924	22,458	5,015	-16,910	-77.1%	-17,444	-77.7%	22,631	12,047	12,047	11,473	11,396	15,619	-10,528 to -9,877	-48.0% to -45.1%	6,382 to 7,032	127.3% to 140.2%	-11,234 to -10,583	-49.6% to -46.8%		
August	22,639	22,971	6,095	-16,544	-73.1%	-16,877	-73.5%	23,133	13,187	13,187	12,070	11,915	15,814	-10,724 to -9,452	-47.4% to -41.8%	5,820 to 7,092	95.5% to 116.4%	-11,218 to -9,947	-48.5% to -43.0%		
September	20,534	20,934	6,585	-13,949	-67.9%	-14,349	-68.5%	21,093	12,891	12,182	11,460	11,200	14,997	-9,334 to -7,643	-45.5% to -37.2%	4,614 to 6,306	70.1% to 95.8%	-9,893 to -8,201	-46.9% to -38.9%		
October	20,470	20,469	7,642	-12,828	-62.7%	-12,826	-62.7%	20,631	13,019	11,775	11,490	11,032	15,477	-9,438 to -7,451	-46.1% to -36.4%	3,390 to 5,377	44.4% to 70.4%	-9,599 to -7,612	-46.5% to -36.9%		
November	19,516	19,342	7,897	-11,619	-59.5%	-11,445	-59.2%	19,593	12,666	11,255	11,481	10,753	15,283	-8,764 to -6,850	-44.9% to -35.1%	2,856 to 4,769	36.2% to 60.4%	-8,841 to -6,927	-45.1% to -35.4%		
December	20,828	21,169	8,759	-12,069	-57.9%	-12,410	-58.6%	21,496	14,255	12,601	13,472	12,223	15,874	-8,605 to -6,573	-41.3% to -31.6%	3,464 to 5,496	39.5% to 62.7%	-9,273 to -7,241	-43.1% to -33.7%		
1Q	60,252	61,852	50,744	-9,508	-15.8%	-11,108	-18.0%	61,085	26,368	26,368	26,368	26,368	27,205	-33,884 to -33,884	-56.2% to -56.2%	-24,376 to -24,376	-48.0% to -48.0%	-34,717 to -34,717	-56.8% to -56.8%		
2Q	59,914	62,954	6,365	-53,549	-89.4%	-56,589	-89.9%	63,840	30,836	30,836	30,519	30,481	37,852	-29,434 to -29,078	-49.1% to -48.5%	24,116 to 24,472	378.9% to 384.5%	-33,360 to -33,004	-52.3% to -51.7%		
3Q	65,097	66,364	17,694	-47,402	-72.8%	-48,669	-73.3%	66,856	38,125	37,416	35,003	34,511	46,430	-30,586 to -26,972	-47.0% to -41.4%	16,817 to 20,430	95.0% to 115.5%	-32,345 to -28,731	-48.4% to -43.0%		
4Q	60,814	60,979	24,298	-36,516	-60.0%	-36,681	-60.2%	61,721	39,940	35,631	36,443	34,008	46,633	-26,806 to -20,873	-44.1% to -34.3%	9,710 to 15,642	40.0% to 64.4%	-27,713 to -21,780	-44.9% to -35.3%		
Total	246,077	252,149	99,102	-146,975	-59.7%	-153,047	-60.7%	253,520	135,270	130,251	128,334	125,367	158,120	-120,710 to -110,808	-49.1% to -45.0%	26,266 to 36,168	26.5% to 36.5%	-128,135 to -118,233	-50.5% to -46.6%		



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
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	5,928	5,928	5,928	5,928	6,376	-10,118 to -10,118	-63.1% to -63.1%	-2,214 to -2,214	-27.2% to -27.2%	-10,578 to -10,578	-64.1% to -64.1%
April	15,327	16,198	1,227	-14,100	-92.0%	-14,971	-92.4%	16,490	6,236	6,236	6,225	6,223	7,530	-9,103 to -9,091	-59.4% to -59.3%	4,997 to 5,009	407.3% to 408.3%	-10,267 to -10,254	-62.3% to -62.2%
May	14,928	16,610	1,292	-13,635	-91.3%	-15,318	-92.2%	17,361	6,974	6,974	6,903	6,895	9,329	-8,033 to -7,954	-53.8% to -53.3%	5,602 to 5,682	433.5% to 439.6%	-10,466 to -10,387	-60.3% to -59.8%
June	16,376	16,956	2,281	-14,095	-86.1%	-14,675	-86.5%	17,311	7,374	7,374	7,178	7,153	10,730	-9,222 to -9,001	-56.3% to -55.0%	4,873 to 5,093	213.6% to 223.3%	-10,158 to -9,937	-58.7% to -57.4%
July	17,335	17,901	3,280	-14,054	-81.1%	-14,621	-81.7%	18,289	8,374	8,374	7,879	7,813	12,290	-9,522 to -8,960	-54.9% to -51.7%	4,533 to 5,094	138.2% to 155.3%	-10,476 to -9,915	-57.3% to -54.2%
August	18,009	18,374	3,845	-14,164	-78.6%	-14,529	-79.1%	18,727	9,348	9,348	8,377	8,243	12,471	-9,766 to -8,661	-54.2% to -48.1%	4,397 to 5,503	114.4% to 143.1%	-10,484 to -9,379	-56.0% to -50.1%
September	16,148	16,579	4,276	-11,872	-73.5%	-12,303	-74.2%	16,895	9,159	8,506	7,897	7,671	11,765	-8,477 to -6,989	-52.5% to -43.3%	3,395 to 4,883	79.4% to 114.2%	-9,225 to -7,737	-54.6% to -45.8%
October	16,072	16,533	4,897	-11,175	-69.5%	-11,636	-70.4%	17,085	9,814	8,657	8,431	8,021	12,158	-8,051 to -6,258	-50.1% to -38.9%	3,124 to 4,916	63.8% to 100.4%	-9,063 to -7,271	-53.0% to -42.6%
November	15,440	15,714	4,998	-10,441	-67.6%	-10,716	-68.2%	16,342	9,709	8,387	8,628	7,962	12,596	-7,478 to -5,730	-48.4% to -37.1%	2,963 to 4,711	59.3% to 94.3%	-8,381 to -6,633	-51.3% to -40.6%
December	16,544	17,231	5,564	-10,980	-66.4%	-11,667	-67.7%	17,850	10,921	9,372	10,185	9,056	13,097	-7,488 to -5,623	-45.3% to -34.0%	3,492 to 5,357	62.8% to 96.3%	-8,794 to -6,929	-49.3% to -38.8%
1Q	46,732	49,127	39,813	-6,919	-14.8%	-9,314	-19.0%	49,038	17,054	17,054	17,054	17,054	17,502	-29,678 to -29,678	-63.5% to -63.5%	-22,759 to -22,759	-57.2% to -57.2%	-31,984 to -31,984	-65.2% to -65.2%
2Q	46,630	49,764	4,800	-41,830	-89.7%	-44,964	-90.4%	51,162	20,584	20,584	20,305	20,272	27,589	-26,359 to -26,046	-56.5% to -55.9%	15,472 to 15,784	322.3% to 328.8%	-30,891 to -30,578	-60.4% to -59.8%
3Q	51,491	52,854	11,402	-40,900	-77.9%	-41,453	-78.4%	53,911	26,881	26,228	24,153	23,726	36,527	-27,765 to -24,611	-53.9% to -47.8%	12,325 to 15,479	108.1% to 135.8%	-30,185 to -27,031	-56.0% to -50.1%
4Q	48,055	49,478	15,459	-32,596	-67.8%	-34,019	-68.8%	51,277	30,444	26,416	27,243	25,039	37,851	-23,016 to -17,611	-47.9% to -36.6%	9,580 to 14,985	62.0% to 96.9%	-26,238 to -20,833	-51.2% to -40.6%
Total	192,909	201,223	71,474	-121,435	-62.9%	-129,749	-64.5%	205,389	94,963	90,282	88,755	86,091	119,469	-106,818 to -97,946	-55.4% to -50.8%	14,617 to 23,489	20.5% to 32.9%	-119,298 to -110,425	-58.1% to -53.8%

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
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	3,156	3,156	3,156	3,156	3,545	-1,435 to -1,435	-31.2% to -31.2%	502 to 502	18.9% to 18.9%	-831 to -831	-20.8% to -20.8%
April	4,346	4,316	189	-4,157	-95.6%	-4,126	-95.6%	4,178	3,323	3,323	3,323	3,322	3,338	-1,024 to -1,023	-23.6% to -23.5%	3,133 to 3,134	1654.5% to 1654.8%	-855 to -854	-20.5% to -20.5%
May	4,577	4,435	269	-4,308	-94.1%	-4,276	-94.1%	4,374	3,530	3,530	3,522	3,521	3,461	-1,056 to -1,047	-23.1% to -22.9%	3,252 to 3,261	1210.6% to 1213.9%	-853 to -844	-19.5% to -19.3%
June	4,361	4,330	1,107	-3,254	-74.6%	-3,223	-74.4%	4,126	3,399	3,399	3,370	3,366	3,464	-995 to -961	-22.8% to -22.0%	2,259 to 2,293	204.1% to 207.1%	-761 to -727	-18.4% to -17.6%
July	4,590	4,557	1,734	-2,855	-62.2%	-2,823	-61.9%	4,341	3,673	3,673	3,594	3,583	3,329	-1,006 to -917	-21.9% to -20.0%	1,849 to 1,939	106.6% to 111.8%	-758 to -668	-17.5% to -15.4%
August	4,630	4,597	2,249	-2,381	-51.4%	-2,348	-51.1%	4,406	3,839	3,839	3,693	3,672	3,343	-958 to -791	-20.7% to -17.1%	1,423 to 1,589	63.3% to 70.7%	-734 to -568	-16.7% to -12.9%
September	4,386	4,355	2,309	-2,077	-47.4%	-2,046	-47.0%	4,197	3,733	3,676	3,563	3,529	3,332	-857 to -653	-19.5% to -14.9%	1,220 to 1,423	52.8% to 61.6%	-668 to -465	-15.9% to -11.1%
October	4,398	4,395	2,745	-1,653	-37.6%	-1,190	-30.2%	3,546	3,205	3,118	3,059	3,011	3,239	-1,387 to -1,193	-31.5% to -27.1%	266 to 460	9.7% to 16.8%	-536 to -341	-15.1% to -9.6%
November	4,076	3,628	2,898	-1,178	-28.9%	-729	-20.1%	3,251	2,957	2,868	2,853	2,791	2,687	-1,285 to -1,120	-31.5% to -27.5%	-107 to 58	-0.7% to 2.0%	-460 to -294	-14.2% to -9.1%
December	4,284	3,938	3,195	-1,089	-25.4%	-743	-18.9%	3,646	3,334	3,229	3,288	3,167	2,777	-1,117 to -950	-26.1% to -22.2%	-28 to 139	-0.9% to 4.3%	-479 to -312	-13.1% to -8.6%
1Q	13,520	12,725	10,931	-2,589	-19.1%	-1,794	-14.1%	12,047	9,314	9,314	9,314	9,314	9,703	-4,206 to -4,206	-31.1% to -31.1%	-1,617 to -1,617	-14.8% to -14.8%	-2,733 to -2,733	-22.7% to -22.7%
2Q	13,284	13,190	1,565	-11,719	-88.2%	-11,625	-88.1%	12,678	10,252	10,252	10,214	10,209	10,263	-3,075 to -3,032	-23.1% to -22.8%	8,644 to 8,687	552.4% to 555.1%	-2,469 to -2,426	-19.5% to -19.1%
3Q	13,606	13,510	6,293	-7,313	-53.7%	-7,217	-53.4%	12,945	11,244	11,187	10,851	10,785	9,904	-2,821 to -2,361	-20.7% to -17.4%	4,492 to 4,551	71.4% to 78.7%	-2,160 to -1,701	-16.7% to -13.1%
4Q	12,758	11,501	8,839	-3,920	-30.7%	-2,662	-23.1%	10,444	9,496	9,215	9,200	8,969	8,782	-3,790 to -3,262	-29.7% to -25.6%	130 to 657	1.5% to 7.4%	-1,475 to -948	-14.1% to -9.1%
Total	53,168	50,926	27,628	-25,540	-48.0%	-23,298	-45.7%	48,113	40,306	39,968	39,579	39,276	38,651	-13,892 to -12,862	-26.1% to -24.2%	11,649 to 12,679	42.2% to 45.9%	-8,837 to -7,807	-18.4% to -16.2%



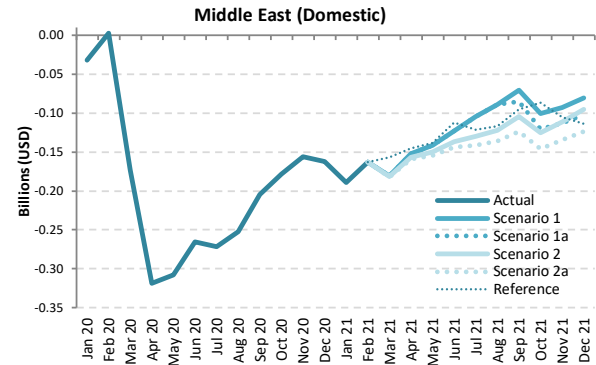
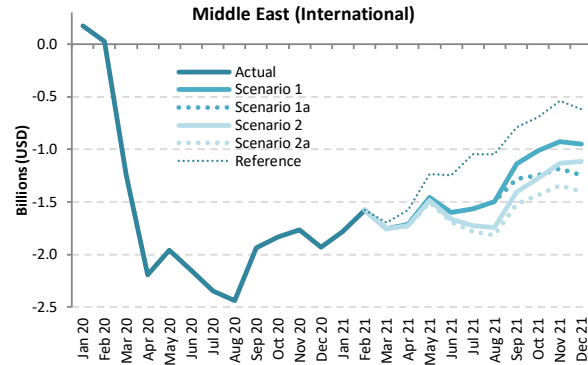
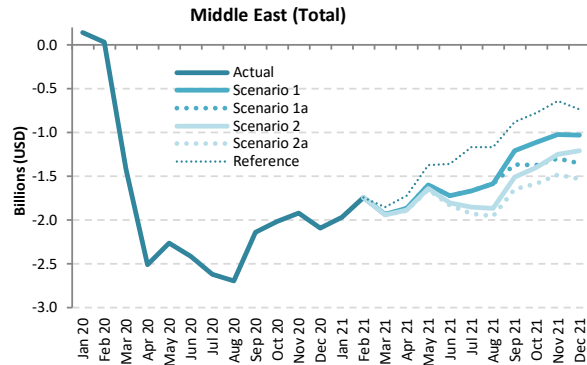
Passenger Number (thousand) - Middle East International + Domestic

Year	2019							2020							2021						
	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			
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	e	e	e	e	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	3,862	3,862	3,862	3,862	3,862	-11,718	-75.2%	-12,279	-76.1%	-12,017	-75.7%		
February	13,560	14,262	13,747	187	1.4%	-515	-3.6%	14,187	3,208	3,208	3,208	3,208	3,208	-10,352	-76.3%	-10,539	-76.7%	-10,979	-77.4%		
March	15,238	15,543	6,364	-8,875	-58.2%	-9,180	-59.1%	15,234	3,774	3,774	3,745	3,730	4,324	-11,508 to -11,465	-75.5% to -75.2%	-2,634 to -2,590	-41.4% to -40.7%	-11,504 to -11,460	-75.5% to -75.2%		
April	15,717	16,444	398	-15,319	-97.5%	-16,046	-97.6%	16,624	4,732	4,732	4,631	4,581	5,558	-11,136 to -10,985	-70.9% to -69.9%	4,183 to 4,334	1051.3% to 1089.2%	-12,043 to -11,892	-72.4% to -71.5%		
May	14,250	15,506	404	-13,846	-97.2%	-15,102	-97.4%	15,984	4,854	4,854	4,597	4,479	6,079	-9,771 to -9,397	-68.6% to -65.9%	4,075 to 4,504	1008.6% to 1101.4%	-11,505 to -11,131	-72.0% to -69.6%		
June	15,824	16,293	1,277	-14,547	-91.9%	-15,016	-92.2%	16,646	5,778	5,778	5,285	5,078	7,794	-10,746 to -10,047	-67.9% to -63.5%	3,801 to 4,501	297.6% to 352.4%	-11,386 to -10,686	-69.2% to -64.9%		
July	17,697	18,188	2,033	-15,664	-88.5%	-16,155	-88.8%	18,389	8,070	8,070	6,939	6,509	10,692	-11,189 to -9,628	-63.2% to -54.4%	4,476 to 6,037	220.2% to 297.0%	-11,880 to -10,319	-64.6% to -56.1%		
August	18,438	18,772	2,397	-16,041	-87.0%	-16,376	-87.2%	18,970	9,266	9,266	7,586	7,032	11,385	-11,406 to -9,173	-61.9% to -49.7%	4,636 to 6,869	193.4% to 286.6%	-11,938 to -9,705	-62.9% to -51.2%		
September	15,282	15,628	2,510	-12,771	-83.6%	-13,118	-83.9%	15,802	8,288	7,362	6,478	5,665	9,914	-9,617 to -6,993	-62.9% to -45.8%	3,155 to 5,778	125.7% to 230.2%	-10,137 to -7,513	-64.1% to -47.5%		
October	14,973	15,032	3,046	-11,927	-79.7%	-11,986	-79.7%	15,211	8,330	6,844	6,645	5,557	10,198	-9,416 to -6,643	-62.9% to -44.4%	2,510 to 5,284	82.4% to 173.5%	-9,655 to -6,881	-63.5% to -45.2%		
November	14,307	14,235	3,076	-11,231	-78.5%	-11,160	-78.4%	14,473	8,242	6,647	6,922	5,557	10,222	-8,750 to -6,065	-61.2% to -42.4%	2,481 to 5,166	80.7% to 168.0%	-8,916 to -6,231	-61.6% to -43.1%		
December	16,051	16,376	3,862	-12,190	-75.9%	-12,515	-76.4%	16,835	10,021	8,176	8,977	7,118	11,451	-8,933 to -6,030	-55.7% to -37.6%	3,256 to 6,160	84.3% to 159.5%	-9,717 to -6,814	-57.7% to -40.5%		
1Q	44,378	45,712	36,251	-8,127	-18.3%	-9,461	-20.7%	45,300	10,844	10,844	10,815	10,800	11,394	-33,578 to -33,534	-75.7% to -75.6%	-25,451 to -25,407	-70.2% to -70.1%	-34,500 to -34,457	-76.2% to -76.1%		
2Q	45,791	48,243	2,079	-43,712	-95.5%	-46,164	-95.7%	49,072	15,364	15,364	14,513	14,138	19,431	-31,654 to -30,428	-69.1% to -66.4%	12,059 to 13,285	580.0% to 639.0%	-34,934 to -33,709	-71.2% to -68.7%		
3Q	51,417	52,589	6,940	-44,477	-86.5%	-45,649	-86.8%	53,161	25,623	24,697	21,003	19,206	31,991	-32,211 to -25,794	-62.6% to -50.2%	12,266 to 18,684	176.8% to 269.2%	-33,955 to -27,538	-63.9% to -51.8%		
4Q	45,331	45,644	9,984	-35,348	-78.0%	-35,660	-78.1%	46,519	26,594	21,667	22,544	18,232	31,872	-27,100 to -18,738	-59.8% to -41.3%	8,248 to 16,610	82.6% to 166.4%	-28,287 to -19,925	-60.8% to -42.8%		
Total	186,918	192,188	55,253	-131,664	-70.4%	-136,935	-71.3%	194,052	78,424	72,572	68,875	62,376	94,688	-124,542 to -108,494	-66.6% to -58.0%	7,122 to 23,171	12.9% to 41.9%	-131,677 to -115,628	-67.9% to -59.6%		



Passenger Number (thousand) - Middle East International																				
Year	2019		2020					2021					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	2,372	2,372	2,372	2,372	2,372	2,372	-9,719	-80.4%	-10,623	-81.7%	-10,352	-81.4%
February	10,554	11,354	10,711	157	1.5%	-643	-5.7%	11,453	1,925	1,925	1,925	1,925	1,925	1,925	-8,629	-81.8%	-8,786	-82.0%	-9,528	-83.2%
March	11,849	12,389	4,806	-7,043	-59.4%	-7,583	-61.2%	12,278	2,294	2,294	2,280	2,273	2,292	2,292	-9,577 to -9,555	-80.8% to -80.6%	-2,534 to -2,512	-52.7% to -52.3%	-10,005 to -9,984	-81.5% to -81.3%
April	12,285	13,028	335	-11,950	-97.3%	-12,693	-97.4%	13,310	2,914	2,914	2,858	2,832	3,666	3,666	-9,454 to -9,371	-77.0% to -76.3%	2,497 to 2,579	745.3% to 770.0%	-10,479 to -10,396	-78.7% to -78.1%
May	10,893	12,165	303	-11,590	-97.2%	-11,862	-97.5%	12,762	2,993	2,993	2,830	2,759	4,186	4,186	-8,135 to -7,900	-74.7% to -72.5%	2,456 to 2,690	810.0% to 887.2%	-10,003 to -9,769	-78.4% to -76.5%
June	12,483	12,968	744	-11,739	-94.0%	-12,224	-94.3%	13,288	3,735	3,735	3,391	3,254	5,643	5,643	-9,229 to -8,749	-73.9% to -70.1%	2,510 to 2,990	337.4% to 401.9%	-10,034 to -9,554	-75.5% to -71.9%
July	13,998	14,506	1,207	-12,791	-91.4%	-13,300	-91.7%	14,874	5,475	5,475	4,618	4,307	8,274	8,274	-9,691 to -8,523	-69.2% to -60.9%	3,100 to 4,268	256.9% to 353.6%	-10,568 to -9,400	-71.0% to -63.2%
August	14,721	15,073	1,351	-13,370	-90.8%	-13,722	-91.0%	15,417	6,490	6,490	5,164	4,751	8,902	8,902	-9,970 to -8,231	-67.7% to -55.9%	3,400 to 5,139	251.7% to 380.3%	-10,666 to -8,927	-69.2% to -57.9%
September	12,085	12,447	1,480	-10,605	-87.8%	-10,967	-88.1%	12,728	5,836	5,067	4,386	3,777	7,726	7,726	-8,307 to -6,249	-68.7% to -51.7%	2,298 to 4,356	155.3% to 294.4%	-8,951 to -6,893	-70.3% to -54.2%
October	11,819	12,204	1,782	-10,037	-84.9%	-10,422	-85.4%	12,657	6,239	4,964	4,820	3,953	7,967	7,967	-7,867 to -5,580	-66.6% to -47.2%	2,171 to 4,457	121.8% to 250.1%	-8,704 to -6,418	-68.8% to -50.7%
November	11,340	11,589	1,756	-9,584	-84.5%	-9,833	-84.8%	12,096	6,263	4,872	5,138	4,014	8,370	8,370	-7,326 to -5,077	-64.6% to -44.8%	2,258 to 4,506	128.5% to 256.5%	-8,081 to -5,833	-66.8% to -48.2%
December	12,800	13,381	2,328	-10,473	-81.8%	-11,053	-82.6%	14,012	7,627	6,005	6,730	5,177	9,403	9,403	-7,623 to -5,173	-59.6% to -40.4%	2,849 to 5,299	122.4% to 227.7%	-8,835 to -6,385	-63.1% to -45.6%
1Q	34,494	36,390	28,512	-5,982	-17.3%	-7,878	-21.6%	36,455	6,591	6,591	6,577	6,570	6,889	6,889	-27,924 to -27,903	-81.0% to -80.9%	-21,942 to -21,921	-77.0% to -76.9%	-29,885 to -29,864	-82.0% to -81.9%
2Q	35,662	38,161	1,382	-34,279	-96.1%	-36,779	-96.4%	39,360	9,642	9,642	9,079	8,844	13,495	13,495	-26,817 to -26,020	-75.2% to -73.0%	7,462 to 8,260	539.9% to 597.6%	-30,516 to -29,719	-77.5% to -75.5%
3Q	40,804	42,026	4,037	-36,766	-90.1%	-37,989	-90.4%	43,019	17,800	17,031	14,168	12,835	24,902	24,902	-27,969 to -23,004	-68.5% to -56.4%	8,798 to 13,763	217.9% to 340.9%	-30,184 to -25,219	-70.0% to -58.6%
4Q	35,960	37,174	5,866	-30,093	-83.7%	-31,307	-84.2%	38,765	20,129	15,840	16,688	13,144	25,739	25,739	-22,816 to -15,831	-63.4% to -44.0%	7,278 to 14,263	124.1% to 243.1%	-25,621 to -18,636	-66.1% to -48.1%
Total	146,919	153,751	39,798	-107,121	-72.9%	-113,953	-74.1%	157,599	54,162	49,105	46,512	41,393	71,026	71,026	-105,526 to -92,758	-71.8% to -63.1%	1,595 to 14,364	4.0% to 36.1%	-116,206 to -103,438	-73.7% to -65.6%

Passenger Number (thousand) - Middle East Domestic																				
Year	2019		2020					2021					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	1,490	1,490	1,490	1,490	1,490	1,490	-1,999	-57.3%	-1,656	-52.6%	-1,665	-52.8%
February	3,006	2,907	3,036	30	1.0%	128	4.4%	2,734	1,283	1,283	1,283	1,283	1,283	1,283	-1,723	-57.3%	-1,753	-57.7%	-1,451	-53.1%
March	3,389	3,154	1,557	-1,831	-54.0%	-1,597	-50.6%	2,956	1,480	1,480	1,468	1,458	1,732	1,732	-1,931 to -1,909	-57.0% to -56.3%	-100 to -78	-6.4% to -5.0%	-1,499 to -1,477	-50.7% to -49.9%
April	3,432	3,416	63	-3,369	-98.2%	-3,353	-98.2%	3,314	1,818	1,818	1,773	1,750	1,892	1,892	-1,682 to -1,614	-49.0% to -47.0%	1,687 to 1,755	2680.0% to 2788.6%	-1,564 to -1,496	-47.2% to -45.1%
May	3,357	3,341	101	-3,256	-97.0%	-3,240	-97.0%	3,223	1,861	1,861	1,760	1,720	1,893	1,893	-1,637 to -1,496	-48.8% to -44.6%	1,619 to 1,760	1605.7% to 1745.1%	-1,502 to -1,362	-46.6% to -42.3%
June	3,341	3,325	533	-2,808	-84.0%	-2,792	-84.0%	3,176	2,043	2,043	1,894	1,824	2,151	2,151	-1,517 to -1,298	-45.4% to -38.9%	1,291 to 1,510	242.1% to 283.3%	-1,352 to -1,133	-42.6% to -35.7%
July	3,699	3,682	826	-2,873	-77.7%	-2,856	-77.6%	3,515	2,595	2,595	2,321	2,202	2,418	2,418	-1,497 to -1,104	-40.5% to -29.9%	1,376 to 1,769	166.6% to 214.2%	-1,313 to -920	-37.3% to -26.2%
August	3,717	3,700	1,046	-2,671	-71.9%	-2,654	-71.7%	3,554	2,776	2,776	2,422	2,281	2,484	2,484	-1,436 to -941	-38.6% to -25.3%	1,236 to 1,730	118.2% to 165.5%	-1,272 to -778	-35.8% to -21.9%
September	3,197	3,182	1,030	-2,166	-67.8%	-2,151	-67.6%	3,073	2,453	2,295	2,092	1,888	2,188	2,188	-1,309 to -744	-41.0% to -23.3%	857 to 1,422	83.2% to 138.0%	-1,185 to -621	-38.6% to -20.2%
October	3,154	2,829	1,264	-1,889	-59.9%	-1,564	-55.3%	2,555	2,091	1,880	1,825	1,604	2,231	2,231	-1,550 to -1,062	-49.1% to -33.7%	340 to 827	26.9% to 65.4%	-950 to -463	-37.2% to -18.1%
November	2,967	2,646	1,319	-1,648	-55.5%	-1,327	-50.2%	2,377	1,980	1,776	1,784	1,543	1,852	1,852	-1,424 to -987	-48.0% to -33.3%	223 to 660	16.9% to 50.1%	-834 to -397	-35.1% to -16.7%
December	3,251	2,996	1,534	-1,717	-52.8%	-1,462	-48.8%	2,823	2,394	2,172	2,247	1,941	2,049	2,049	-1,310 to -857	-40.0% to -26.4%	407 to 860	26.5% to 56.1%	-882 to -429	-31.2% to -15.2%
1Q	9,884	9,322	7,739	-2,145	-21.7%	-1,583	-17.0%	8,845	4,253	4,253	4,238	4,230	4,505	4,505	-5,653 to -5,631	-57.2% to -57.0%	-3,509 to -3,486	-45.3% to -45.1%	-4,615 to -4,593	-52.2% to -51.9%
2Q	10,130	10,082	697	-9,433	-93.1%	-9,385	-93.1%	9,712	5,722	5,722	5,433	5,294	5,936	5,936	-4,836 to -4,408	-47.7% to -43.5%	4,597 to 5,025	659.7% to 721.2%	-4,419 to -3,990	-45.5% to -41.1%
3Q	10,613	10,563	2,902	-7,711	-72.7%	-7,661	-72.5%	10,141	7,823	7,666	6,836	6,371	7,089	7,089	-4,242 to -2,790	-40.0% to -26.3%	3,469 to 4,921	119.5% to 169.6%	-3,771 to -2,318	-37.2% to -22.9%
4Q	9,372	8,471	4,118	-5,254	-56.1%	-4,353	-51.4%	7,754	6,465	5,827	5,856	5,088	6,132	6,132	-4,284 to -2,907	-45.7% to -31.0%	970 to 2,347	23.6% to 57.0%	-2,666 to -1,289	-34.4% to -16.6%
Total	39,998	38,437	15,455	-24,543	-61.4%	-22,982	-59.8%	36,453	24,263	23,467	22,363	20,982	23,662	23,662	-19,016 to -15,736	-47.5% to -39.3%	5,527 to 8,807	35.8% to 57.0%	-15,471 to -12,191	-42.4% to -33.4%



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

Year	2019														2020														2021													
	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	e	e	e	e	e	e	e	e	e	e	e	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	584	584	584	584	584	584	584	584	-1,969	-77.1%	-2,108	-78.3%	-2,059	-77.9%															
February	2,221	2,357	2,252	31	1.4%	-106	-4.5%	2,361	481	481	481	481	481	481	481	481	481	481	481	481	481	-1,740	-78.4%	-1,771	-78.6%	-1,880	-79.6%															
March	2,502	2,574	1,089	-1,413	-56.5%	-1,486	-57.7%	2,541	568	568	568	564	562	647	-1,940	-77.5%	-77.3%	-527	-21.1%	-48.4%	-47.8%	-1,979	-77.9%	-1,979	-77.9%	-77.6%																
April	2,583	2,717	74	-2,509	-97.1%	-2,643	-97.3%	2,764	716	716	701	694	862	-1,889	-73.1%	-72.3%	620	22.2%	834.0%	863.5%	-2,070	-81.3%	-2,048	-79.7%	-2,048	-81.3%																
May	2,333	2,559	69	-2,264	-97.1%	-2,490	-97.3%	2,654	734	734	695	677	958	-1,656	-71.0%	-68.5%	609	26.1%	888.2%	971.3%	-1,977	-84.8%	-1,920	-82.5%	-1,920	-82.5%																
June	2,612	2,695	201	-2,410	-92.3%	-2,494	-92.5%	2,743	890	890	811	779	1,253	-1,832	-70.2%	-65.9%	578	21.1%	287.2%	341.9%	-1,963	-74.8%	-1,853	-71.6%	-1,853	-71.6%																
July	2,935	3,015	316	-2,619	-89.2%	-2,699	-89.5%	3,068	1,266	1,266	1,081	1,011	1,767	-1,924	-65.5%	-56.9%	695	23.7%	220.2%	300.8%	-2,057	-70.0%	-1,802	-67.0%	-1,802	-67.0%																
August	3,055	3,110	364	-2,690	-88.1%	-2,746	-88.3%	3,161	1,471	1,471	1,192	1,101	1,890	-1,953	-63.9%	-51.8%	737	23.5%	202.3%	303.9%	-2,060	-68.7%	-1,690	-55.3%	-1,690	-55.3%																
September	2,526	2,587	384	-2,141	-84.8%	-2,203	-85.1%	2,631	1,318	1,318	1,015	883	1,643	-1,643	-64.1%	-47.8%	498	19.0%	129.7%	243.0%	-1,748	-69.1%	-1,313	-51.9%	-1,313	-51.9%																
October	2,471	2,507	458	-2,013	-81.4%	-2,048	-81.7%	2,564	1,359	1,359	1,070	888	1,691	-1,583	-64.1%	-45.0%	430	16.7%	93.7%	196.4%	-1,676	-68.2%	-1,205	-50.7%	-1,205	-50.7%																
November	2,372	2,398	454	-1,918	-80.9%	-1,944	-81.1%	2,462	1,352	1,352	1,126	894	1,730	-1,478	-62.3%	-43.0%	440	18.2%	96.9%	197.9%	-1,568	-66.1%	-1,109	-47.0%	-1,109	-47.0%																
December	2,674	2,754	582	-2,092	-78.2%	-2,172	-78.9%	2,855	1,645	1,645	1,324	1,465	1,148	1,941	-1,526	-57.1%	-38.5%	566	20.1%	97.2%	182.7%	-1,707	-63.9%	-1,210	-45.4%	-1,210	-45.4%															
1Q	7,276	7,562	6,032	-1,243	-17.1%	-1,530	-20.2%	7,544	1,632	1,632	1,628	1,626	1,712	-5,649	-77.6%	-77.6%	-4,406	-58.3%	-4,406	-58.3%	-73.0%	-72.9%	-5,918	-81.2%	-5,912	-81.2%																
2Q	7,528	7,971	344	-7,184	-95.4%	-7,627	-95.7%	8,161	2,340	2,340	2,207	2,150	3,074	-5,377	-71.4%	-68.9%	1,806	22.1%	524.9%	579.9%	-6,010	-79.9%	-5,821	-80.3%	-5,821	-80.3%																
3Q	8,515	8,712	1,064	-7,451	-87.5%	-7,648	-87.8%	8,860	4,055	3,898	3,287	2,995	5,300	-5,520	-64.8%	-52.4%	1,931	22.8%	181.4%	281.0%	-5,865	-68.9%	-4,805	-56.8%	-4,805	-56.8%																
4Q	7,518	7,659	1,495	-6,023	-80.1%	-6,164	-80.5%	7,881	4,356	3,501	3,662	2,930	5,363	-4,587	-61.0%	-42.0%	1,436	18.6%	96.0%	191.5%	-4,951	-65.7%	-3,524	-46.3%	-3,524	-46.3%																
Total	30,836	31,904	8,936	-21,901	-71.0%	-22,969	-72.0%	32,446	12,384	11,371	10,785	9,702	15,448	-21,134	-68.5%	-59.8%	767	2.4%	8.6%	38.6%	-22,744	-73.7%	-20,062	-65.2%	-20,062	-65.2%																



Passenger revenue (USD, million) - Middle East International

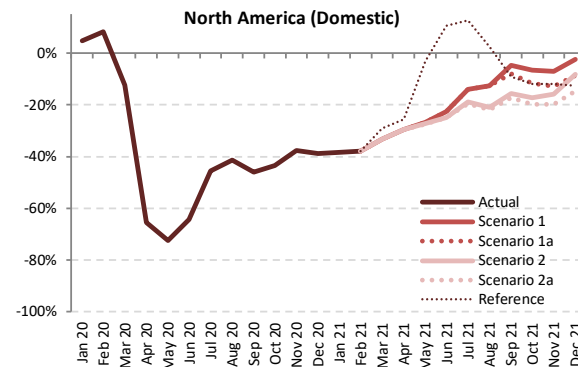
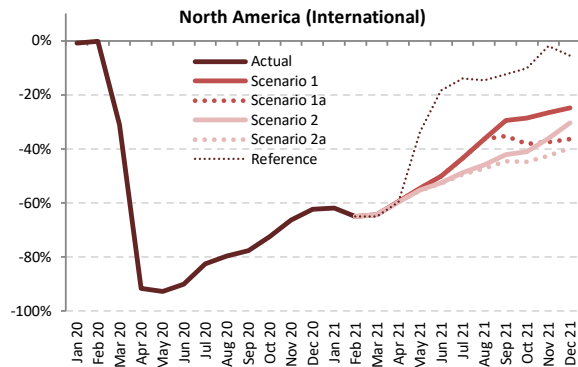
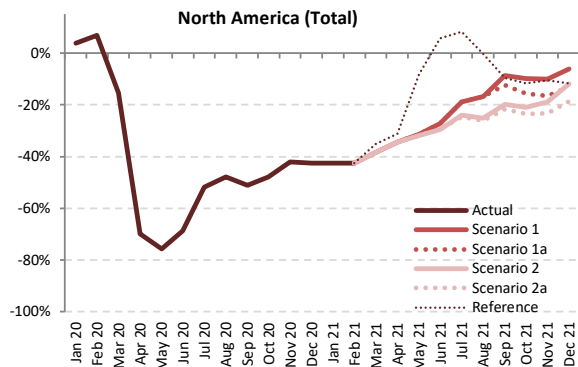
Year	2019						2020						2021							
	Actual	Baseline	Estimated	Compared to 2019		Compared to Baseline		Baseline	Scenario 1	Scenario 1a	Scenario 2	Scenario 2a	Reference	Compared to 2019		Compared to 2020		Compared to Baseline		
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e					-	e-a	e/a-1	e-c	e/a-1	e-d	e/d-1
January	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%	-1,902	-81.1%	
February	1,937	2,083	1,965	28	1.4%	-118	-5.7%	2,102	360	360	360	360	360	-1,577	-81.4%	-1,605	-81.7%	-1,743	-82.9%	
March	2,181	2,276	941	-1,240	-56.8%	-1,335	-58.6%	2,261	428	428	426	424	484	-1,757 to -1,753	-80.6% to -80.4%	-517 to -513	-54.9% to -54.5%	-1,837 to -1,833	-81.2% to -81.1%	
April	2,259	2,294	68	-2,190	-97.0%	-2,326	-97.1%	2,451	544	544	533	528	683	-1,730 to -1,715	-76.6% to -75.9%	460 to 476	673.4% to 695.9%	-1,922 to -1,907	-78.4% to -77.8%	
May	2,016	2,243	59	-1,957	-97.1%	-2,184	-97.4%	2,350	558	558	528	515	780	-1,501 to -1,457	-74.5% to -72.3%	456 to 499	772.3% to 846.3%	-1,835 to -1,791	-78.1% to -76.2%	
June	2,296	2,381	151	-2,145	-93.4%	-2,230	-93.7%	2,442	696	696	633	607	1,050	-1,689 to -1,599	-73.6% to -69.7%	456 to 546	302.2% to 361.5%	-1,835 to -1,746	-75.1% to -71.5%	
July	2,585	2,667	238	-2,348	-90.8%	-2,429	-91.1%	2,736	1,021	1,021	861	803	1,539	-1,782 to -1,565	-68.9% to -60.5%	565 to 783	237.9% to 329.3%	-1,933 to -1,833	-70.6% to -62.7%	
August	2,703	2,761	265	-2,438	-90.2%	-2,495	-90.4%	2,825	1,209	1,209	963	886	1,655	-1,817 to -1,494	-67.2% to -55.3%	620 to 943	233.7% to 355.4%	-1,939 to -1,616	-68.6% to -57.2%	
September	2,223	2,286	287	-1,937	-87.1%	-1,999	-87.5%	2,341	1,087	944	817	704	1,436	-1,519 to -1,137	-68.3% to -51.1%	417 to 800	145.4% to 278.7%	-1,636 to -1,254	-69.9% to -53.6%	
October	2,173	2,239	339	-1,834	-84.4%	-1,900	-84.9%	2,322	1,161	925	898	737	1,481	-1,436 to -1,012	-66.1% to -46.6%	398 to 822	117.3% to 242.5%	-1,586 to -1,161	-68.3% to -50.0%	
November	2,092	2,148	329	-1,762	-84.3%	-1,819	-84.7%	2,237	1,165	907	957	748	1,555	-1,344 to -926	-64.2% to -44.3%	419 to 836	127.1% to 253.8%	-1,489 to -1,072	-66.6% to -47.9%	
December	2,367	2,471	437	-1,930	-81.5%	-2,034	-82.3%	2,588	1,419	1,118	1,253	965	1,747	-1,402 to -948	-59.2% to -40.0%	527 to 982	120.7% to 224.7%	-1,624 to -1,169	-62.7% to -45.2%	
1Q	6,341	6,681	5,301	-1,040	-16.4%	-1,380	-20.7%	6,708	1,231	1,231	1,228	1,227	1,286	-5,115 to -5,111	-80.7% to -80.6%	-4,074 to -4,070	-76.9% to -76.8%	-5,482 to -5,478	-81.7% to -81.7%	
2Q	6,570	7,018	278	-6,292	-95.8%	-6,740	-96.0%	7,243	1,799	1,799	1,694	1,650	2,513	-4,920 to -4,772	-74.9% to -72.6%	1,372 to 1,521	493.0% to 546.4%	-5,593 to -5,444	-77.2% to -75.2%	
3Q	7,512	7,714	790	-6,722	-89.5%	-6,924	-89.8%	7,902	3,316	3,173	2,641	2,393	4,630	-5,119 to -4,196	-68.1% to -55.9%	1,603 to 2,526	202.9% to 319.7%	-5,508 to -5,486	-69.7% to -58.0%	
4Q	6,632	6,859	1,105	-5,526	-83.3%	-5,753	-83.9%	7,148	3,745	2,950	3,108	2,449	4,783	-4,183 to -2,886	-63.1% to -43.5%	1,344 to 2,640	121.6% to 238.8%	-4,699 to -3,403	-65.7% to -47.6%	
Total	27,056	28,272	7,475	-19,581	-72.4%	-20,797	-73.6%	29,001	10,091	9,153	8,672	7,719	13,212	-19,337 to -16,965	-71.5% to -62.7%	244 to 2,616	3.3% to 35.0%	-21,281 to -18,910	-73.4% to -65.2%	

Passenger revenue (USD, million) - Middle East Domestic

Year	2019						2020						2021							
	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		
Month	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	-189	-57.3%	-157	-52.6%	-157	-52.8%	
February	284	275	287	3	1.0%	12	4.4%	258	121	121	121	121	121	-163	-57.3%	-166	-57.7%	-137	-53.1%	
March	320	298	147	-173	-54.0%	-151	-50.6%	279	140	140	138	128	164	-183 to -180	-57.0% to -56.3%	-9 to -7	-6.4% to -5.0%	-142 to -140	-50.7% to -49.9%	
April	324	323	6	-318	-98.2%	-317	-98.2%	313	172	172	168	165	179	-159 to -153	-49.0% to -47.0%	159 to 166	2680.0% to 2788.6%	-148 to -141	-47.2% to -45.1%	
May	317	316	10	-308	-97.0%	-306	-97.0%	305	176	176	167	163	179	-155 to -141	-48.8% to -44.6%	153 to 166	1605.7% to 1745.1%	-142 to -129	-46.6% to -42.3%	
June	316	314	50	-265	-84.0%	-264	-84.0%	300	193	193	179	172	203	-143 to -123	-45.4% to -38.9%	122 to 143	242.1% to 283.3%	-128 to -107	-42.6% to -35.7%	
July	350	348	78	-272	-77.7%	-270	-77.6%	332	245	245	219	208	228	-141 to -104	-40.5% to -29.9%	130 to 167	166.6% to 214.2%	-124 to -87	-37.3% to -26.2%	
August	351	350	99	-252	-71.9%	-251	-71.7%	336	262	262	229	216	235	-136 to -89	-38.6% to -25.3%	117 to 164	118.2% to 165.5%	-120 to -74	-35.8% to -21.9%	
September	302	301	97	-205	-67.8%	-203	-67.6%	290	232	217	198	178	207	-124 to -70	-41.0% to -23.3%	81 to 134	83.2% to 138.0%	-112 to -59	-38.6% to -20.2%	
October	298	267	119	-179	-59.9%	-148	-55.3%	241	198	178	172	152	211	-146 to -100	-49.1% to -33.7%	32 to 78	26.9% to 65.4%	-90 to -44	-37.2% to -18.1%	
November	280	250	125	-156	-55.5%	-125	-50.2%	225	187	168	169	146	175	-135 to -93	-48.0% to -33.3%	21 to 62	16.9% to 50.1%	-79 to -38	-35.1% to -16.7%	
December	307	283	145	-162	-52.8%	-138	-48.8%	267	226	205	212	183	194	-124 to -81	-40.3% to -26.4%	38 to 81	26.5% to 56.1%	-83 to -41	-31.2% to -15.2%	
1Q	934	881	731	-203	-21.7%	-150	-17.0%	836	402	402	401	400	426	-534 to -532	-57.2% to -57.0%	-332 to -329	-45.3% to -45.1%	-436 to -434	-52.2% to -51.9%	
2Q	957	953	66	-891	-93.1%	-887	-93.1%	918	541	541	513	500	561	-457 to -417	-47.7% to -43.5%	434 to 475	659.7% to 721.2%	-418 to -377	-45.5% to -41.1%	
3Q	1,003	998	274	-729	-72.7%	-724	-72.5%	958	739	724	646	602	670	-401 to -264	-40.0% to -26.3%	328 to 465	119.5% to 169.6%	-356 to -219	-37.2% to -22.9%	
4Q	886	801	389	-497	-56.1%	-411	-51.4%	733	611	551	553	481	580	-405 to -275	-45.7% to -31.0%	92 to 222	23.6% to 57.0%	-252 to -122	-34.4% to -16.6%	
Total	3,780	3,633	1,461	-2,319	-61.4%	-2,172	-59.8%	3,445	2,293	2,218	2,113	1,983	2,236	-1,797 to -1,487	-47.5% to -39.3%	522 to 832	35.8% to 57.0%	-1,462 to -1,152	-42.4% to -33.4%	

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	-40.9% to -40.9%	-63.7% to -63.7%	-36.3% to -36.3%	-144,191 to -143,739	-62.9% to -62.7%	-30,106 to -30,084	-80.4% to -80.3%	-114,086 to -113,655	-59.5% to -59.3%	-21,357 to -21,301	-7,913 to -7,908	-13,444 to -13,393
2Q 2021	-32.0% to -30.9%	-55.8% to -54.7%	-27.3% to -26.2%	-138,927 to -128,114	-53.1% to -48.9%	-30,303 to -29,255	-73.9% to -71.4%	-108,624 to -98,859	-49.2% to -44.8%	-21,162 to -19,747	-8,362 to -8,098	-12,800 to -11,650
3Q 2021	-24.2% to -15.0%	-47.2% to -36.7%	-19.6% to -10.7%	-113,834 to -65,501	-43.0% to -24.7%	-27,585 to -20,419	-63.7% to -47.1%	-86,249 to -45,082	-38.9% to -20.3%	-18,107 to -11,405	-7,943 to -6,093	-10,164 to -5,313
4Q 2021	-21.8% to -8.6%	-42.3% to -26.6%	-18.0% to -5.3%	-96,636 to -38,564	-39.5% to -15.8%	-21,784 to -13,044	-59.1% to -35.4%	-74,851 to -25,521	-36.1% to -12.3%	-14,958 to -6,852	-6,138 to -3,845	-8,821 to -3,007
Total 2021	-29.5% to -23.6%	-52.3% to -45.5%	-25.1% to -19.3%	-493,588 to -375,918	-49.3% to -37.6%	-109,778 to -92,802	-69.2% to -58.5%	-383,810 to -283,116	-45.6% to -33.6%	-75,585 to -59,306	-30,356 to -25,943	-45,229 to -33,363



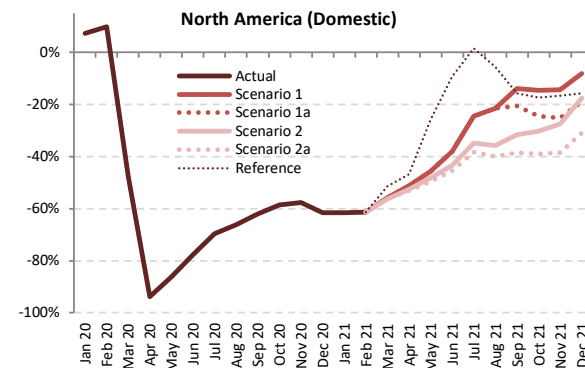
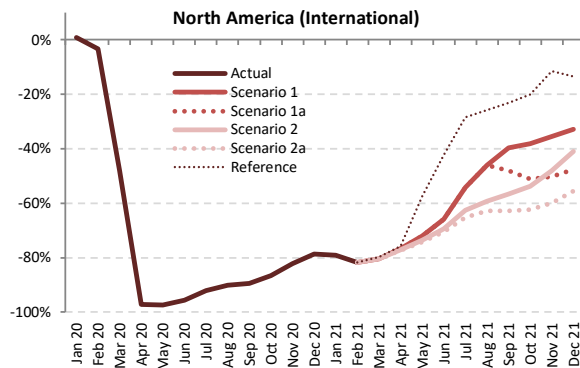
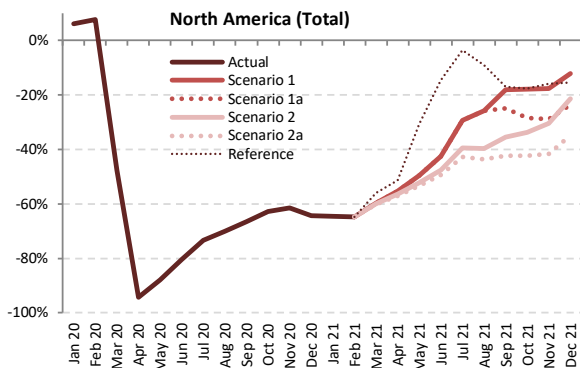
Seat Capacity (thousand) - North America International + Domestic

Year	2019						2020						2021							
	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						
Month	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	62,227	62,227	62,227	65,524	-38,640	-38.3%	-23,010	-27.0%	-41,714	-40.1%	-40,116	-40.1%
April	97,530	100,769	29,373	-68,156	-69.9%	-71,396	-70.9%	103,871	63,963	63,963	63,900	63,891	67,103	-33,639	-34.4%	34,517	117.5%	117.8%	-39,981	-38.4%
May	101,683	105,738	24,681	-77,002	-75.7%	-81,057	-76.7%	109,485	69,845	69,845	69,302	69,251	93,445	-32,431	-31.8%	44,571	183.0%	183.0%	-40,234	-36.2%
June	102,378	107,581	32,109	-70,268	-68.6%	-75,472	-70.2%	109,971	74,498	74,498	72,242	72,028	108,187	-30,350	-27.8%	39,918	132.0%	132.0%	-37,943	-32.3%
July	106,790	113,441	51,382	-55,408	-51.9%	-62,059	-54.7%	119,297	86,521	86,521	81,173	80,561	115,535	-26,229	-20.2%	29,179	68.4%	68.4%	-38,736	-32.5%
August	106,184	109,871	55,341	-50,842	-47.9%	-54,530	-49.6%	113,706	88,473	88,473	79,450	78,393	105,720	-27,790	-17.1%	23,052	59.9%	59.9%	-35,313	-25.2%
September	97,042	102,488	47,516	-49,527	-51.0%	-54,972	-53.6%	107,717	88,544	85,026	77,740	76,054	87,650	-20,988	-8.9%	28,538	41.0%	86.3%	-31,663	-19.1%
October	100,677	102,812	52,459	-48,218	-47.9%	-50,353	-49.0%	106,425	90,718	84,850	79,645	76,906	88,969	-23,772	-9.9%	24,447	38.2%	46.6%	-29,520	-14.8%
November	94,651	95,805	54,837	-39,814	-42.1%	-40,968	-42.8%	98,398	85,192	79,048	76,761	72,694	84,781	-21,956	-9.4%	17,858	30.3%	55.4%	-25,704	-13.4%
December	98,992	101,830	56,803	-42,189	-42.6%	-45,027	-44.2%	106,263	92,981	85,964	87,298	80,528	87,537	-18,465	-6.1%	23,724	36.1%	63.7%	-25,735	-13.2%
1Q	280,275	286,289	274,137	-6,138	-2.2%	-12,153	-4.2%	292,489	165,510	165,510	165,510	165,510	168,807	-114,765	-40.9%	-108,627	-39.6%	-39.6%	-126,979	-43.4%
2Q	301,590	314,088	86,164	-215,426	-71.4%	-227,924	-72.6%	323,328	208,306	208,306	205,445	205,170	268,735	-96,420	-30.8%	119,006	122.1%	141.8%	-118,158	-35.6%
3Q	310,016	325,800	154,239	-155,777	-50.2%	-171,561	-52.7%	340,720	263,538	260,020	238,363	235,008	308,905	-75,008	-21.5%	80,769	109.2%	70.9%	-105,712	-27.7%
4Q	294,320	300,446	164,099	-130,222	-44.2%	-136,348	-45.4%	311,087	268,891	249,862	243,703	230,128	261,287	-64,193	-25.4%	66,029	104.7%	63.9%	-80,959	-26.0%
Total	1,186,201	1,226,623	678,637	-507,564	-42.8%	-547,986	-44.7%	1,267,623	906,244	883,698	853,021	835,816	1,007,734	-350,386	-27.9%	157,178	227.6%	33.5%	-431,808	-36.1%



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	f	g	h	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	5,953	5,953	5,953	5,953	5,851	-10,752 to -10,752	-64.4% to -64.4%	-5,547 to -5,547	-48.2% to -48.2%	-10,155 to -10,155	-63.0% to -63.0%
April	16,153	16,300	1,365	-14,788	-91.6%	-14,935	-91.6%	16,584	6,540	6,540	6,526	6,524	6,510	-9,629 to -9,613	-59.6% to -59.5%	5,159 to 5,175	378.0% to 379.2%	-10,060 to -10,044	-60.7% to -60.6%
May	16,441	16,711	1,202	-15,238	-92.7%	-15,509	-92.8%	17,046	7,473	7,473	7,353	7,340	10,912	-9,101 to -8,967	-55.4% to -54.5%	6,138 to 6,271	510.5% to 521.6%	-9,706 to -9,572	-56.9% to -56.2%
June	17,118	17,390	1,690	-15,428	-90.1%	-15,700	-90.3%	17,639	8,519	8,519	8,137	8,094	13,959	-9,024 to -8,598	-52.7% to -50.2%	6,404 to 6,830	379.0% to 404.2%	-9,545 to -9,120	-54.1% to -51.7%
July	18,138	18,510	3,177	-14,960	-82.5%	-15,332	-82.8%	18,994	10,265	10,265	9,290	9,173	15,597	-8,965 to -7,873	-49.4% to -43.4%	5,995 to 7,087	188.7% to 223.1%	-9,822 to -8,730	-51.7% to -46.0%
August	17,797	18,096	3,608	-14,188	-79.7%	-14,488	-80.1%	18,563	11,319	11,319	9,607	9,379	15,188	-8,417 to -6,477	-47.3% to -36.4%	5,771 to 7,711	159.9% to 213.7%	-9,184 to -7,244	-49.5% to -39.0%
September	15,583	15,971	3,497	-12,086	-77.6%	-12,474	-78.1%	16,368	11,002	10,083	9,009	8,640	13,640	-6,943 to -4,581	-44.6% to -29.4%	5,143 to 7,505	147.1% to 214.6%	-7,727 to -5,366	-47.2% to -32.8%
October	15,357	14,961	4,224	-11,132	-72.5%	-10,737	-71.8%	15,327	10,972	9,509	9,054	8,640	13,785	-6,897 to -4,384	-44.9% to -28.5%	4,235 to 6,748	100.3% to 159.7%	-6,868 to -4,355	-44.8% to -28.4%
November	14,303	13,859	4,804	-9,498	-66.4%	-9,055	-65.3%	14,230	10,500	8,931	9,127	8,224	14,023	-6,079 to -3,803	-42.5% to -26.6%	3,420 to 5,695	71.2% to 118.6%	-6,006 to -3,730	-42.2% to -26.2%
December	15,987	15,543	6,015	-9,972	-62.4%	-9,528	-61.3%	15,928	12,012	10,171	11,142	9,653	15,097	-6,334 to -3,975	-39.6% to -24.9%	3,638 to 5,997	60.5% to 99.7%	-6,275 to -3,916	-39.4% to -24.6%
1Q	47,167	46,066	41,785	-5,382	-11.4%	-4,281	-9.3%	45,862	17,117	17,117	17,117	17,117	17,014	-30,050 to -30,050	-63.7% to -63.7%	-24,669 to -24,669	-59.0% to -59.0%	-28,746 to -28,746	-62.7% to -62.7%
2Q	49,711	50,401	4,257	-45,544	-91.4%	-46,144	-91.6%	51,269	22,533	22,533	22,016	21,958	31,381	-27,753 to -27,178	-55.8% to -54.7%	17,701 to 18,276	415.8% to 429.3%	-29,311 to -28,736	-57.2% to -56.0%
3Q	51,518	52,577	10,283	-41,235	-80.0%	-42,294	-80.4%	53,925	32,886	31,667	27,906	27,928	44,226	-24,010 to -18,932	-47.2% to -36.7%	16,909 to 22,303	164.4% to 216.9%	-26,733 to -21,339	-49.6% to -39.6%
4Q	45,646	44,364	15,043	-30,603	-67.0%	-29,320	-66.1%	45,485	33,484	28,611	29,323	26,336	42,905	-19,310 to -12,162	-42.3% to -26.6%	11,293 to 18,441	75.1% to 122.6%	-19,149 to -12,001	-42.1% to -26.4%
Total	194,042	193,408	71,368	-122,674	-63.2%	-122,040	-63.1%	196,542	105,720	99,927	96,362	92,603	135,726	-101,439 to -88,322	-52.3% to -45.5%	21,235 to 34,351	29.8% to 48.1%	-103,938 to -90,822	-52.9% to -46.2%

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	f	g	h	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	56,274	56,274	56,274	56,274	59,673	-27,887 to -27,887	-33.1% to -33.1%	-17,463 to -17,463	-23.7% to -23.7%	-31,559 to -31,559	-35.9% to -35.9%
April	81,377	84,469	28,009	-53,368	-65.6%	-56,460	-66.8%	87,287	57,423	57,423	57,375	57,367	60,592	-24,010 to -23,954	-29.5% to -29.4%	29,358 to 29,414	104.8% to 105.0%	-29,921 to -29,865	-34.3% to -34.2%
May	85,242	89,027	23,478	-61,763	-72.5%	-65,548	-73.6%	92,439	62,372	62,372	61,949	61,911	82,533	-23,331 to -22,870	-27.4% to -26.8%	38,433 to 38,893	163.7% to 165.7%	-30,528 to -30,068	-33.0% to -32.5%
June	85,260	90,191	30,420	-54,840	-64.3%	-59,772	-66.3%	92,332	65,979	65,979	64,105	63,934	94,228	-21,326 to -19,281	-25.0% to -22.6%	33,514 to 35,559	110.2% to 116.9%	-28,398 to -26,353	-30.8% to -28.5%
July	88,652	94,932	48,204	-40,448	-45.6%	-46,727	-49.2%	100,302	76,256	76,256	71,883	71,388	99,938	-17,264 to -12,396	-19.5% to -14.0%	23,184 to 28,051	48.1% to 58.2%	-28,914 to -24,046	-28.8% to -24.0%
August	88,387	91,775	51,733	-36,654	-41.5%	-40,042	-43.6%	95,143	77,154	77,154	69,842	69,014	90,531	-19,373 to -11,233	-21.9% to -12.7%	17,281 to 25,421	33.4% to 49.1%	-26,129 to -17,989	-27.5% to -18.9%
September	81,459	86,517	44,018	-37,440	-46.0%	-42,498	-49.1%	91,350	77,542	74,944	68,732	67,413	74,010	-14,045 to -3,917	-17.2% to -4.8%	23,395 to 33,523	53.1% to 76.2%	-23,936 to -13,808	-26.2% to -15.1%
October	85,321	87,850	48,235	-37,086	-43.5%	-39,616	-45.1%	91,098	79,746	75,341	70,590	68,446	75,184	-16,875 to -5,575	-19.8% to -6.5%	20,211 to 31,511	41.9% to 65.3%	-22,652 to -11,352	-24.9% to -12.5%
November	80,348	81,945	50,032	-30,316	-37.7%	-31,913	-38.9%	84,168	74,692	70,117	67,634	64,471	70,757	-15,878 to -5,656	-19.8% to -7.0%	14,438 to 24,660	28.9% to 49.3%	-19,698 to -9,476	-23.4% to -11.3%
December	83,006	86,287	50,789	-32,217	-38.8%	-35,498	-41.1%	90,335	80,969	75,793	76,155	70,875	72,441	-12,131 to -2,036	-14.6% to -2.5%	20,086 to 30,181	39.5% to 59.4%	-19,460 to -9,366	-21.5% to -10.4%
1Q	233,108	240,223	232,351	-7,757	-0.3%	-7,871	-3.3%	246,627	148,394	148,394	148,394	148,394	151,793	-84,715 to -84,715	-36.3% to -36.3%	-83,958 to -83,958	-36.1% to -36.1%	-98,233 to -98,233	-39.8% to -39.8%
2Q	251,878	263,687	81,907	-169,972	-67.5%	-181,780	-68.9%	272,059	185,773	185,773	183,429	183,219	237,353	-68,667 to -66,106	-27.3% to -26.2%	101,305 to 103,866	123.7% to 126.8%	-88,847 to -86,286	-32.7% to -31.7%
3Q	258,498	273,223	143,956	-114,542	-44.3%	-129,267	-47.3%	286,795	230,953	228,353	210,457	207,816	264,479	-50,683 to -27,547	-19.8% to -10.7%	63,860 to 86,996	44.4% to 60.4%	-78,979 to -55,843	-27.5% to -19.5%
4Q	248,675	256,083	149,055	-99,619	-40.1%	-107,027	-41.8%	265,601	235,407	221,251	214,380	203,791	218,382	-44,883 to -13,267	-18.0% to -5.3%	54,736 to 86,352	36.7% to 57.9%	-61,810 to -30,194	-23.3% to -11.4%
Total	992,159	1,033,215	607,269	-384,890	-38.8%	-425,946	-41.2%	1,071,082	800,525	783,771	756,659	743,212	872,008	-248,947 to -191,635	-25.1% to -19.3%	135,943 to 193,256	22.4% to 31.8%	-327,869 to -270,557	-30.6% to -25.3%



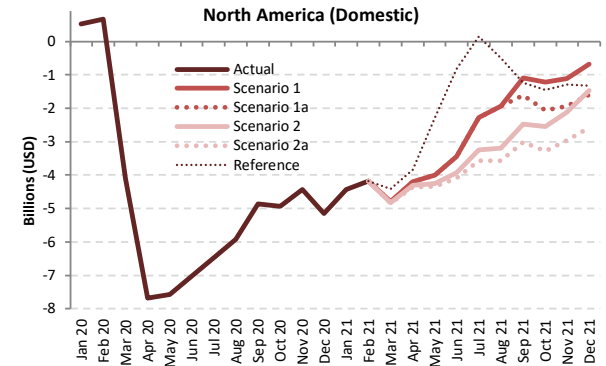
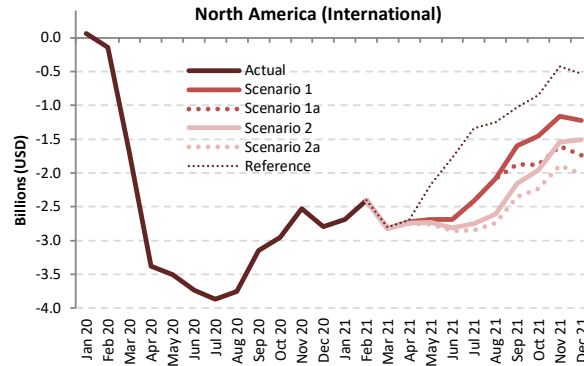
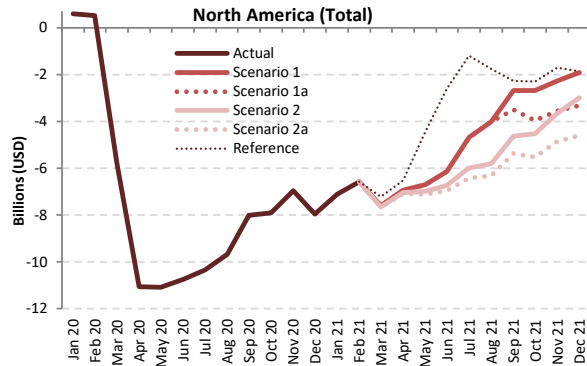
Passenger Number (thousand) - North America International + Domestic

Year	2019							2020							2021						
	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			
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	e	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	26,195	26,195	26,195	26,195	26,195	-47,597	-64.5%	-52,144	-66.6%	-50,800	-66.0%		
February	68,976	72,402	74,269	5,293	7.7%	1,867	2.6%	74,126	24,347	24,347	24,347	24,347	24,347	-44,630	-64.7%	-49,922	-67.2%	-49,779	-67.2%		
March	86,380	87,572	45,187	-41,194	-47.7%	-42,385	-48.4%	89,682	34,868	34,868	34,569	34,415	38,064	-51,965 to -51,512	-60.2% to -59.6%	-10,771 to -10,319	-23.8% to -22.8%	-55,267 to -54,814	-61.6% to -61.1%		
April	82,715	85,788	4,727	-77,988	-94.3%	-81,061	-94.5%	88,718	36,991	36,991	36,060	35,594	40,178	-47,121 to -45,724	-57.0% to -55.3%	30,867 to 32,264	653.0% to 682.6%	-53,124 to -51,727	-59.9% to -58.3%		
May	87,928	91,786	10,606	-77,323	-87.9%	-81,180	-88.4%	95,355	44,293	44,293	42,103	41,118	60,971	-46,810 to -43,635	-53.2% to -49.6%	30,513 to 33,687	287.7% to 317.6%	-54,237 to -51,062	-56.9% to -53.5%		
June	91,099	96,104	17,772	-73,327	-80.5%	-78,331	-81.5%	98,556	52,345	52,345	47,782	46,103	77,934	-44,996 to -38,755	-49.4% to -42.5%	28,331 to 34,572	159.4% to 194.5%	-52,453 to -46,211	-53.2% to -46.9%		
July	94,493	100,766	25,265	-69,228	-73.3%	-75,501	-74.9%	106,320	66,757	66,757	57,288	54,112	91,258	-40,381 to -27,736	-42.7% to -29.4%	28,847 to 41,492	114.2% to 164.2%	-52,208 to -39,563	-49.1% to -37.2%		
August	91,330	94,839	27,316	-64,014	-70.1%	-67,523	-71.2%	98,458	67,882	67,882	55,131	51,428	83,127	-39,902 to -23,448	-43.7% to -25.7%	24,112 to 40,566	88.3% to 148.5%	-47,030 to -30,576	-47.8% to -31.1%		
September	79,119	83,859	26,544	-52,576	-66.5%	-57,316	-68.3%	88,420	64,803	59,331	50,970	45,568	65,754	-33,551 to -14,317	-42.4% to -18.1%	19,024 to 38,259	71.7% to 144.1%	-42,852 to -23,618	-48.5% to -26.7%		
October	83,797	85,904	31,227	-52,570	-62.7%	-54,677	-63.6%	89,214	68,762	59,933	55,546	48,313	68,983	-35,484 to -15,035	-42.3% to -17.9%	17,086 to 37,535	54.7% to 120.2%	-40,901 to -20,452	-45.8% to -22.9%		
November	76,490	77,711	29,543	-46,946	-61.4%	-48,168	-62.0%	80,070	63,078	54,353	53,146	44,576	64,280	-31,914 to -13,412	-41.7% to -17.5%	15,032 to 33,535	50.9% to 113.5%	-35,495 to -16,992	-44.3% to -21.2%		
December	84,091	86,843	30,066	-54,025	-64.2%	-56,777	-65.4%	91,642	73,974	64,326	66,166	54,854	71,108	-29,238 to -10,118	-34.8% to -12.0%	24,787 to 43,907	82.4% to 146.0%	-36,788 to -17,668	-40.1% to -19.3%		
1Q	229,148	234,934	197,795	-31,354	-13.7%	-37,139	-15.8%	240,804	85,410	85,410	85,111	84,957	88,606	-144,191 to -143,739	-62.9% to -62.7%	-112,838 to -112,385	-57.0% to -56.8%	-155,847 to -155,394	-64.7% to -64.5%		
2Q	261,742	273,678	33,105	-228,637	-87.4%	-240,573	-87.9%	282,629	133,629	133,629	125,945	122,816	179,082	-138,927 to -128,114	-53.1% to -48.9%	89,711 to 100,524	271.0% to 303.7%	-159,813 to -149,000	-56.5% to -52.7%		
3Q	264,942	279,465	79,125	-185,817	-70.1%	-200,340	-71.7%	293,198	199,442	193,970	163,388	151,108	240,138	-113,834 to -65,501	-43.0% to -24.7%	71,983 to 120,317	91.0% to 152.1%	-142,090 to -93,756	-48.5% to -32.0%		
4Q	244,378	250,459	90,837	-153,541	-62.8%	-159,622	-63.7%	260,926	205,814	178,612	174,858	147,742	204,371	-96,636 to -38,564	-39.5% to -15.8%	56,906 to 114,977	62.6% to 126.6%	-113,184 to -55,112	-43.4% to -21.1%		
Total	1,000,211	1,038,535	400,861	-599,350	-59.9%	-637,674	-61.4%	1,077,557	624,294	591,621	549,302	506,623	712,197	-493,588 to -375,918	-49.3% to -37.6%	105,762 to 223,432	26.4% to 55.7%	-570,933 to -453,263	-53.0% to -42.1%		



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
January	12,728	12,303	12,827	99	0.8%	524	4.3%	12,265	2,661	2,661	2,661	2,661	2,661	-10,068	-79.1%	-10,166	-79.3%	-9,604	-78.3%
February	11,162	11,222	10,790	-372	-3.3%	-432	-3.8%	11,189	2,043	2,043	2,043	2,043	2,043	-9,119	-81.7%	-8,747	-81.1%	-9,146	-81.7%
March	13,565	13,174	7,052	-6,513	-48.0%	-6,122	-46.5%	13,150	2,667	2,667	2,652	2,645	2,736	-10,920 to -10,898	-80.5% to -80.3%	-4,407 to -4,385	-62.5% to -62.2%	-10,505 to -10,483	-79.9% to -79.7%
April	13,169	13,333	379	-12,790	-97.1%	-12,954	-97.2%	13,591	3,068	3,068	3,006	2,978	3,182	-10,191 to -10,101	-77.4% to -76.7%	2,599 to 2,689	685.5% to 709.3%	-10,613 to -10,523	-78.1% to -77.4%
May	13,346	13,605	350	-12,996	-97.4%	-13,254	-97.4%	13,901	3,731	3,731	3,527	3,446	5,662	-9,900 to -9,615	-74.2% to -72.0%	3,096 to 3,381	883.6% to 964.9%	-10,455 to -10,170	-75.2% to -73.2%
June	14,467	14,741	636	-13,831	-95.6%	-14,104	-95.7%	14,978	4,929	4,929	4,425	4,256	8,350	-10,212 to -9,538	-70.6% to -65.9%	3,619 to 4,293	568.8% to 674.6%	-10,722 to -10,049	-71.6% to -67.1%
July	15,475	15,840	1,216	-14,259	-92.1%	-14,623	-92.3%	16,283	7,093	7,093	5,776	5,376	11,084	-10,100 to -8,382	-65.3% to -54.2%	4,159 to 5,877	342.0% to 483.2%	-10,908 to -9,190	-67.0% to -56.4%
August	15,240	15,542	1,491	-13,749	-90.2%	-14,051	-90.4%	15,971	8,211	8,211	6,204	5,672	11,316	-9,568 to -7,029	-62.8% to -46.1%	4,181 to 6,720	280.4% to 450.7%	-10,299 to -7,760	-64.5% to -48.6%
September	12,609	12,959	1,332	-11,278	-89.4%	-11,628	-89.7%	13,305	7,602	6,544	5,470	4,692	9,693	-7,917 to -5,007	-62.8% to -39.7%	3,361 to 6,270	252.4% to 470.9%	-8,612 to -5,703	-64.7% to -42.9%
October	12,323	12,040	1,657	-10,666	-86.6%	-10,383	-86.2%	12,358	7,634	6,016	5,706	4,650	9,861	-7,673 to -4,689	-62.3% to -38.1%	2,993 to 5,977	180.6% to 360.7%	-7,709 to -4,724	-62.4% to -38.2%
November	11,370	11,052	2,020	-9,350	-82.2%	-9,031	-81.7%	11,370	7,336	5,660	5,915	4,563	10,073	-6,807 to -4,034	-59.9% to -35.5%	2,542 to 5,316	125.8% to 263.1%	-6,807 to -4,034	-59.9% to -35.5%
December	13,142	12,817	2,803	-10,338	-78.7%	-10,014	-78.1%	13,154	8,821	6,874	7,754	5,838	11,383	-7,304 to -4,321	-55.6% to -32.9%	3,035 to 6,018	108.3% to 214.7%	-7,315 to -4,333	-55.6% to -32.9%
1Q	37,454	36,699	30,669	-6,786	-18.1%	-6,030	-16.4%	36,604	7,370	7,370	7,356	7,349	7,439	-30,106 to -30,084	-80.4% to -80.3%	-23,320 to -23,298	-76.0% to -76.0%	-29,256 to -29,234	-79.9% to -79.9%
2Q	40,983	41,679	1,366	-39,617	-96.7%	-40,313	-96.7%	42,470	11,728	11,728	10,958	10,680	17,194	-30,303 to -29,255	-73.9% to -71.4%	9,314 to 10,362	682.0% to 758.7%	-31,791 to -30,743	-74.9% to -72.4%
3Q	43,235	44,341	4,039	-39,286	-90.7%	-40,302	-90.9%	45,559	22,906	21,848	17,451	15,470	32,093	-27,585 to -20,419	-63.7% to -47.1%	11,702 to 18,867	289.7% to 467.1%	-29,819 to -22,653	-65.5% to -49.7%
4Q	36,835	35,909	6,481	-30,354	-82.4%	-29,428	-82.0%	36,882	23,791	18,550	19,374	15,051	31,317	-21,784 to -13,044	-59.1% to -35.4%	8,570 to 17,311	132.2% to 267.1%	-21,831 to -13,091	-59.2% to -35.5%
Total	158,597	158,627	42,554	-116,043	-73.2%	-116,073	-73.2%	161,516	65,796	59,496	55,139	48,819	88,043	-109,778 to -92,802	-69.2% to -58.5%	6,265 to 23,242	14.7% to 54.6%	-112,696 to -95,720	-69.8% to -59.3%

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
January	61,064	62,657	65,512	4,448	7.3%	2,855	4.6%	64,731	23,534	23,534	23,534	23,534	23,534	-37,529	-61.5%	-41,978	-64.1%	-41,196	-63.6%
February	57,815	61,181	63,480	5,665	9.8%	2,299	3.8%	62,937	22,304	22,304	22,304	22,304	22,304	-35,511	-61.4%	-41,176	-64.9%	-40,633	-64.6%
March	72,816	74,398	38,135	-34,681	-47.6%	-36,263	-48.7%	76,532	32,201	32,201	31,917	31,770	35,329	-41,045 to -40,615	-56.4% to -55.8%	-6,364 to -15,634	-16.7% to -15.6%	-44,762 to -44,331	-58.5% to -57.9%
April	69,546	72,455	4,348	-65,198	-93.7%	-68,107	-94.0%	75,127	33,923	33,923	33,054	32,616	36,996	-36,929 to -35,623	-53.1% to -51.2%	28,269 to 29,575	650.2% to 680.3%	-42,510 to -41,204	-56.6% to -54.8%
May	74,582	78,181	10,255	-64,327	-86.2%	-67,926	-86.9%	81,454	40,562	40,562	38,576	37,672	55,309	-36,910 to -34,020	-49.1% to -45.6%	27,417 to 30,307	267.3% to 295.5%	-43,782 to -40,892	-53.8% to -50.2%
June	76,632	81,363	17,136	-59,496	-77.6%	-64,227	-78.9%	83,578	47,416	47,416	43,357	41,848	69,584	-34,784 to -29,216	-45.4% to -38.1%	24,711 to 30,280	144.2% to 176.7%	-41,730 to -36,162	-49.9% to -43.3%
July	79,018	84,927	24,049	-54,969	-69.6%	-60,878	-71.7%	90,337	59,664	59,664	51,511	48,737	80,173	-30,281 to -19,354	-38.3% to -24.5%	24,687 to 35,615	102.7% to 148.1%	-41,300 to -30,372	-45.9% to -33.7%
August	76,089	79,297	25,825	-50,265	-66.1%	-53,472	-67.4%	82,487	59,671	59,671	48,927	45,756	71,811	-30,333 to -16,419	-39.9% to -21.6%	19,931 to 33,846	77.2% to 131.1%	-36,731 to -22,816	-44.5% to -27.7%
September	66,510	70,900	25,212	-41,298	-62.1%	-45,688	-64.0%	75,116	57,201	57,208	45,499	40,875	56,061	-25,635 to -9,310	-38.5% to -14.0%	15,663 to 31,988	62.1% to 126.9%	-34,240 to -17,915	-45.6% to -23.9%
October	71,474	73,864	29,570	-41,904	-58.6%	-44,294	-60.4%	76,855	61,128	53,917	49,480	43,663	59,121	-27,811 to -10,346	-38.9% to -14.5%	14,093 to 31,558	47.7% to 106.7%	-33,192 to -15,727	-43.2% to -20.5%
November	65,120	66,659	27,523	-37,597	-57.7%	-39,136	-58.7%	68,701	55,742	48,694	47,231	40,013	54,207	-25,107 to -9,378	-38.6% to -14.4%	12,490 to 28,219	45.4% to 102.5%	-28,687 to -12,959	-41.8% to -18.9%
December	70,949	74,026	27,263	-43,687	-61.6%	-46,763	-63.2%	78,488	65,152	57,452	58,412	49,015	59,725	-21,934 to -5,797	-30.9% to -8.2%	21,752 to 37,890	79.8% to 139.0%	-29,473 to -13,336	-37.6% to -17.0%
1Q	191,694	198,235	167,126	-24,568	-12.8%	-31,109	-15.7%	204,199	78,039	78,039	77,755	77,608	81,167	-114,086 to -113,655	-59.5% to -59.3%	-89,518 to -89,087	-53.6% to -53.3%	-126,591 to -126,160	-62.0% to -61.8%
2Q	220,760	231,999	31,739	-189,020	-85.6%	-200,260	-86.3%	240,158	121,901	121,901	114,987	112,136	161,889	-108,624 to -98,859	-49.2% to -44.8%	80,397 to 90,162	253.3% to 284.1%	-128,022 to -118,258	-53.3% to -49.2%
3Q	216,617	235,124	75,086	-146,531	-66.1%	-160,038	-68.1%	247,639	176,535	172,123	145,938	135,368	208,045	-86,249 to -45,082	-38.9% to -20.3%	60,282 to 101,449	80.3% to 135.1%	-112,271 to -71,104	-45.3% to -28.7%
4Q	207,543	214,550	84,356	-123,187	-59.4%	-130,194	-60.7%	224,044	182,023	160,062	155,484	132,692	173,053	-74,851 to -25,521	-36.1% to -12.3%	48,336 to 97,666	57.3% to 115.8%	-91,352 to -42,022	-40.8% to -18.8%
Total	841,614	879,908	358,307	-483,307	-57.4%	-521,601	-59.3%	916,041	558,498	532,125	494,163	457,804	624,153	-383,810 to -283,116	-45.6% to -33.6%	99,497 to 200,191	27.8% to 55.9%	-458,237 to -357,543	-50.0% to -39.0%



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

Year	2019							2020							2021						
	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			
Month	a	b	c	c-a	c/a-1	c-b	c/b-1	d	e	e	e	e	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	3,430	3,430	3,430	3,430	3,430	-7,110	-67.5%	-7,700	-69.2%	-7,470	-68.5%		
February	9,717	10,161	10,244	527	5.4%	83	0.8%	10,369	3,131	3,131	3,131	3,131	3,131	-6,586	-67.8%	-7,113	-69.4%	-7,237	-69.8%		
March	12,058	12,183	6,265	-5,793	-48.0%	-5,918	-48.6%	12,455	4,452	4,452	4,415	4,396	4,837	-7,662 to -7,606	-63.5% to -63.1%	-1,869 to -1,813	-29.8% to -28.9%	-8,060 to -8,004	-64.7% to -64.3%		
April	11,677	12,086	617	-11,060	-94.7%	-11,470	-94.9%	12,485	4,755	4,755	4,637	4,579	5,145	-7,098 to -6,922	-60.8% to -59.3%	3,962 to 4,138	64.2% to 67.0%	-7,907 to -7,730	-63.3% to -61.9%		
May	12,400	12,924	1,314	-11,086	-89.4%	-11,610	-89.8%	13,405	5,706	5,706	5,420	5,294	7,953	-7,106 to -6,694	-57.3% to -54.0%	3,979 to 5,401	302.8% to 334.1%	-8,112 to -7,700	-60.5% to -57.4%		
June	12,947	13,599	2,200	-10,747	-83.0%	-11,399	-83.8%	13,942	6,816	6,816	6,210	5,989	10,342	-6,958 to -6,131	-53.7% to -47.4%	3,789 to 4,616	172.2% to 209.8%	-7,952 to -7,126	-57.0% to -51.1%		
July	13,500	14,320	3,151	-10,348	-76.7%	-11,169	-78.0%	15,059	8,808	8,808	7,511	7,083	12,297	-6,417 to -4,691	-47.5% to -34.7%	3,931 to 5,657	124.8% to 179.5%	-7,976 to -6,250	-53.0% to -41.5%		
August	13,126	13,619	3,447	-9,680	-73.7%	-10,172	-74.7%	14,133	9,104	9,104	7,317	6,809	11,370	-6,318 to -4,022	-48.1% to -30.6%	3,362 to 5,657	97.6% to 164.1%	-7,324 to -5,029	-51.8% to -35.6%		
September	11,365	12,003	3,346	-8,019	-70.6%	-8,657	-72.1%	12,617	8,674	8,674	6,736	5,993	9,101	-5,373 to -2,692	-47.3% to -23.7%	2,647 to 5,328	79.1% to 159.2%	-6,625 to -3,943	-52.5% to -31.3%		
October	11,827	12,037	3,933	-7,893	-66.7%	-8,104	-67.3%	12,492	9,153	7,874	7,313	6,313	9,519	-5,513 to -2,674	-46.6% to -22.6%	2,380 to 5,219	60.5% to 132.7%	-6,178 to -3,339	-49.5% to -26.7%		
November	10,714	10,812	3,754	-6,960	-65.0%	-7,057	-65.3%	11,144	8,444	7,169	7,063	5,863	9,002	-4,851 to -2,270	-45.3% to -21.2%	2,109 to 4,690	56.2% to 124.9%	-5,280 to -2,700	-47.4% to -24.2%		
December	11,842	12,146	3,897	-7,946	-67.1%	-8,249	-67.9%	12,788	9,934	8,509	8,853	7,248	9,988	-4,594 to -1,908	-38.8% to -16.1%	3,352 to 6,038	86.0% to 155.0%	-5,540 to -2,853	-43.3% to -22.3%		
1Q	32,314	32,995	27,639	-4,675	-14.5%	-5,356	-16.2%	33,724	11,013	11,013	10,976	10,957	11,398	-21,357 to -21,301	-66.1% to -65.9%	-16,682 to -16,626	-60.4% to -60.2%	-22,767 to -22,711	-67.5% to -67.3%		
2Q	37,024	38,610	4,131	-32,893	-88.8%	-34,479	-89.3%	39,832	17,277	17,277	16,267	15,862	23,441	-21,162 to -19,747	-57.2% to -53.3%	11,731 to 13,145	284.0% to 318.2%	-23,971 to -22,556	-60.2% to -56.6%		
3Q	37,991	39,942	9,944	-28,047	-73.8%	-29,998	-75.1%	41,809	26,586	25,786	21,564	19,884	32,769	-18,107 to -11,405	-47.7% to -30.0%	9,940 to 16,642	100.0% to 167.4%	-21,924 to -15,223	-52.4% to -36.4%		
4Q	34,383	34,995	11,584	-22,799	-66.3%	-23,411	-66.9%	36,423	27,531	23,552	23,228	19,425	28,509	-14,958 to -6,852	-43.5% to -19.9%	7,841 to 15,947	67.7% to 137.7%	-16,998 to -8,892	-46.7% to -24.4%		
Total	141,713	146,541	53,298	-88,414	-62.4%	-93,243	-63.6%	151,788	82,407	77,627	72,035	66,128	96,117	-75,585 to -59,306	-53.3% to -41.8%	12,830 to 29,108	24.1% to 54.6%	-85,660 to -69,382	-56.4% to -45.7%		



Passenger revenue (USD, million) - North America International

Table with columns for Year (2019, 2020, 2021) and Month, showing passenger revenue in USD million for North America International. Includes sub-headers for Actual, Baseline, Estimated, and various comparison metrics (c-a, c/a-1, c-b, c/b-1, e-a, e/a-1, e-c, e/a-1, e-d, e/d-1).

Passenger revenue (USD, million) - North America Domestic

Table with columns for Year (2019, 2020, 2021) and Month, showing passenger revenue in USD million for North America Domestic. Includes sub-headers for Actual, Baseline, Estimated, and various comparison metrics (c-a, c/a-1, c-b, c/b-1, e-a, e/a-1, e-c, e/a-1, e-d, e/d-1).



Appendix A: Overview of Early Impact



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



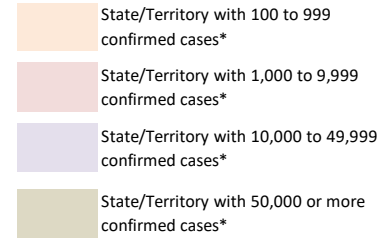
Note: The above includes a) international from mainland China, Hong Kong SAR of China, Macao SAR of China, Taiwan, Province of China; b) domestic within mainland China, and c) regional between mainland China and Hong Kong SAR, Macao SAR and Taiwan Province

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

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.

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 Republic	-71,910	-21%
Finland	-71,413	-4%



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

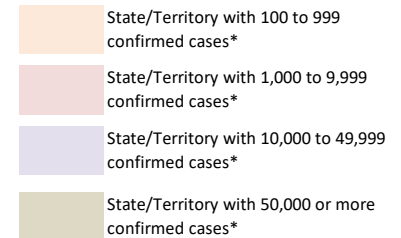
COVID-19 Pandemic was declared and accelerating in March 2020

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)



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

April 2020 International Passenger Capacity

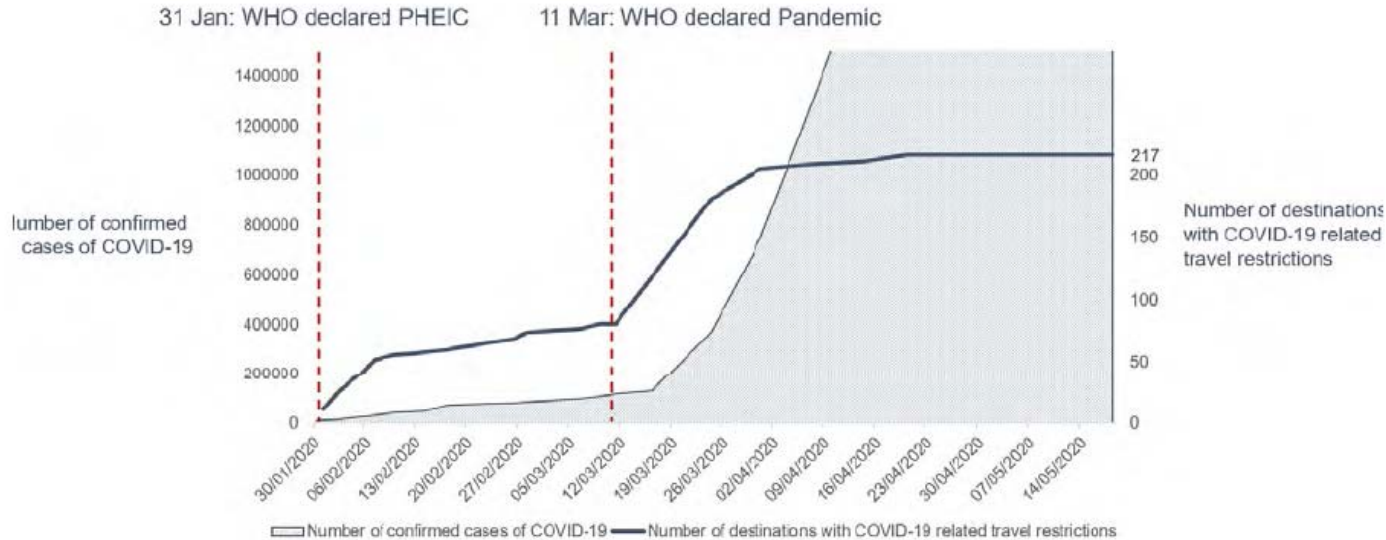
Country/Territory	Capacity change from originally-planned	Country/Territory	Capacity change from originally-planned
United States	-22,976,621 -88%	Malaysia	-4,959,606 -85%
United Kingdom	-22,345,210 -90%	Portugal	-4,913,803 -95%
Germany	-19,374,444 -92%	Saudi Arabia	-4,193,572 -77%
Spain	-18,041,897 -94%	Australia	-4,115,805 -92%
China	-16,683,876 -95%	Mexico	-4,104,882 -78%
France	-13,480,021 -91%	Austria	-3,812,866 -91%
Italy	-12,464,502 -94%	Qatar	-3,760,492 -80%
United Arab Emirates	-11,009,896 -89%	Indonesia	-3,723,583 -87%
Japan	-9,501,833 -88%	Viet Nam	-3,681,731 -89%
Turkey	-8,798,224 -94%	Ireland	-3,595,318 -92%
Thailand	-8,441,105 -94%	Poland	-3,449,632 -79%
Republic of Korea	-7,960,525 -86%	Denmark	-3,417,729 -93%
Hong Kong SAR of China (CN)	-7,122,206 -93%	Belgium	-3,323,135 -87%
Netherlands	-6,960,693 -89%	Greece	-3,078,774 -94%
Singapore	-6,596,279 -93%	Philippines	-2,993,741 -86%
Canada	-6,288,656 -90%	Sweden	-2,941,579 -89%
India	-6,286,458 -89%	Norway	-2,476,519 -90%
Switzerland	-5,990,424 -93%	Egypt	-2,248,437 -78%
Russian Federation	-5,747,918 -87%	Brazil	-2,214,850 -92%
Taiwan, Province of China (CN)	-5,400,277 -85%	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)

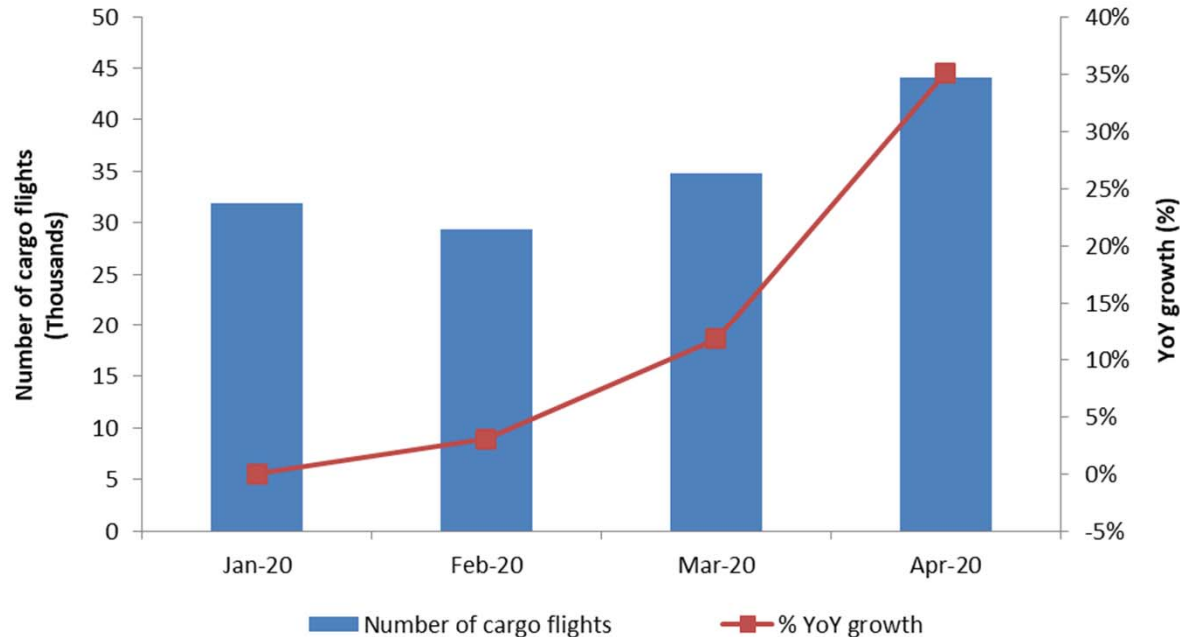
Number of confirmed cases and destinations with COVID-19-related travel restrictions



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>

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





Appendix B: Scenario Assumptions in Detail



Baseline (Originally-planned, business as usual)		
(International and domestic)	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

Scenarios 1/1a, 2/2a and Reference		
(International and domestic)	Seat capacity	Passenger load factor
January 2020 to January 2021	Actual capacity based on ICAO ADS-B data	Actual estimated results by region/route group
February 2021		Average 38 (international) and 21 (domestic) percentage points lower than January 2019 load factor with adjustment of GDP impact by region/route group
March 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

International (world average)

Seat capacity	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	-79%	-76%	-69%	-51%	-38%	-30%	-32%	-30%	-26%	-27%	-29%
Scenario 1	-79%	-76%	-73%	-69%	-64%	-56%	-46%	-37%	-33%	-33%	-31%
Scenario 1a	-79%	-76%	-73%	-69%	-64%	-56%	-46%	-45%	-46%	-46%	-45%
Scenario 2	-79%	-76%	-74%	-70%	-66%	-62%	-58%	-54%	-50%	-45%	-39%
Scenario 2a	-79%	-76%	-74%	-70%	-66%	-63%	-60%	-57%	-55%	-52%	-49%

Load factor	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	-38%	-35%	-32%	-28%	-24%	-14%	-12%	-10%	-9%	-8%	-8%
Scenario 1	-38%	-36%	-34%	-30%	-26%	-16%	-13%	-11%	-11%	-10%	-9%
Scenario 1a	-38%	-36%	-34%	-30%	-26%	-16%	-13%	-16%	-17%	-16%	-15%
Scenario 2	-38%	-37%	-35%	-32%	-29%	-23%	-21%	-19%	-17%	-15%	-13%
Scenario 2a	-38%	-37%	-35%	-33%	-31%	-26%	-24%	-26%	-25%	-24%	-22%

Domestic (world average)

Seat capacity	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	-43%	-22%	-16%	-4%	1%	-1%	-2%	-6%	-6%	-23%	-24%
Scenario 1	-43%	-34%	-32%	-30%	-27%	-23%	-18%	-14%	-12%	-11%	-10%
Scenario 1a	-43%	-34%	-32%	-30%	-27%	-23%	-18%	-17%	-17%	-16%	-16%
Scenario 2	-43%	-34%	-32%	-31%	-29%	-27%	-26%	-24%	-22%	-20%	-16%
Scenario 2a	-43%	-34%	-32%	-31%	-29%	-28%	-26%	-25%	-24%	-23%	-21%

Load factor	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	-22%	-20%	-18%	-15%	-12%	-7%	-5%	-5%	-4%	-4%	-3%
Scenario 1	-22%	-22%	-20%	-17%	-14%	-9%	-7%	-7%	-6%	-6%	-5%
Scenario 1a	-22%	-22%	-20%	-17%	-14%	-9%	-7%	-10%	-11%	-10%	-9%
Scenario 2	-22%	-22%	-21%	-19%	-17%	-14%	-12%	-12%	-10%	-9%	-8%
Scenario 2a	-22%	-22%	-21%	-20%	-18%	-16%	-15%	-16%	-15%	-15%	-13%

- 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 Baseline level of load factor %



- **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.



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%	-95.4%	-95.7%	-37.2%	-25.2%	-19.0%	-9.6%	-5.7%	6.8%	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%																							
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%	-93.0%	-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%



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



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	-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



Appendix D: Summary of Analysis by Other Organizations



ACI: Airport would lose USD 111.8 billion gross revenues in 2020

Region	Passenger number - both international and domestic for full year 2020		Airport revenue - both aeronautical and non-aeronautical for full year 2020	
	million and % change from 2020 "business as usual" baseline scenario		USD billion and % change from 2020 "business as usual" baseline scenario	
Africa	-169	-69.5%	-2.970	-69.1%
Asia/Pacific	-2,049	-59.2%	-29.600	-59.3%
Europe	-1,762	-70.8%	-40.800	-68.8%
Latin America/Caribbean	-431	-61.8%	-6.600	-62.9%
Middle East	-268	-70.6%	-9.700	-73.5%
North America	-1,331	-63.6%	-22.100	-63.7%
Total	-6,011	-64.2%	-111.770	-65.0%

https://aci.aero/wp-content/uploads/2020/12/Advisory_Bulletin_The_impact_of_COVID_19_on_the_airport_business.pdf



IATA: Airlines would lose USD 118.5 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.

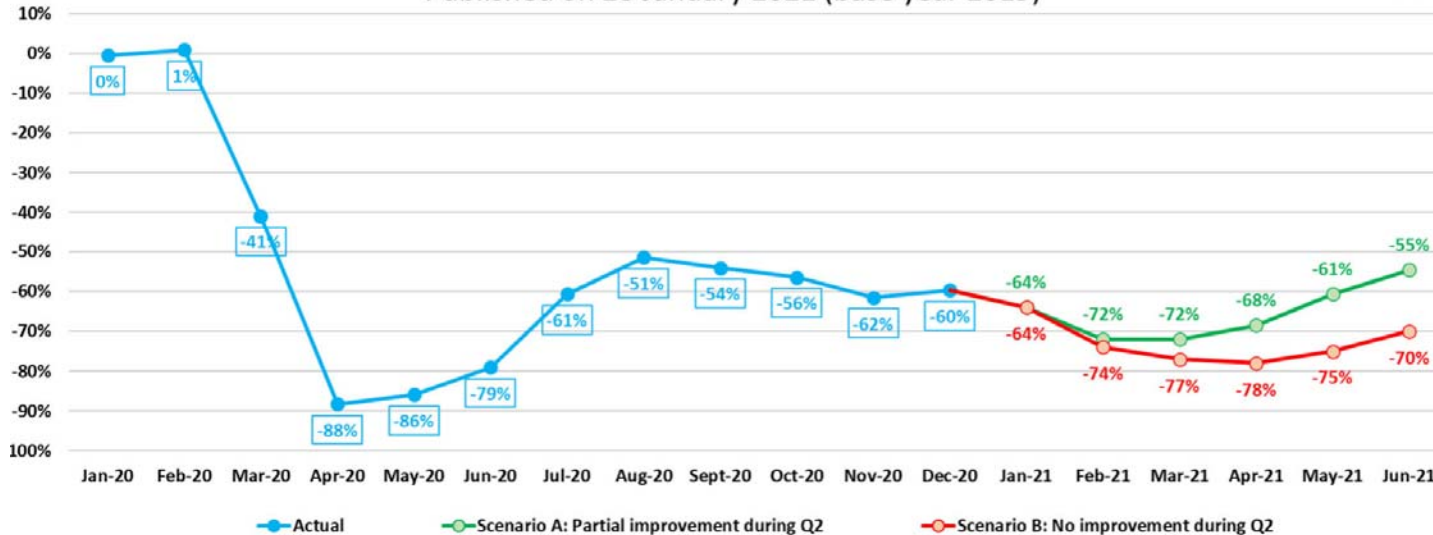
IATA recently updated its estimated loss of gross passenger revenues from **USD 371 billion to USD 421 billion** (USD 510 billion including passengers, cargo and others) but no regional break-down was released.

Region of airline registration	Revenue Passenger Kilometres (RPKs) - both international and domestic for full year 2020	Net profit for full year 2020
	year-on-year % change from 2019 level	USD billion
Africa	-72.0%	-2.0
Asia/Pacific	-62.0%	-31.7
Europe	-70.0%	-26.9
Latin America/Caribbean	-64.0%	-5.0
Middle East	-73.0%	-7.1
North America	-66.0%	-45.8
Total	-66.3%	-118.5

<https://www.iata.org/en/iata-repository/publications/economic-reports/airline-industry-economic-performance---november-2020---data-tables/>

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

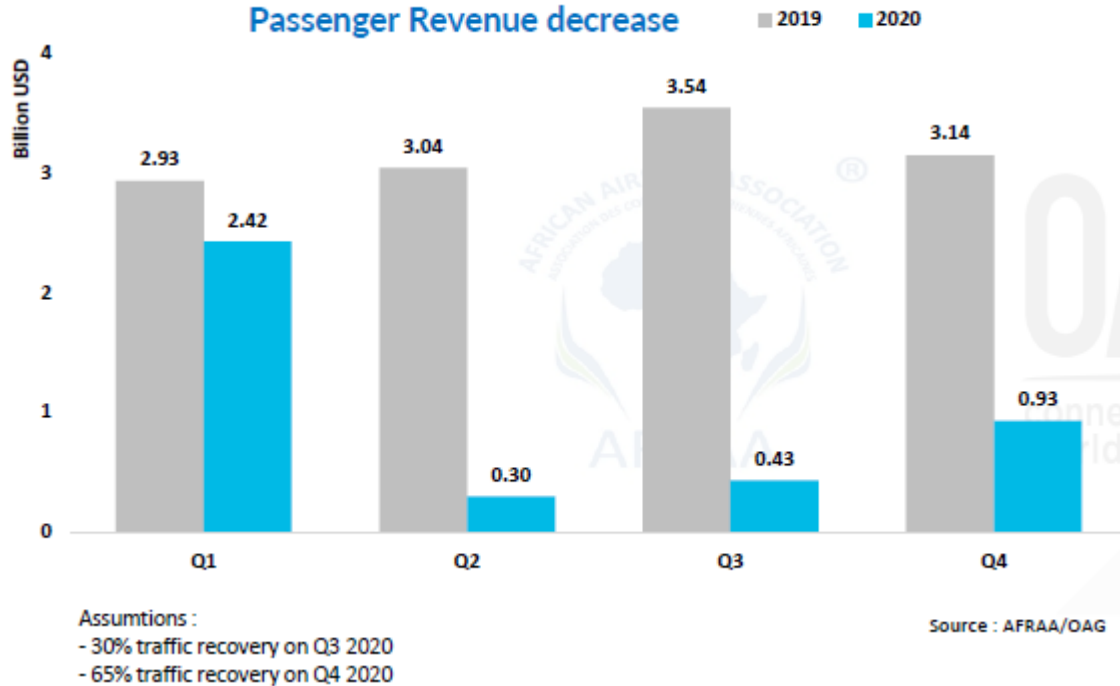
EUROCONTROL Traffic Scenarios
Published on 28 January 2021 (base year 2019)



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>

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

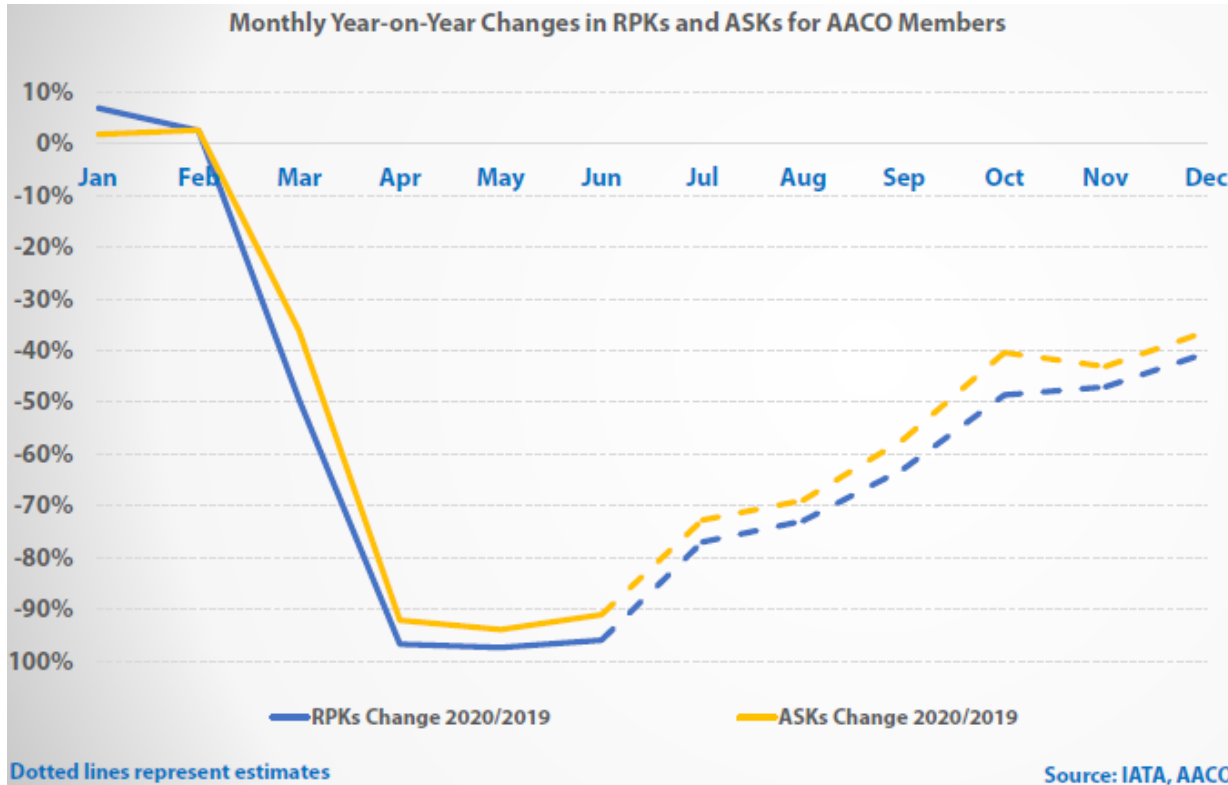


AFRAA's estimates (USD 8.56 billion loss) is greater than IATA's estimates (USD 6 billion loss). Both estimates are for airlines registered in Africa.

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



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

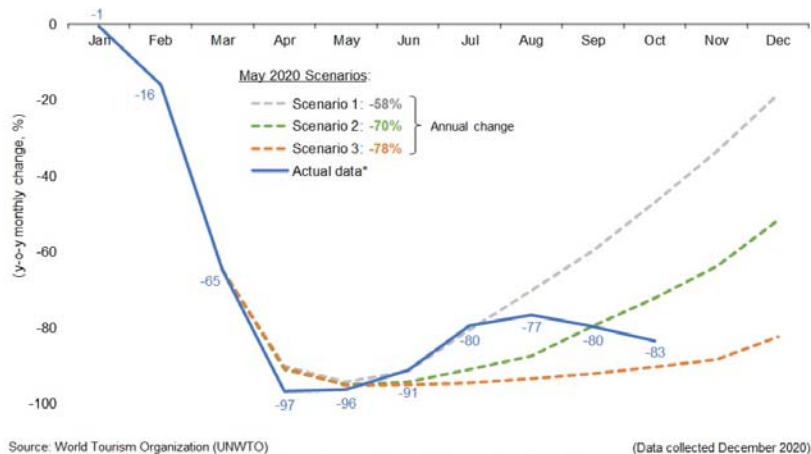


Total year's decline in RPKs and ASKs for AACO members is forecasted to reach 57.1% and 34.0%, respectively, in 2020 compared to 2019.

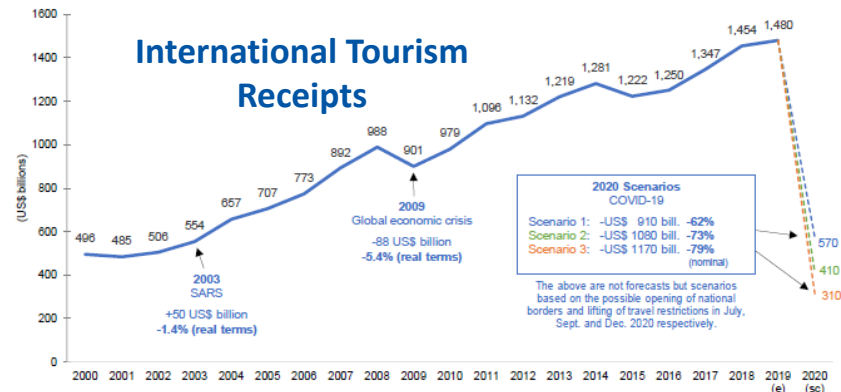
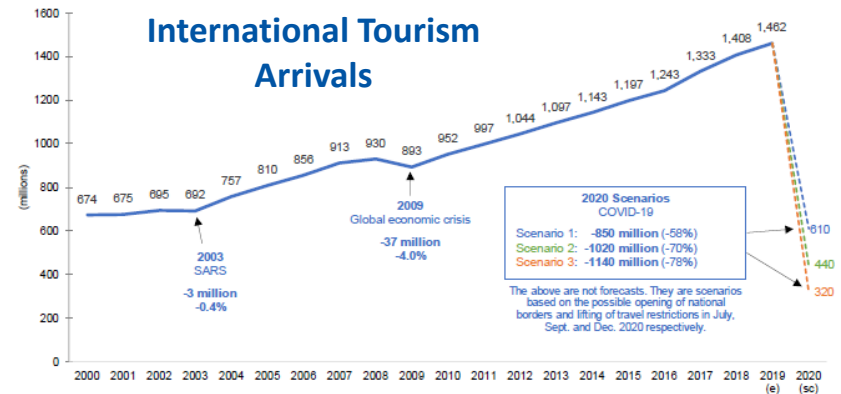
<https://aaco.org/media-center/covid-19>

UNWTO: A loss of USD 910 to 1,170 billion in international tourism receipts in 2020

Three scenarios dependent upon re-opening of borders International Tourism Arrivals (year-on-year % change from 2019 level)



<https://webunwto.s3.eu-west-1.amazonaws.com/s3fs-public/2020-05/Barometer%20-%20May%202020%20-%20Short.pdf>



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

Global macroeconomic losses

- 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>



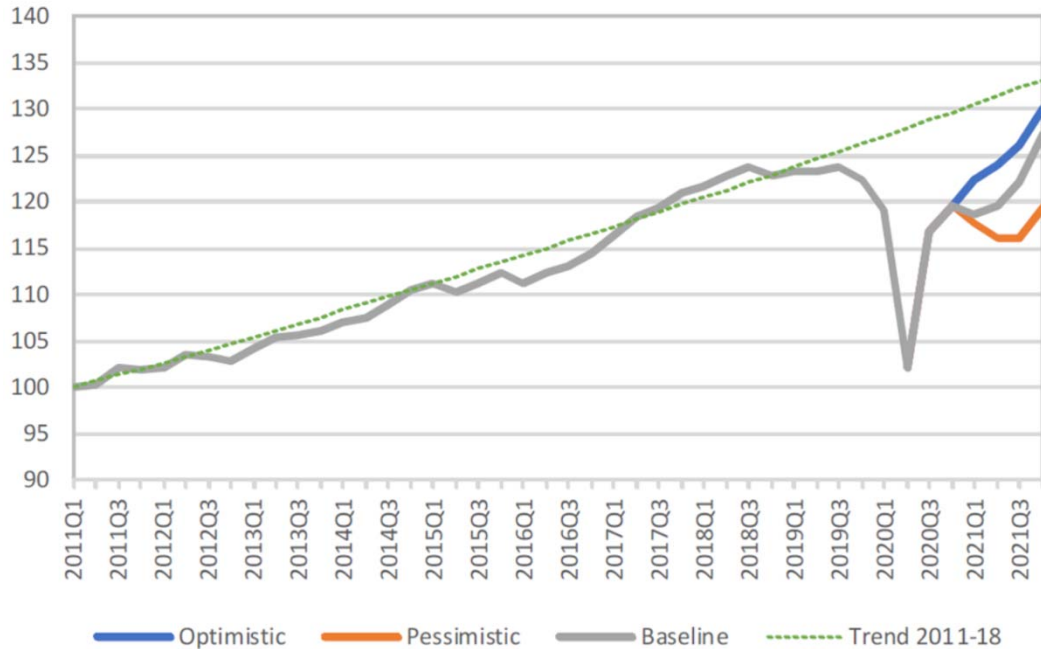
2020 forecasts – COVID-19 impact on travel and tourism sector

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

World Merchandise Trade Volume
(2011 Q1 =100)



- ❑ World merchandise trade volume is forecast to fall 9.2% in 2020.
- ❑ The projected decline is less than the 12.9% drop foreseen in the optimistic scenario from the April trade forecast.
- ❑ Trade volume growth should rebound to 7.2% in 2021 but will remain well below the pre-crisis trend.
- ❑ The 14.3% quarter-on-quarter decline in world merchandise trade in the second quarter is the largest on record, but high-frequency data point to a partial rebound in the third quarter.

https://www.wto.org/english/news_e/pres20_e/pr862_e.htm



IMF & World Bank: Global economy is projected to contract by -3.5% to -4.3% in 2020

The Projections assume that the pandemic fades in the second half of 2020 and containment efforts can be gradually unwound

Real GDP (Percent change from previous year)	IMF			World Bank		
	2019	2020	2021	2019	2020	2021
World	2.8	-3.5	5.5	2.3	-4.3	4.0
Advanced economies	1.6	-4.9	4.3	1.6	-5.4	3.3
United States	2.2	-3.4	5.1	2.2	-3.6	3.5
Euro Area	1.3	-7.2	4.2	1.3	-7.4	3.6
Japan	0.3	-5.1	3.1	0.3	-5.3	2.5
Emerging market and developing economies	3.6	-2.4	6.3	3.6	-2.6	5.0
Emerging and Developing Asia	5.4	-1.1	8.3			
East Asia and Pacific				5.8	0.9	7.4
China	6.0	2.3	8.1	6.1	2.0	7.9
South Asia				4.4	-6.7	3.3
India	4.2	-8.0	11.5	4.2	-9.6	5.4
Emerging and Developing Europe	2.2	-2.8	4.0			
Europe and Central Asia				2.3	-2.9	3.3
Russia	1.3	-3.6	3.0	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	-3.2	3.0			
Middle East and North Africa				0.1	-5.0	2.1
Saudi Arabia	0.3	-3.9	2.6	0.3	-5.4	2.0
Sub-Saharan Africa	3.2	-2.6	3.2	2.4	-3.7	2.7
Nigeria	2.2	-3.2	1.5	2.2	-4.1	1.1
South Africa	0.2	-7.5	2.8	0.2	-7.8	3.3
Latin America and the Caribbean	0.2	-7.4	4.1	1.0	-6.9	3.7
Brazil	1.4	-4.5	3.6	1.4	-4.5	3.0
Mexico	-0.1	-8.5	4.3	-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	-0.8	5.1	4.0	-0.9	3.3

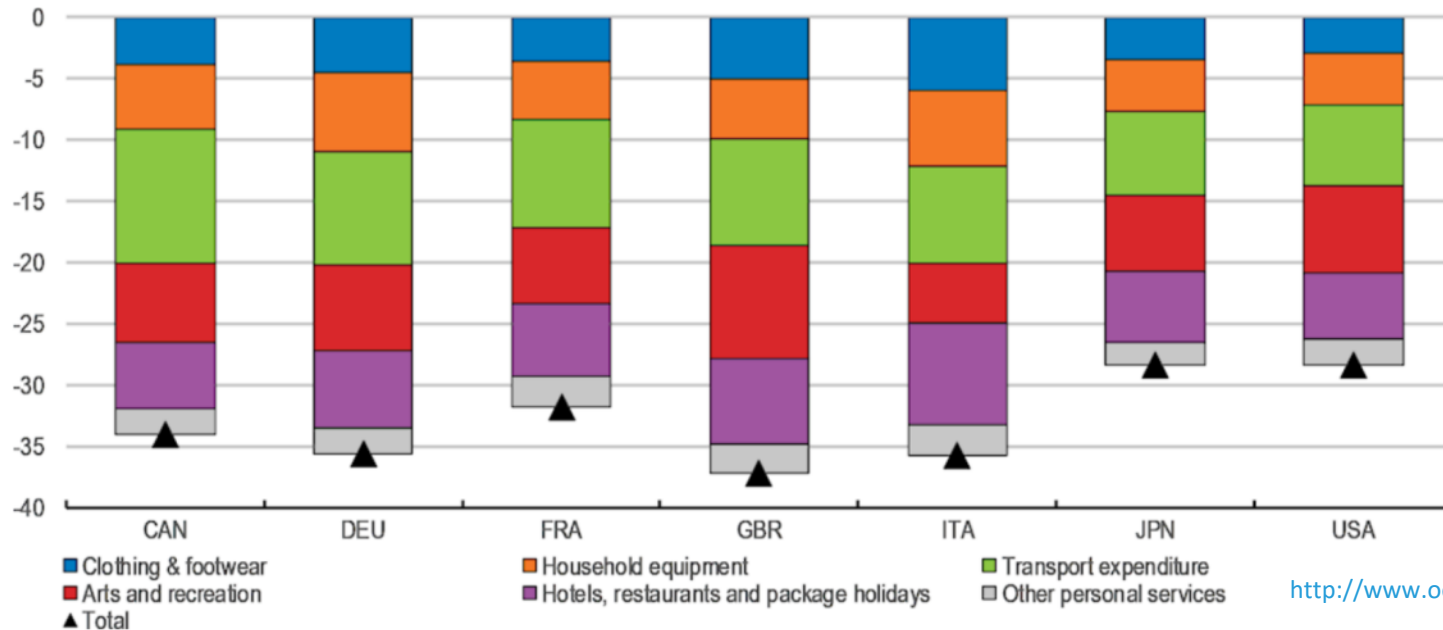
* IMF and World Bank use different Region/State classification; 2020 estimates; and 2021 projections

<https://www.imf.org/en/Publications/WEO/Issues/2021/01/26/2021-world-economic-outlook-update>
<https://www.worldbank.org/en/publication/global-economic-prospects>

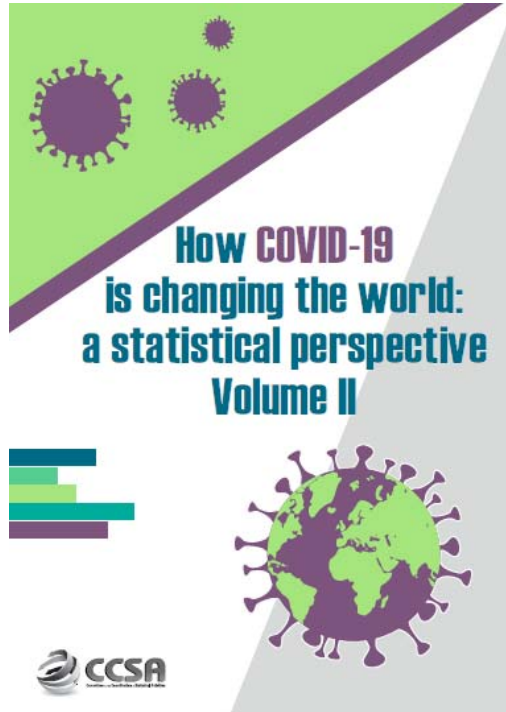
OECD: Sharp decrease in consumers' expenditures for air travel due to containment measures

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/>



The new report will be published by the Committee for the Coordination of Statistical Activities (CCSA) under the auspice of the UN-DESA

ECONOMIC

Aviation standstill with slow and shallow recovery

The global aviation came to a halt in the course of wide-scale lockdown and travel restrictions across all regions. Air travel demand was crippled with stagnant recovery anticipating a long shadow of the crisis.

https://unstats.un.org/unsd/ccsa/documents/covid19-report-ccsa_vol2.pdf



North American
Central American
and Caribbean
(NACC) Office
Mexico City

South American
(SAM) Office
Lima

ICAO
Headquarters
Montréal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok

<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>



THANK YOU

<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>

COVID-19 Weekly Epidemiological Update

Data as received by WHO from national authorities, as of 14 March 2021, 10 am CET

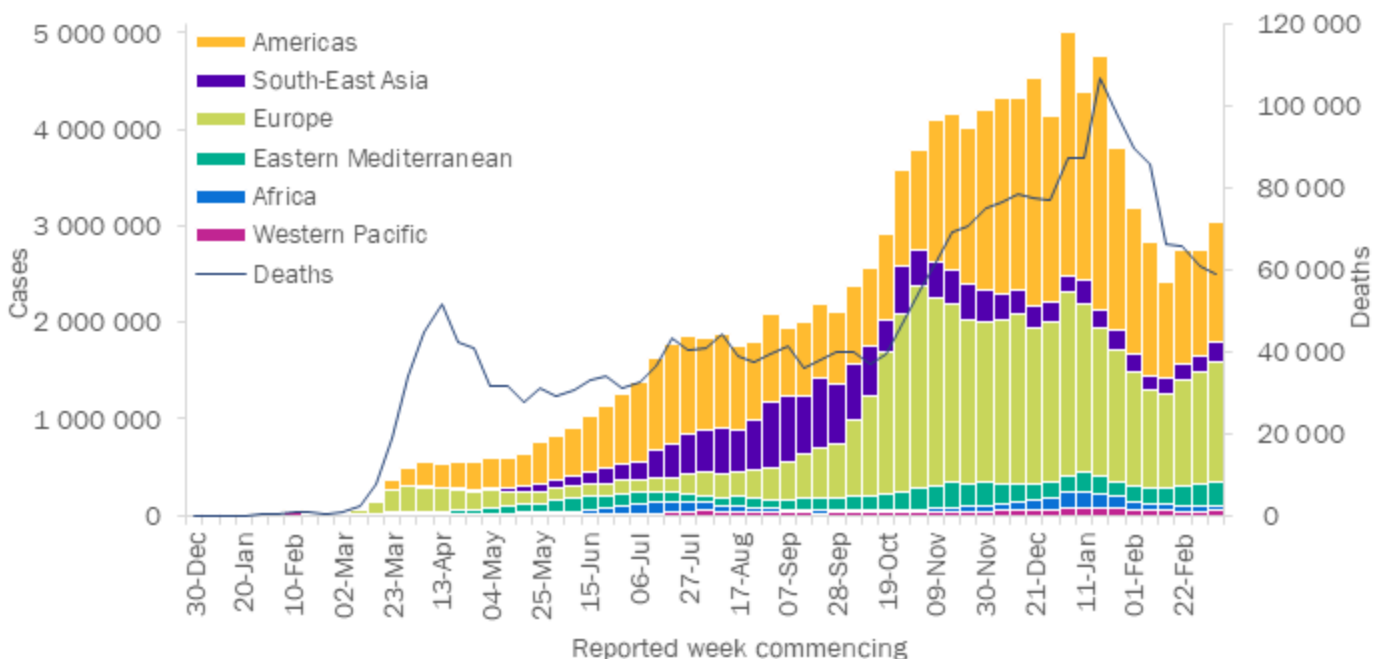
In this edition:

- [Global overview](#)
- [Special focus: Building and maintaining trust - what countries should do to prepare communities for a COVID-19 vaccine, treatment, or a new test](#)
- [Special focus: SARS-CoV-2 variants of concern](#)
- [WHO regional overviews](#)
- [Key weekly updates](#)

Global overview

New cases continue to rise globally, increasing by 10% in the past week to over 3 million new reported cases (Table 1). The number of new cases peaked in [early January](#) 2021 when there were just under 5 million cases reported in one week. New cases then declined to just under 2.5 million cases by the [week commencing 15 February](#). However, for the past three weeks new cases have increased. This week, the Americas and Europe continue to account for over 80% of new cases and new deaths, with rises in new cases seen in all regions apart from Africa, where incidence rates remained similar to the previous week. New deaths on the other hand continue to decline and are now under 60 000, since peaking in the week commencing [18 January](#) (when there were over 95 000 new deaths in the week). The last time when there were fewer than 60 000 new weekly deaths was four months ago, in the week commencing [9 November](#). This week, although new deaths declined globally, they rose in two WHO regions; the Eastern Mediterranean (by 7%) and the Western Pacific (by 14%).

Figure 1. COVID-19 cases reported weekly by WHO Region, and global deaths, as of 14 March 2021**



** See [Annex: Data, table and figure notes](#)

The highest numbers of new cases were reported from Brazil (494 153 new cases; 20% increase), the United States of America (461 190 new cases; 8% increase), France (161 159 new cases; 12% increase), Italy (155 076 new cases; 12% increase), and India (148 249 new cases; 30% increase).

Table 1. Newly reported and cumulative COVID-19 confirmed cases and deaths, by WHO Region, as of 14 March 2021**

WHO Region	New cases in last 7 days (%)	Change in new cases in last 7 days *	Cumulative cases (%)	New deaths in last 7 days (%)	Change in new deaths in last 7 days *	Cumulative deaths (%)
Americas	1 241 439 (41%)	13%	52 763 406 (44%)	30 596 (52%)	-6%	1 268 186 (48%)
Europe	1 236 697 (41%)	6%	41 043 949 (34%)	20 977 (36%)	-1%	906 843 (34%)
South-East Asia	199 924 (7%)	19%	13 884 294 (12%)	2 141 (4%)	-3%	212 355 (8%)
Eastern Mediterranean	251 375 (8%)	14%	6 860 070 (6%)	2 955 (5%)	7%	150 173 (6%)
Africa	54 225 (2%)	0%	2 948 236 (2%)	1 309 (2%)	-6%	74 685 (3%)
Western Pacific	49 553 (2%)	19%	1 711 830 (1%)	720 (1%)	14%	30 357 (1%)
Global	3 033 213 (100%)	10%	119 212 530 (100%)	58 698 (100%)	-3%	2 642 612 (100%)

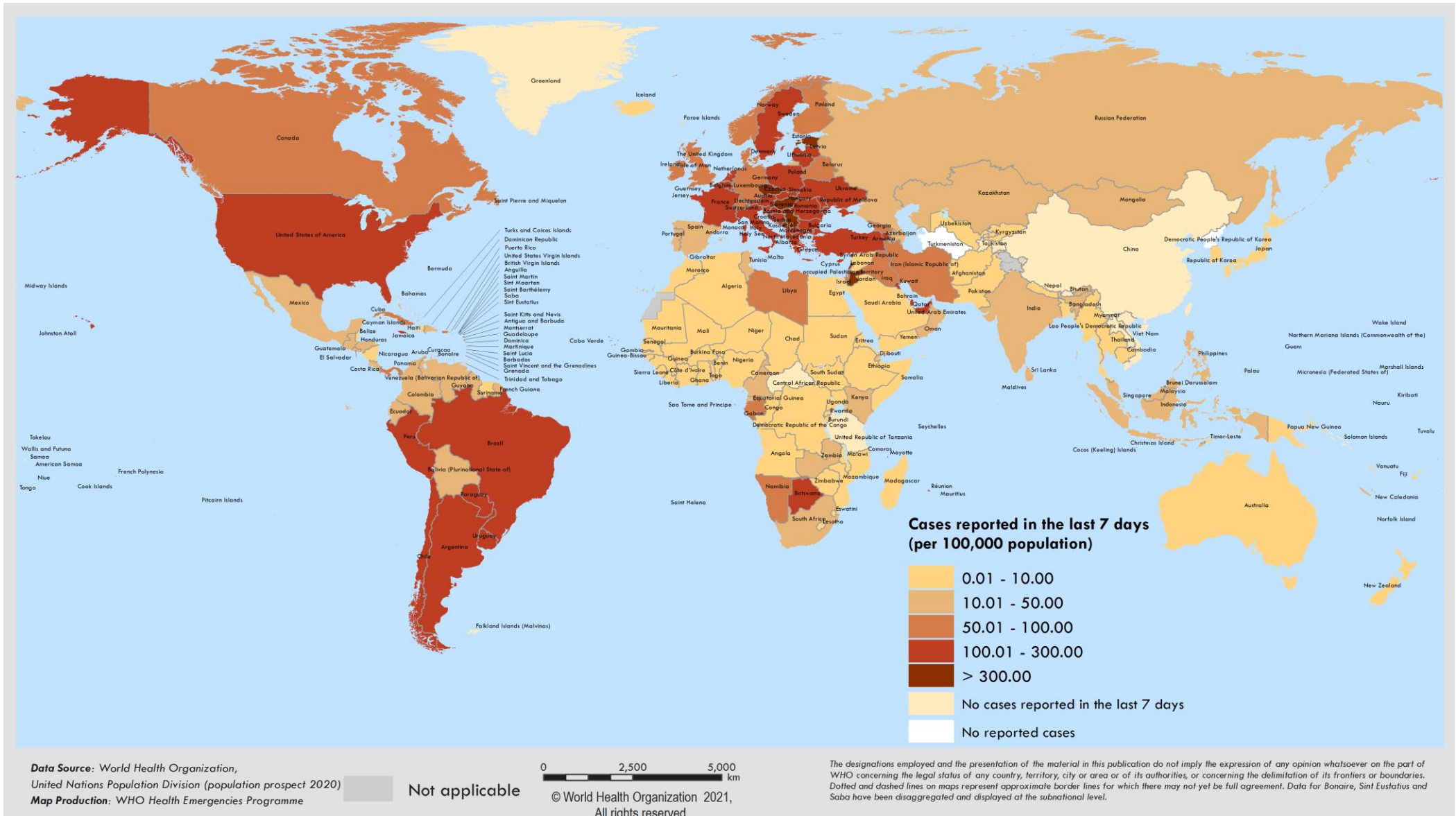
*Percent change in the number of newly confirmed cases/deaths in past seven days, compared to seven days prior. Regional percentages rounded to the nearest whole number; global totals may not equal 100%.

**See [Annex: Data, table and figure notes](#)

For the latest data and other updates on COVID-19, please see:

- [WHO COVID-19 Dashboard](#)
- [WHO COVID-19 Weekly Operational Update](#)

Figure 2. COVID-19 cases per 100 000 population reported by countries, territories and areas, 8-14 March 2021**



**See Annex: Data, table and figure notes

Special Focus: Building and maintaining trust - what countries should do to prepare communities for a COVID-19 vaccine, treatment, or a new test

As we move to the next critical phase of the response, when vaccines and other biomedical tools become more widely available, building trust and engaging communities remains essential. We have learned from previous epidemic responses that when communities fully engage and actively participate in the full cycle of planning, delivery and assessment for new biomedical tools, demand for these tools increases, leading to widespread and effective uptake and use.

Addressing community concerns

Social-behavioral data tell us that we have much to do in order to build and sustain trust in communities around the world.

People have concerns over the safety of vaccines and other biomedical tools made with unprecedented speed and with new technologies. These concerns must be acknowledged and addressed by providing individuals and communities with actionable, timely and credible health information from trusted sources and by providing the space and follow-up necessary to work through these concerns with trusted health or community leaders. Past epidemics have shown us just how quickly and widely individual or community fears can spread if not dealt with in a timely and comprehensive way.

Recent studies suggest that around 65% of global populations surveyed are willing to be vaccinated with a COVID-19 vaccine.¹ But this has fluctuated over time. The proportion of those likely to accept a COVID-19 vaccine varies significantly between regions and countries and within countries. The barriers to vaccine uptake are likely to be influenced by a large range of factors.² These include exposure to misinformation and rumours, which can negatively impact on vaccine confidence, as well as the role local health care professionals play in promoting vaccine uptake among their patients and communities.³

As the pandemic becomes protracted, pandemic fatigue is increasing. The growing fatigue, the stress caused by uncertainty, lower risk perceptions, and reduced trust in government responses, are taking a toll on the fabric of our communities. This has already led to stigma and discrimination in some settings as well as protests against public health and social measures in many countries.

This is why since the beginning of the pandemic, WHO has promoted and provided guidance on implementing a whole-of-society approach to ensure the widest array of stakeholders are actively involved in the introduction of new biomedical tools, while also supporting communities' broader trust in their health systems.

One of the ways WHO is supporting countries strengthen their engagement and empowerment strategies is through the publication of the [10 Steps to Community Readiness – What countries should do to prepare communities for a COVID-19 vaccine, treatment, or new test.](#)

This is a new tool, developed by WHO, UNICEF, IFRC and the Global Outbreak and Alert Response Network (GOARN) through the Risk Communication and Community Engagement (RCCE) Collective Service (a new partnership launched in June 2020), to strengthen coordination and quality of practice for the COVID-19 pandemic response.

¹ Johns Hopkins University, WHO, GOARN, Facebook, MIT (2021) KAP COVID-19 - Vaccine acceptance around the world. <https://ccp.jhu.edu/kap-covid/vaccine-acceptance>

² Anthrologica (2020) Literature analysis: norms and practices relevant to COVID-19 in the Middle East and North Africa Region.

³ PERC (2020) Responding to COVID-19 in Africa: using data to find a balance Part II. <https://preventepidemics.org/covid19/perc/>

Figure 3: 10 Steps to Community Readiness



The tool is built around the recognition that the empowerment of people and communities is not an abstract idea, and there are concrete and measurable steps that can be taken to ensure citizens are engaged and ready to support new biomedical tools.

Though communication needs may be slightly different for each step, the principles that promote their safe and successful introduction remain the same.

The steps build on well-established RCCE principles that put communities at the heart of the roll-out of new vaccines, treatments, and tests, and promote trust – the critical ingredient for all community action.

With the imminent arrival of new biomedical tools, investments in coordinated and proactive community engagement approaches, such as the 10 Steps to Community Readiness, are now needed more than ever. These approaches not only support the widest possible uptake of new tools but also support the continued maintenance of protective behaviours, such as mask wearing and physical distancing.

Additional resources:

- [Tools guidance and job aids to support implementing each of the 10 steps that lead to community readiness](#)
- [Ways the RCCE Collective Service supporting regions and countries](#)
- [Guidance on how to ensure people centered and community led approaches underpin the COVID-19 response](#)

Special Focus: Update on SARS-CoV-2 Variants of Concern

WHO, in collaboration with national authorities, institutions and researchers, continues to monitor the public health events associated with SARS-CoV-2 variants. Further information on the background of the variants of concern (VOCs) is available in previously published editions of the [Weekly Epidemiological Update](#). Here we provide an update on the geographical distribution of the three VOCs, considered as such by WHO and as reported by countries, territories and areas (hereafter countries) as of 16 March 2021; and emerging variants of interest (VOIs).

As surveillance activities, including systematic genomic sequencing, are strengthened at local and national levels to detect cases infected with SARS-CoV-2 variants, the number of countries reporting VOCs has continued to increase (Table 2, Figures 4-6, Annex 2). This information should be interpreted with due consideration of limitations of ongoing surveillance, including but not limited to differences between countries in sequencing capacity and which samples are prioritized for sequencing. WHO continues to advocate for strengthening surveillance and sequencing capacity, and a systematic approach to provide a representative indication of the extent of transmission of SARS-CoV-2 variants; based on the local epidemiological situation and capacity, and the detection of unusual events.

Table 2: Overview of emerging information on key variants of concern, as of 16 March 2021*

Nextstrain clade	20I/501Y.V1	20H/501Y.V2 [†]	20J/501Y.V3
PANGO lineage	B.1.1.7	B.1.351	B.1.1.28.1, alias P.1 [†]
GISAID clade	GR	GH	GR
Alternate names	VOC 202012/01 [†]	VOC 202012/02	-
First detected by	United Kingdom	South Africa	Brazil / Japan
Earliest sample date	20 September 2020	Early August 2020	December 2020
Key spike mutations	H69/V70 deletion; Y144 deletion; N501Y; A570D; P681H	L242/A243/L244 deletion; K417N; E484K; N501Y	K417T, E484K; N501Y
Key mutation in common	S106/G107/F108 deletion in Non-Structural Protein 6 (NSP6)		
Countries reporting cases (newly reported in last week)**	118 (7)	64 (6)	38 (6)

[†]While work is ongoing to establish standardized nomenclature for key variants, these are the names by which WHO will refer to them in this publication. ******Includes official and unofficial reports of VOCs detections in countries among either travellers (imported cases only) or community samples (local transmission).

Figure 4. Countries, territories and areas reporting SARS-CoV-2 VOC 202012/01 as of 16 March 2021

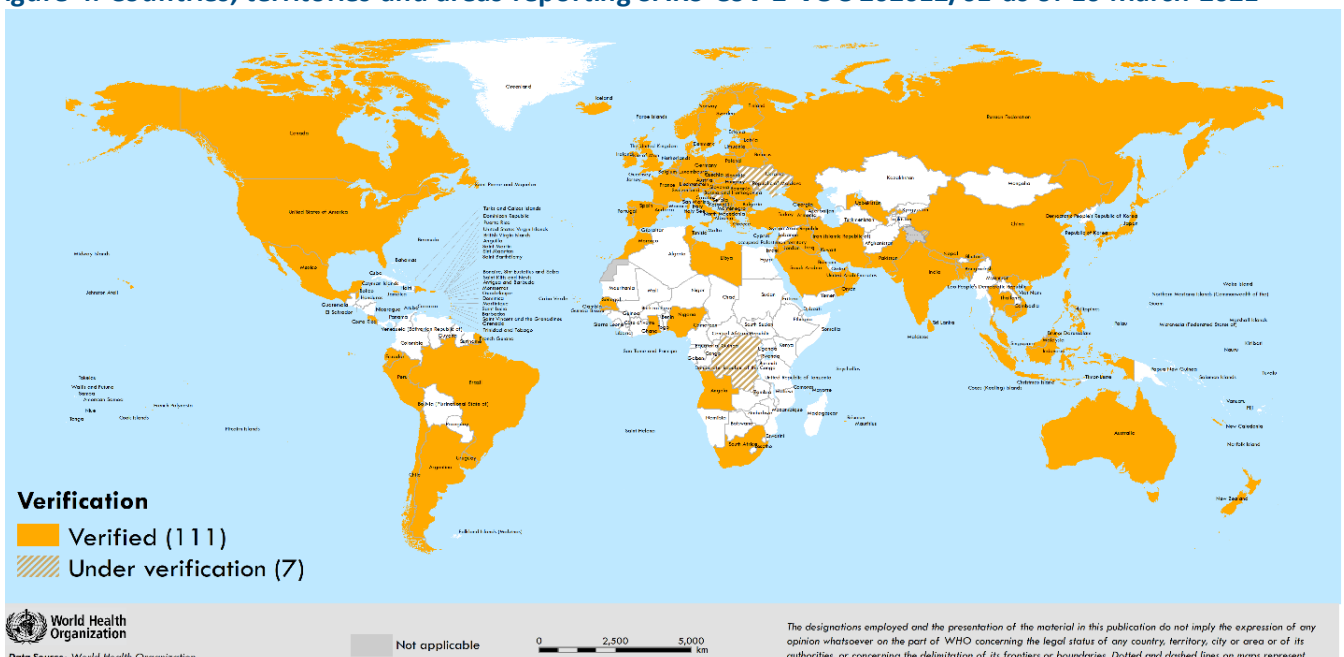


Figure 5. Countries, territories and areas reporting SARS-CoV-2 variant 501Y.V2 as of 16 March 2021

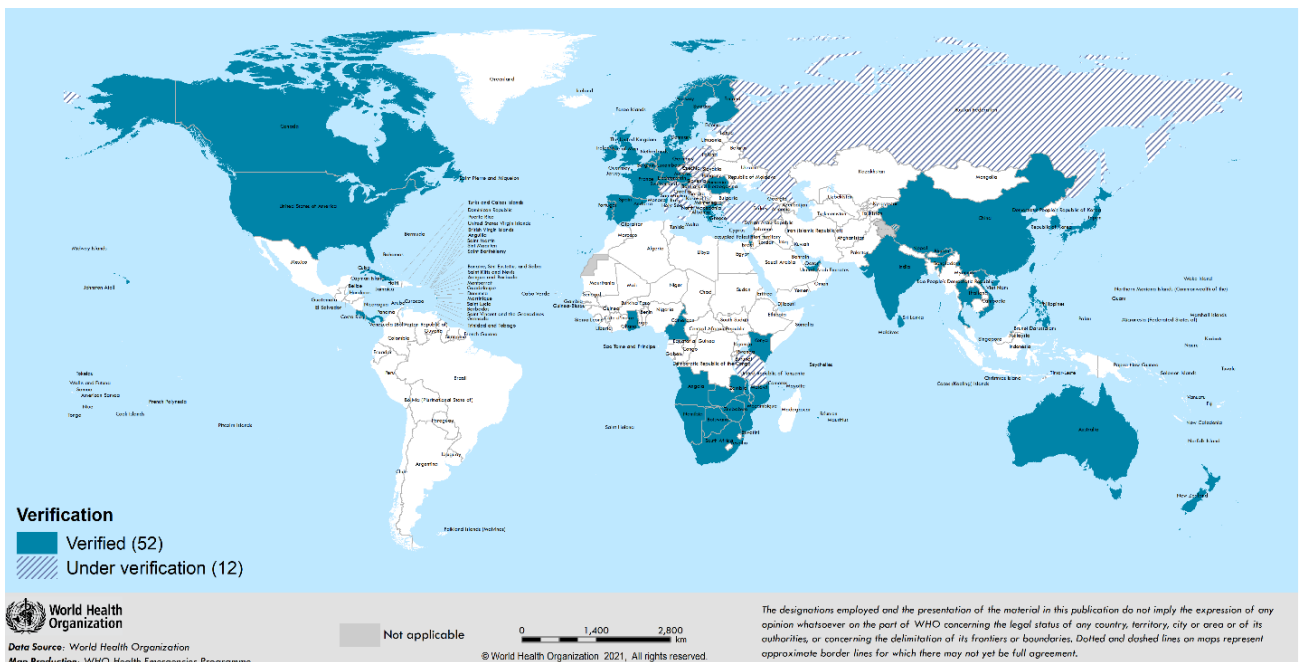
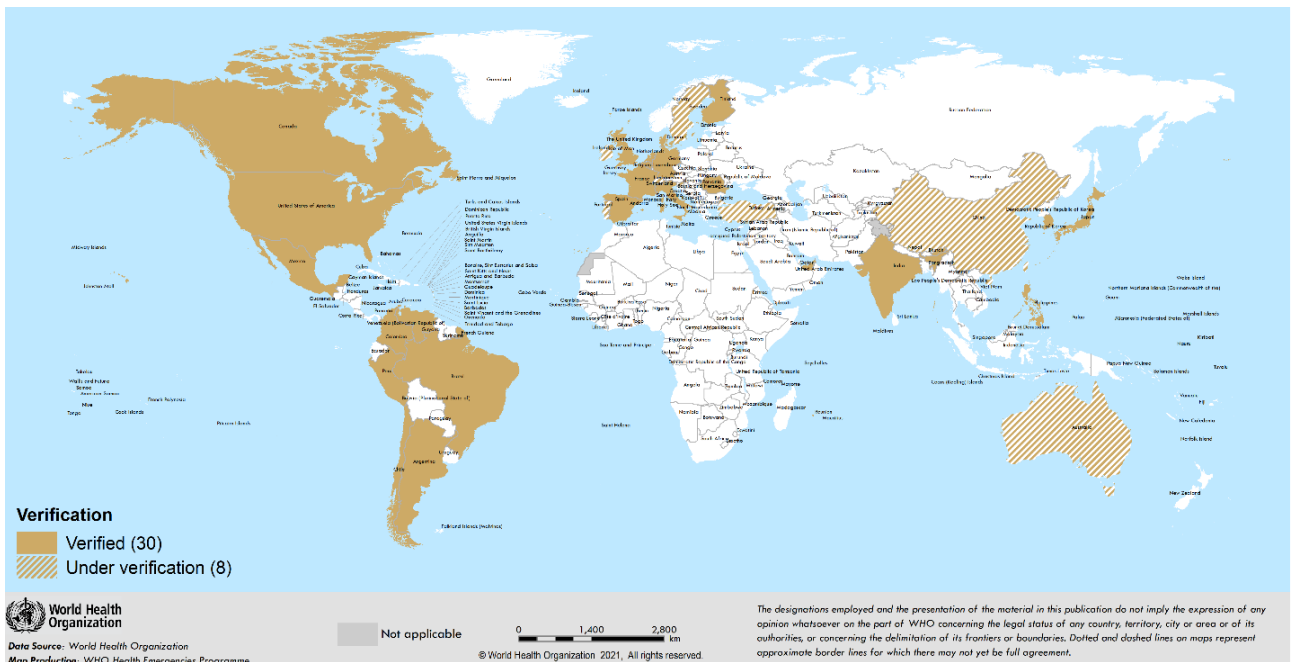


Figure 6. Countries, territories and areas reporting SARS-CoV-2 variant P.1 as of 16 March 2021



Emerging variants of interest (VOIs)

All viruses, including SARS-CoV-2, change over time resulting in the emergence of new variants, most without a direct benefit to the virus or other public health impacts. WHO, in collaboration with national authorities, institutions and researchers, routinely assesses if variants of SARS-CoV-2 result in changes in transmissibility, clinical presentation and severity, or if they impact on public health and social measures (PHSM). Systems have been established to detect “signals” of potential variants of interest or concern, as well as unusual events potentially associated with a variant, and assess these based on the risk posed to global public health (see also [working definitions](#)). Such signals are currently under assessment, and as new variants of interest VOIs or VOCs are determined, WHO is committed to highlighting these to support prioritization for further monitoring and assessment.

A SARS-CoV-2 variant, labelled CAL.20C/L452R (based upon the NextStrain subclade and key mutation), spanning PANGO lineages B.1.427 and B.1.429, has been designated as a VOI by WHO based on recent assessments and emerging evidence. This variant is characterized by a combination of three mutations in the receptor binding domain (RBD), namely S13I, W152C, L452R, of which the focus is on the L452R mutation. It was first detected during a local increase in COVID-19 cases in California, United States of America in June 2020. Surveillance has shown that it has since contributed to a substantive proportion of local COVID-19 cases in California, and has been detected in all US states and at least 26 other countries to date¹⁻⁴. Outside of the US, reported detections of this VOI are currently limited to a relatively low number of sequences, suggesting it has not yet resulted in widespread disease in other countries.

The assessment as a VOI follows preliminary, emerging evidence that this variant may be associated with phenotypic impacts which may pose an increased public health risk and COVID-19 control measures compared to other variants. This includes a possible increase in transmissibility,¹ mixed findings on potentially higher infectivity (based on PCR cycle thresholds as a proxy),^{1,5,6} and a slight reduction in neutralization for sera from recovered patients clinically diagnosed with COVID-19 and in vaccine recipients.^{1,7} The L452R mutation has been associated with a reduction in neutralization of monoclonal antibodies but further investigations are ongoing^{8,9}. The impact of this variant on disease severity is under investigation. These are preliminary findings, include non-peer review studies, and require further investigations. WHO is working with US Centers for Disease Control and Prevention (CDC) and the WHO Virus Evolution Working Group to further assess this VOI.

WHO recommendations and working definitions of VOI and VOC

The potential for virus mutation increases with the frequency of human and animal infections. Therefore, reducing transmission of all circulating SARS-CoV-2 viruses and variants by using established disease control methods, are critical aspects of the global strategy to reduce the occurrence of mutations that have negative public health implications. PHSM and infection prevention and control measures inside and outside of health facilities remain critically important to curb the spread of SARS-CoV-2, including newly reported variants. Evidence from multiple countries with extensive transmission of VOCs has indicated that the implementation of physical distancing and other PHSM, as well as infection prevention and control (IPC) measures in health facilities, has been effective in reducing COVID-19 case incidence, which has led to a reduction in hospitalizations and deaths among COVID-19 patients. Findings from new studies evaluating transmission, severity and impact on medical countermeasures will continue to help inform PHSM and IPC measures employed by Member States. National and local authorities are encouraged to continue strengthening existing PHSM, IPC and disease control activities, including epidemiological surveillance, strategic testing, and systematic sequencing of SARS-CoV-2 where feasible.

On 25 February 2021, [proposed working definitions of SARS-CoV-2 Variants of Interest and Variants of Concern](#) were published. As SARS-CoV-2 is continuously evolving, and new signals of potential VOIs and VOCs are frequently detected, WHO aims to assess potential VOCs based on the risk posed to global public health. National authorities may choose to designate other variants of local interest/concern as every local situation is unique, with different variants circulating, requiring surveillance and response systems to adapt to their local epidemiological situation.

If potential VOIs or VOCs are detected, Member States are requested to inform WHO through established WHO Country or Regional Office reporting channels, submit genome sequences to publicly available databases (e.g., GISAID), and perform field and laboratory investigations (where appropriate) to improve understanding of potential impacts.

Additional resources

- [Genomic sequencing of SARS-CoV-2: a guide to implementation for maximum impact on public health](#)
- [Considerations for implementing and adjusting PHSM in the context of COVID-19](#)
- [Proposed working definitions of SARS-CoV-2 Variants of Interest and Variants of Concern](#)
- [Disease Outbreak News on SARS-CoV-2 Variants, 31 December 2020](#)

References

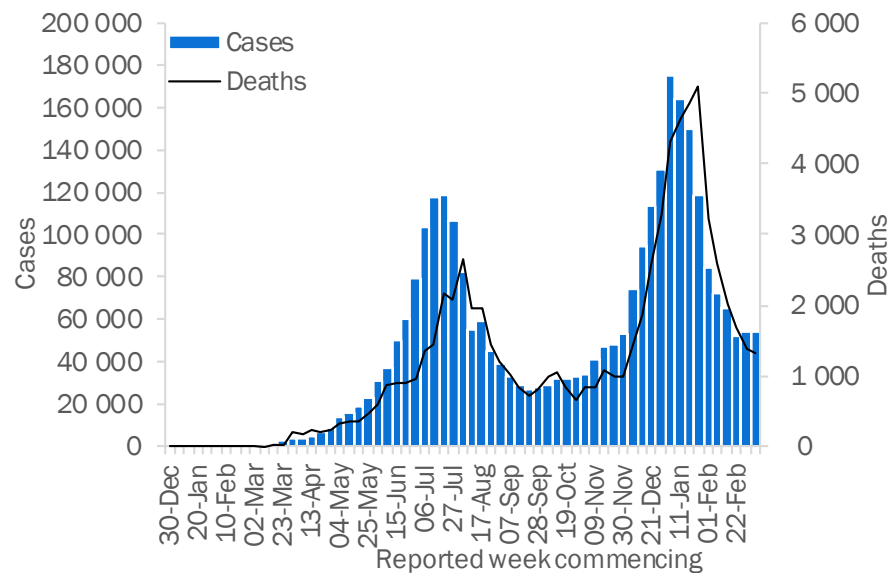
1. Deng X, et al. Transmission, infectivity, and antibody neutralization of an emerging SARS-CoV-2 variant in California carrying a L452R spike protein mutation. medRxiv. Available at: <https://www.medrxiv.org/content/10.1101/2021.03.07.21252647v1> (preprint)
2. Latif AA, et al. B.1.427 Lineage Report. Outbreak.info. Available at: <https://outbreak.info/situation-reports?pango=B.1.427&country=United%20States&division=California&selected=California&selectedType=division>
3. Latif AA, et al. B.1.429 Lineage Report. Outbreak.info. Available at: <https://outbreak.info/situation-reports?pango=B.1.429&country=United%20States&division=California&selected=California&selectedType=division>
4. O'Toole A et al. Pangolin: lineage assignment in an emerging pandemic as an epidemiological tool. Available at: <https://cov-lineages.org/>
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9. Starr TN et al. Complete map of SARS-CoV-2 RBD mutations that escape the monoclonal antibody LY-CoV555 and its cocktail with LY-CoV016. bioRxiv. Available at: <https://www.biorxiv.org/content/10.1101/2021.02.17.431683v1.full> (preprint)

WHO regional overviews

African Region

The African Region reported over 54 000 new cases, a number similar to last week, while deaths decreased by 6% compared to the previous week with just over 1300 deaths reported. The decreasing trend in deaths has been observed since early February 2021. The highest numbers of new cases were reported from Ethiopia (9025 new cases; 7.9 new cases per 100 000 population; a 29% increase), South Africa (8208 new cases; 13.8 new cases per 100 000; a 3% increase), and Kenya (5476 new cases; 10.2 new cases per 100 000; a 226% increase).

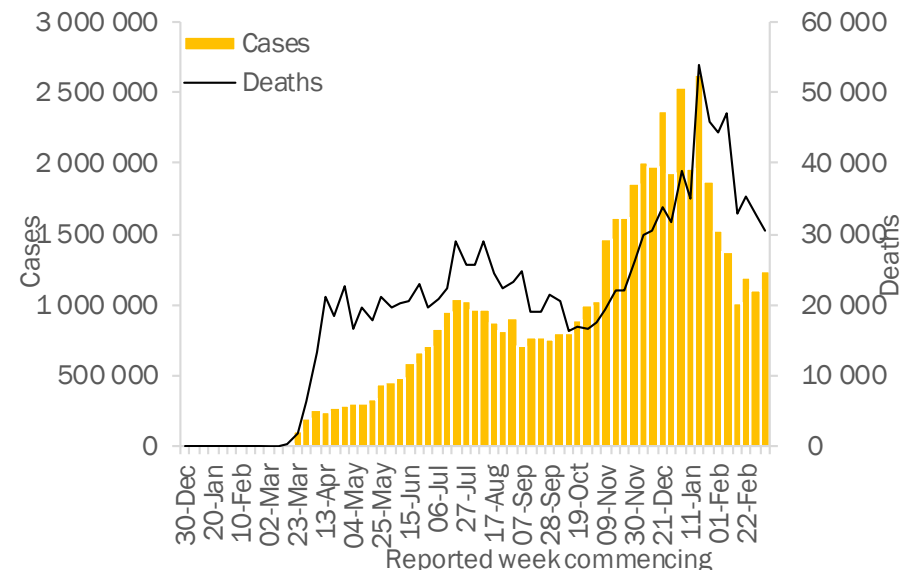
The highest numbers of new deaths were reported from South Africa (614 new deaths; 1.0 new deaths per 100 000 population; a 13% decrease), Ethiopia (120 new deaths; 0.1 new deaths per 100 000; an 82% increase), and Botswana (65 new deaths; 2.8 new deaths per 100 000; a 33% increase).



Region of the Americas

The Region of the Americas reported over 1.2 million new cases and over 30 000 new deaths, a 13% increase and a 6% decrease respectively compared to the previous week. Deaths continued to decrease for the second consecutive week. The highest numbers of new cases were reported from Brazil (494 153 new cases; 232.5 new cases per 100 000; a 20% increase), the United States of America (461 190 new cases; 139.3 new cases per 100 000; an 8% increase), and Peru (52 763 new cases; 160.0 new cases per 100 000; a 58% increase).

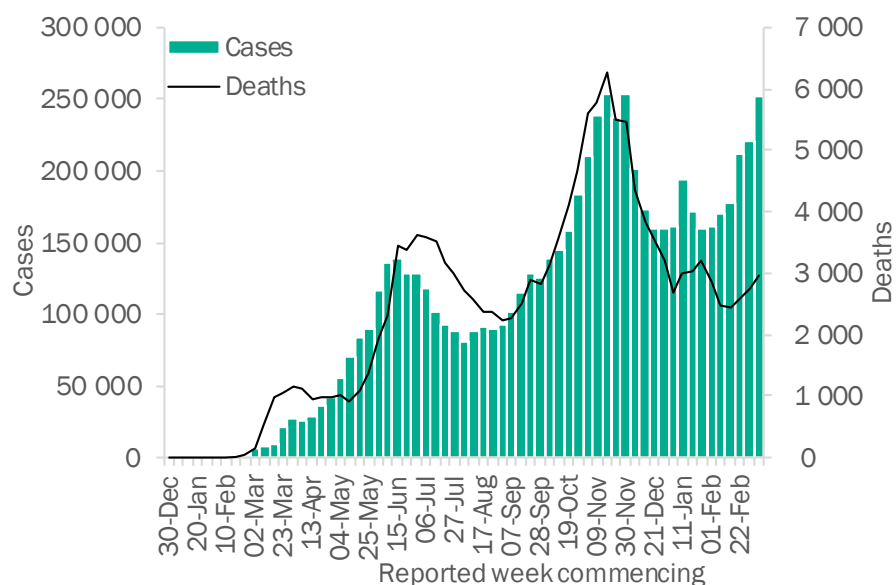
The highest numbers of new deaths were reported from Brazil (12 335 new deaths; 5.8 new deaths per 100 000; a 24% increase), the United States of America (9381 new deaths; 2.8 new deaths per 100 000; a 24% decrease), and Mexico (4273 new deaths; 3.3 new deaths per 100 000; a 16% decrease). These three countries accounted for 85% of deaths reported in the Americas this week.



Eastern Mediterranean Region

The Eastern Mediterranean Region reported over 251 000 new cases and just under 3000 new deaths, a 14% and a 7% increase respectively compared to the previous week. New weekly cases have increased for the past five weeks and deaths have increased for the past three weeks. The highest numbers of new cases were reported from the Islamic Republic of Iran (65 890 new cases; 78.4 new cases per 100 000; a 31% increase), Jordan (47 585 new cases; 466.4 new cases per 100 000; a 36% increase), and Iraq (31 129 new cases; 77.4 new cases per 100 000; a 1% increase).

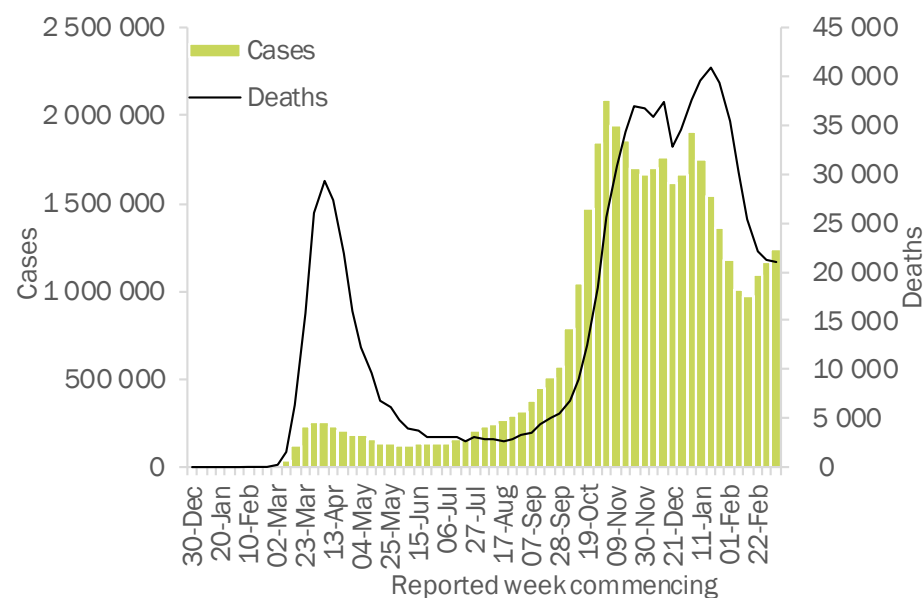
The highest numbers of new deaths were reported from the Islamic Republic of Iran (630 new deaths; 0.8 new deaths per 100 000; an 18% increase), Jordan (385 new deaths; 3.8 new deaths per 100 000; a 71% increase), and Lebanon (321 new deaths; 4.7 new deaths per 100 000; an 11% decrease).



European Region

The European Region reported over 1.2 million new cases and just under 21 000 new deaths, a 6% increase and a 1% decrease respectively compared to the previous week. Cases in the Region have been steadily increasing over the past three weeks while trends in new deaths have been consistently declining for the past eight weeks. The highest numbers of new cases were reported from France (161 159 new cases; 246.9 new cases per 100 000; a 12% increase), Italy (155 076 new cases; 256.5 new cases per 100 000; a 12% increase), and Poland (111 718 new cases; 295.2 new cases per 100 000; a 27% increase).

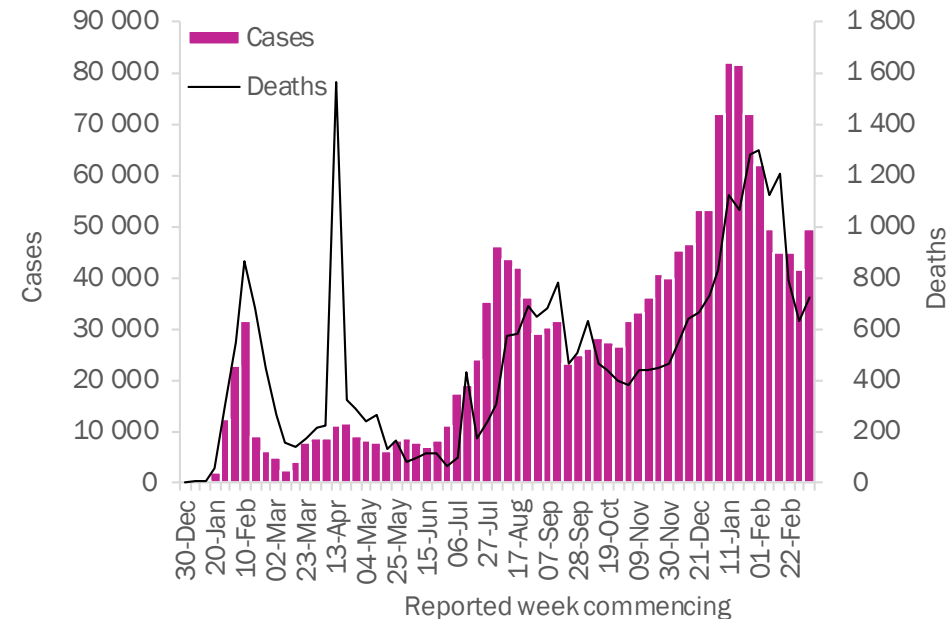
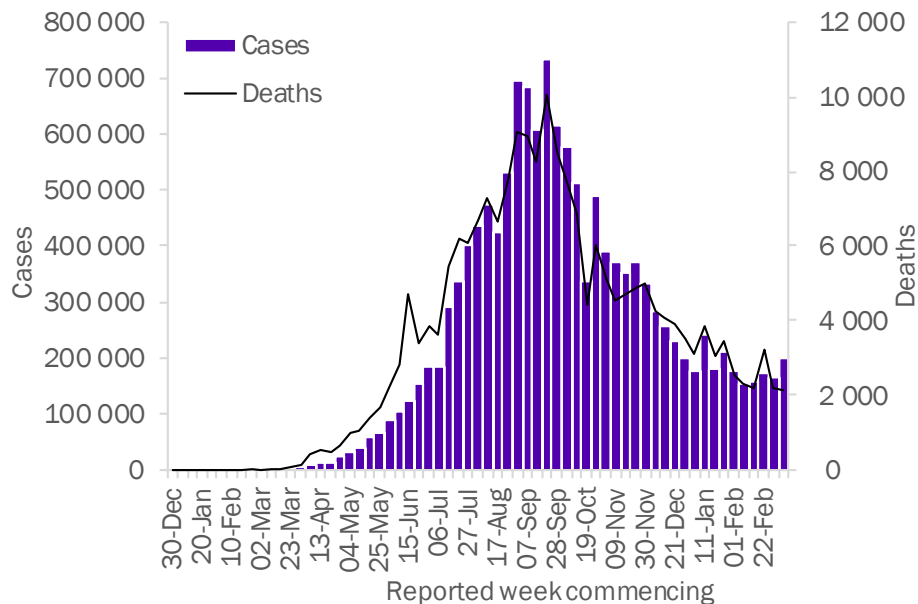
The highest numbers of new deaths were reported from the Russian Federation (2990 new deaths; 2.0 new deaths per 100 000; similar to the previous week), Italy (2303 new deaths; 3.8 new deaths per 100 000; an 11% increase), and Poland (1893 new deaths; 5.0 new deaths per 100 000; a 25% increase).



South-East Asia Region

The South-East Asia Region reported just under 200 000 new cases and just over 2100 new deaths, a 19% increase and a 3% decrease respectively compared to the previous week. The highest numbers of new cases were reported from India (148 249 new cases; 10.7 new cases per 100 000; a 30% increase), Indonesia (40 905 new cases; 15.0 new cases per 100 000; a 9% decrease), and Bangladesh (6512 new cases; 4.0 new cases per 100 000; a 67% increase).

The highest numbers of new deaths were reported from Indonesia (1175 new deaths; 0.4 new deaths per 100 000; similar to the previous week), India (851 new deaths; 0.1 new deaths per 100 000; a 21% increase), and Bangladesh (76 new deaths; <0.1 new deaths per 100 000; a 49% increase).



Western Pacific Region

The Western Pacific Region reported just under 50 000 new cases and over 700 new deaths, a 19% and a 14% increase respectively compared to the previous week. This is the first time in seven weeks that an increase in new cases has been reported with new deaths also showing an uptick. The highest numbers of new cases were reported from the Philippines (25 473 new cases; 23.2 new cases per 100 000; a 51% increase), Malaysia (10 632 new cases; 32.8 new cases per 100 000; a 21% decrease), and Japan (7917 new cases; 6.3 new cases per 100 000; a 10% increase).

The highest numbers of new deaths were reported from Japan (333 new deaths; 0.3 new deaths per 100 000; a 9% decrease), the Philippines (301 new deaths; 0.3 new deaths per 100 000; a 71% increase), and Malaysia (40 new deaths; 0.1 new deaths per 100 000; an 11% decrease).

Key weekly updates

WHO Director-General's key message

[Opening remarks at the media briefing on COVID-19 – 12 March 2021](#): *The inequitable distribution of vaccines remains the biggest threat to ending the pandemic and driving a global recovery.*

International Women's Day: Women and COVID-19

- [WHO signs MoU with Women in Global Health on International Women's Day](#)
- [Devastatingly pervasive: 1 in 3 women globally experience violence](#)
- [Women scientists capture public attention as COVID-19 rages across the world](#)

COVID-19 Vaccines

- [Waive COVID vaccine patents to put world on war footing](#)
- [WHO adds Janssen vaccine to list of safe and effective emergency tools against COVID-19](#)
- [GACVS COVID-19 Vaccine Safety subcommittee meeting to review reports on influenza-like illness in individuals vaccinated with COVID-19 vaccines](#)

COVID-19 Solidarity Response Fund

- [COVID-19 Solidarity Response Fund marks first anniversary and appeals for continued support](#)

ACT Accelerator strategy and budget

- [ACT-Accelerator releases prioritised strategy and budget for 2021 to change the course of the evolving COVID-19 pandemic](#)

Technical guidance and other resources

- [Technical guidance](#)
- [WHO Coronavirus Disease \(COVID-19\) Dashboard](#)
- [Weekly COVID-19 Operational Updates](#)
- [WHO COVID-19 case definitions](#)
- [COVID-19 Supply Chain Inter-Agency Coordination Cell Weekly Situational Update](#)
- [Research and Development](#)
- [Online courses on COVID-19](#) in official UN languages and in [additional national languages](#)
- [The Strategic Preparedness and Response Plan \(SPRP\)](#) outlining the support the international community can provide to all countries to prepare and respond to the virus
- Updates from WHO regions:
 - [African Region](#)
 - [Region of the Americas](#)
 - [Eastern Mediterranean Region](#)
 - [South-East Asia Region](#)
 - [European Region](#)
 - [Western Pacific Region](#)
- Recommendations and advice for the public:
 - [Protect yourself](#)
 - [Questions and answers](#)
 - [Travel advice](#)
- [EPI-WIN: tailored information for individuals, organizations and communities](#)

Annex

Annex 1. COVID-19 confirmed cases and deaths reported in the last seven days by countries, territories and areas, and WHO Region, as of 14 March 2021**

Reporting Country/Territory/Area ⁱ	New cases in last 7 days	Cumulative cases	Cumulative cases per 100 thousand population	New deaths in last 7 days	Cumulative deaths	Cumulative deaths per 100 thousand population	Transmission classification ⁱⁱ
Africa	54 225	2 948 236	262.8	1 309	74 685	6.7	
Ethiopia	9 025	174 054	151.4	120	2 540	2.2	Community transmission
South Africa	8 208	1 528 414	2 577.0	614	51 261	86.4	Community transmission
Kenya	5 476	112 805	209.8	38	1 908	3.5	Community transmission
Cameroon	3 274	38 988	146.9	37	588	2.2	Community transmission
Zambia	2 463	84 474	459.5	37	1 153	6.3	Community transmission
Botswana	2 440	34 098	1 450.0	65	424	18.0	Community transmission
Côte d'Ivoire	2 369	37 304	141.4	11	211	0.8	Community transmission
Nigeria	2 300	160 537	77.9	49	2 013	1.0	Community transmission
Mozambique	2 165	64 296	205.7	36	722	2.3	Community transmission
Ghana	1 670	87 762	282.4	45	685	2.2	Community transmission
Namibia	1 559	41 025	1 614.6	22	458	18.0	Community transmission
Madagascar	1 201	21 356	77.1	26	326	1.2	Community transmission
Gabon	1 143	16 660	748.5	6	96	4.3	Community transmission
Senegal	1 094	36 726	219.3	47	955	5.7	Community transmission
Guinea	1 052	17 592	134.0	9	102	0.8	Community transmission
Algeria	1 039	115 143	262.6	24	3 034	6.9	Community transmission
South Sudan	752	9 429	84.2	2	104	0.9	Community transmission
Rwanda	717	20 143	155.5	9	276	2.1	Community transmission
Togo	528	8 049	97.2	3	93	1.1	Community transmission
Democratic Republic of the Congo	469	26 937	30.1	5	717	0.8	Community transmission
Benin	430	6 501	53.6	6	81	0.7	Community transmission
Malawi	391	32 789	171.4	15	1 082	5.7	Community transmission
Mali	353	8 862	43.8	2	360	1.8	Community transmission

Reporting Country/Territory/Area ⁱ	New cases in last 7 days	Cumulative cases	Cumulative cases per 100 thousand population	New deaths in last 7 days	Cumulative deaths	Cumulative deaths per 100 thousand population	Transmission classification ⁱⁱ
Cabo Verde	311	16 035	2 884.1	4	156	28.1	Community transmission
Angola	268	21 323	64.9	8	520	1.6	Community transmission
Equatorial Guinea	233	6 562	467.7	2	98	7.0	Community transmission
Seychelles	223	3 173	3 226.3	1	15	15.3	Community transmission
Zimbabwe	211	36 471	245.4	16	1 501	10.1	Community transmission
Burkina Faso	197	12 350	59.1	1	144	0.7	Community transmission
Gambia	180	4 939	204.4	1	153	6.3	Community transmission
Congo	150	9 329	169.1	0	131	2.4	Community transmission
Burundi	142	2 441	20.5	0	3	0.0	Community transmission
Sao Tome and Principe	140	2 078	948.2	1	32	14.6	Community transmission
Chad	127	4 288	26.1	13	153	0.9	Community transmission
Guinea-Bissau	124	3 436	174.6	3	52	2.6	Community transmission
Niger	117	4 857	20.1	9	181	0.7	Community transmission
Eritrea	116	3 038	85.7	0	7	0.2	Community transmission
Mauritania	101	17 410	374.4	0	442	9.5	Community transmission
Uganda	92	40 544	88.6	0	334	0.7	Community transmission
Mauritius	71	691	54.3	0	10	0.8	Clusters of cases
Eswatini	61	17 234	1 485.5	3	661	57.0	Community transmission
Comoros	32	3 623	416.6	1	146	16.8	Community transmission
Sierra Leone	19	3 937	49.4	0	79	1.0	Community transmission
Lesotho	8	10 530	491.5	2	309	14.4	Community transmission
Liberia	6	2 030	40.1	0	85	1.7	Community transmission
Central African Republic	0	5 021	104.0	0	63	1.3	Community transmission
United Republic of Tanzania	0	509	0.9	0	21	0.0	Pending
Territoriesⁱⁱⁱ							
Réunion	676	13 801	1 541.5	12	71	7.9	Community transmission
Mayotte	502	18 642	6 833.2	4	129	47.3	Community transmission

Reporting Country/Territory/Area ⁱ	New cases in last 7 days	Cumulative cases	Cumulative cases per 100 thousand population	New deaths in last 7 days	Cumulative deaths	Cumulative deaths per 100 thousand population	Transmission classification ⁱⁱ
Americas	1 241 439	52 763 406	5 158.8	30 596	1 268 186	124.0	
Brazil	494 153	11 363 380	5 346.0	12 335	275 105	129.4	Community transmission
United States of America	461 190	29 063 401	8 780.4	9 381	528 456	159.7	Community transmission
Peru	52 763	1 402 610	4 254.0	1 358	48 664	147.6	Community transmission
Argentina	45 311	2 192 025	4 850.1	776	53 646	118.7	Community transmission
Mexico	38 466	2 157 771	1 673.6	4 273	193 851	150.4	Community transmission
Chile	34 896	885 379	4 631.6	566	21 574	112.9	Community transmission
Colombia	25 035	2 294 617	4 509.6	650	60 950	119.8	Community transmission
Canada	21 472	903 233	2 393.2	212	22 404	59.4	Community transmission
Paraguay	11 782	177 593	2 489.9	158	3 436	48.2	Community transmission
Ecuador	7 723	300 666	1 704.2	195	16 215	91.9	Community transmission
Uruguay	7 145	69 074	1 988.5	52	689	19.8	Community transmission
Cuba	6 473	60 558	534.7	25	366	3.2	Community transmission
Bolivia (Plurinational State of)	5 027	258 324	2 213.0	114	11 903	102.0	Community transmission
Jamaica	4 609	29 912	1 010.1	38	484	16.3	Community transmission
Honduras	4 148	177 168	1 788.7	78	4 325	43.7	Community transmission
Guatemala	3 637	181 974	1 015.7	79	6 546	36.5	Community transmission
Panama	3 483	347 226	8 047.4	74	5 981	138.6	Community transmission
Venezuela (Bolivarian Republic of)	3 430	144 786	509.2	51	1 422	5.0	Community transmission
Dominican Republic	2 956	245 616	2 264.2	51	3 213	29.6	Community transmission
Costa Rica	2 453	209 093	4 104.6	29	2 862	56.2	Community transmission
El Salvador	1 286	62 086	957.2	51	1 945	30.0	Community transmission
Guyana	340	9 069	1 153.0	6	206	26.2	Clusters of cases
Saint Lucia	175	3 989	2 172.3	5	48	26.1	Community transmission
Barbados	174	3 391	1 180.0	0	37	12.9	Community transmission
Antigua and Barbuda	149	962	982.3	6	27	27.6	Clusters of cases

Reporting Country/Territory/Area ⁱ	New cases in last 7 days	Cumulative cases	Cumulative cases per 100 thousand population	New deaths in last 7 days	Cumulative deaths	Cumulative deaths per 100 thousand population	Transmission classification ⁱⁱ
Haiti	96	12 632	110.8	0	250	2.2	Community transmission
Bahamas	64	8 680	2 207.3	3	185	47.0	Clusters of cases
Suriname	46	9 012	1 536.2	1	176	30.0	Clusters of cases
Nicaragua	40	5 216	78.7	1	175	2.6	Community transmission
Trinidad and Tobago	40	7 769	555.1	1	140	10.0	Community transmission
Belize	35	12 370	3 110.9	1	316	79.5	Community transmission
Saint Vincent and the Grenadines	22	1 680	1 514.3	0	8	7.2	Community transmission
Dominica	12	156	216.7	0	0	0.0	Clusters of cases
Saint Kitts and Nevis	2	43	80.8	0	0	0.0	Sporadic cases
Grenada	0	151	134.2	0	1	0.9	Sporadic cases
Territoriesⁱⁱⁱ							
Puerto Rico	1 501	102 567	3 585.2	21	2 077	72.6	Community transmission
Guadeloupe	267	10 725	2 680.4	0	168	42.0	Community transmission
Aruba	263	8 272	7 747.8	2	77	72.1	Community transmission
Bonaire	178	633	3 026.5	1	6	28.7	Community transmission
Curaçao	164	4 915	2 995.3	0	22	13.4	Community transmission
Martinique	151	7 037	1 875.2	0	47	12.5	Community transmission
French Guiana	71	16 764	5 612.7	0	87	29.1	Community transmission
Saint Barthélemy	54	725	7 334.3	1	1	10.1	Clusters of cases
United States Virgin Islands	53	2 767	2 649.7	0	25	23.9	Community transmission
Saint Martin	31	1 612	4 169.8	0	12	31.0	Community transmission
Turks and Caicos Islands	28	2 200	5 682.1	1	15	38.7	Clusters of cases
Cayman Islands	17	468	712.1	0	2	3.0	Sporadic cases
Bermuda	13	735	1 180.3	0	12	19.3	Sporadic cases
Sint Maarten	12	2 078	4 845.9	0	27	63.0	Community transmission
Anguilla	3	21	140.0	0	0	0.0	Sporadic cases
British Virgin Islands	0	154	509.3	0	1	3.3	Clusters of cases

Reporting Country/Territory/Area ⁱ	New cases in last 7 days	Cumulative cases	Cumulative cases per 100 thousand population	New deaths in last 7 days	Cumulative deaths	Cumulative deaths per 100 thousand population	Transmission classification ⁱⁱ
Falkland Islands (Malvinas)	0	51	1 464.3	0	0	0.0	No cases
Montserrat	0	20	400.1	0	1	20.0	Sporadic cases
Saba	0	6	310.4	0	0	0.0	No cases
Saint Pierre and Miquelon	0	24	414.2	0	0	0.0	No cases
Sint Eustatius	0	20	637.1	0	0	0.0	No cases
Eastern Mediterranean	251 375	6 860 070	938.7	2 955	150 173	20.5	
Iran (Islamic Republic of)	65 890	1 739 360	2 070.8	630	61 142	72.8	Community transmission
Jordan	47 585	469 000	4 596.6	385	5 285	51.8	Community transmission
Iraq	31 129	754 318	1 875.4	171	13 719	34.1	Community transmission
Lebanon	22 151	415 362	6 085.5	321	5 334	78.1	Community transmission
United Arab Emirates	16 169	424 405	4 291.1	78	1 388	14.0	Community transmission
Pakistan	13 808	602 536	272.8	310	13 476	6.1	Community transmission
Kuwait	9 032	208 460	4 881.3	45	1 165	27.3	Community transmission
Libya	6 161	143 643	2 090.5	112	2 348	34.2	Community transmission
Egypt	4 358	190 280	185.9	302	11 256	11.0	Clusters of cases
Bahrain	4 278	130 404	7 663.7	12	481	28.3	Clusters of cases
Tunisia	4 229	241 257	2 041.3	192	8 359	70.7	Community transmission
Qatar	3 292	169 767	5 892.5	3	265	9.2	Community transmission
Morocco	2 658	488 632	1 323.8	42	8 718	23.6	Clusters of cases
Oman	2 361	145 257	2 844.5	17	1 600	31.3	Community transmission
Saudi Arabia	2 234	381 708	1 096.4	32	6 556	18.8	Sporadic cases
Somalia	905	8 946	56.3	55	349	2.2	Community transmission
Syrian Arab Republic	476	16 401	93.7	36	1 094	6.3	Community transmission
Yemen	327	2 775	9.3	33	684	2.3	Community transmission
Sudan	266	30 873	70.4	29	1 940	4.4	Community transmission
Afghanistan	138	55 985	143.8	8	2 457	6.3	Clusters of cases
Djibouti	118	6 252	632.8	0	63	6.4	Community transmission

Reporting Country/Territory/Area ⁱ	New cases in last 7 days	Cumulative cases	Cumulative cases per 100 thousand population	New deaths in last 7 days	Cumulative deaths	Cumulative deaths per 100 thousand population	Transmission classification ⁱⁱ
Territoriesⁱⁱⁱ							
occupied Palestinian territory	13 810	234 449	4 595.8	142	2 494	48.9	Community transmission
Europe	1 236 697	41 043 949	4 397.2	20 977	906 843	97.2	
France	161 159	3 975 989	6 091.3	1 828	89 800	137.6	Community transmission
Italy	155 076	3 201 838	5 295.6	2 303	101 881	168.5	Clusters of cases
Poland	111 718	1 906 632	5 037.8	1 893	47 178	124.7	Community transmission
Turkey	96 782	2 866 012	3 398.2	456	29 421	34.9	Community transmission
Czechia	77 747	1 399 078	13 064.5	1 509	23 226	216.9	Community transmission
Germany	69 063	2 569 245	3 066.5	1 471	73 371	87.6	Community transmission
Russian Federation	67 832	4 390 608	3 008.6	2 990	92 090	63.1	Clusters of cases
Ukraine	59 528	1 460 756	3 340.1	1 281	28 303	64.7	Community transmission
Hungary	50 473	516 490	5 346.5	1 079	16 952	175.5	Community transmission
The United Kingdom	40 477	4 253 824	6 266.1	1 045	125 464	184.8	Community transmission
Netherlands	35 811	1 151 180	6 718.3	243	16 045	93.6	Community transmission
Romania	30 331	855 326	4 446.1	585	21 439	111.4	Community transmission
Serbia	29 654	512 051	7 353.1	152	4 694	67.4	Community transmission
Sweden	23 431	712 527	7 055.2	30	13 146	130.2	Community transmission
Belgium	19 397	808 283	6 974.2	167	22 441	193.6	Community transmission
Austria	18 468	488 007	5 418.4	123	8 652	96.1	Community transmission
Spain	18 078	3 183 704	6 809.4	308	72 258	154.5	Community transmission
Bulgaria	18 067	277 878	3 999.1	641	11 234	161.7	Clusters of cases
Greece	15 543	219 521	2 106.1	333	7 038	67.5	Community transmission
Slovakia	14 113	337 503	6 181.8	692	8 528	156.2	Clusters of cases
Estonia	9 804	84 807	6 393.1	66	719	54.2	Clusters of cases
Republic of Moldova	9 105	203 710	5 049.9	203	4 294	106.4	Community transmission
Israel	7 903	806 257	9 314.9	62	5 925	68.5	Community transmission
Belarus	6 896	301 328	3 188.9	58	2 087	22.1	Community transmission

Reporting Country/Territory/Area ⁱ	New cases in last 7 days	Cumulative cases	Cumulative cases per 100 thousand population	New deaths in last 7 days	Cumulative deaths	Cumulative deaths per 100 thousand population	Transmission classification ⁱⁱ
Bosnia and Herzegovina	6 720	143 218	4 365.3	241	5 488	167.3	Community transmission
Switzerland	5 937	567 967	6 562.6	37	9 359	108.1	Community transmission
Denmark	5 592	219 918	3 796.8	13	2 390	41.3	Community transmission
North Macedonia	5 275	112 107	5 381.0	115	3 300	158.4	Community transmission
Kazakhstan	5 194	273 521	1 456.7	67	3 456	18.4	Clusters of cases
Slovenia	4 765	199 855	9 613.3	26	4 218	202.9	Clusters of cases
Albania	4 735	116 813	4 059.1	112	2 030	70.5	Clusters of cases
Norway	4 547	78 040	1 439.5	7	639	11.8	Community transmission
Croatia	4 531	251 045	6 115.2	87	5 677	138.3	Community transmission
Portugal	4 304	813 716	7 980.2	157	16 669	163.5	Clusters of cases
Finland	3 943	66 006	1 191.3	19	786	14.2	Community transmission
Armenia	3 706	178 385	6 019.9	34	3 255	109.8	Community transmission
Ireland	3 659	226 358	4 584.2	115	4 534	91.8	Community transmission
Montenegro	3 502	83 690	13 325.0	55	1 122	178.6	Clusters of cases
Latvia	3 475	93 484	4 956.2	70	1 757	93.2	Community transmission
Azerbaijan	3 327	239 692	2 364.0	38	3 276	32.3	Clusters of cases
Lithuania	3 171	205 385	7 544.6	68	3 396	124.7	Community transmission
Cyprus	2 702	39 277	3 253.1	6	238	19.7	Clusters of cases
Georgia	2 138	274 989	6 893.4	72	3 648	91.4	Community transmission
Malta	2 051	26 267	5 948.9	21	350	79.3	Clusters of cases
Luxembourg	1 194	57 700	9 217.6	31	688	109.9	Community transmission
Uzbekistan	391	80 567	240.7	0	622	1.9	Clusters of cases
Kyrgyzstan	300	86 850	1 331.2	10	1 481	22.7	Clusters of cases
Andorra	209	11 228	14 531.8	0	112	145.0	Community transmission
San Marino	204	4 126	12 157.5	1	77	226.9	Community transmission
Monaco	88	2 106	5 366.4	1	27	68.8	Sporadic cases
Iceland	13	6 072	1 779.4	0	29	8.5	Community transmission

Reporting Country/Territory/Area ⁱ	New cases in last 7 days	Cumulative cases	Cumulative cases per 100 thousand population	New deaths in last 7 days	Cumulative deaths	Cumulative deaths per 100 thousand population	Transmission classification ⁱⁱ
Liechtenstein	10	2 678	7 022.1	0	54	141.6	Sporadic cases
Holy See	0	26	3 213.8	0	0	0.0	Sporadic cases
Tajikistan	0	13 714	143.8	0	91	1.0	Pending
Territoriesⁱⁱⁱ							
Kosovo ^[1]	4 048	76 505	4 112.3	56	1 686	90.6	Community transmission
Isle of Man	486	1 092	1 284.2	0	25	29.4	No cases
Gibraltar	19	4 263	12 653.2	0	93	276.0	Clusters of cases
Faroe Islands	3	661	1 352.7	0	1	2.0	Sporadic cases
Jersey	2	3 222	2 961.4	0	69	63.4	Community transmission
Greenland	0	31	54.6	0	0	0.0	No cases
Guernsey	0	821	1 299.1	0	14	22.2	Community transmission
South-East Asia	199 924	13 884 294	686.9	2 141	212 355	10.5	
India	148 249	11 359 048	823.1	851	158 607	11.5	Clusters of cases
Indonesia	40 905	1 414 741	517.2	1 175	38 329	14.0	Community transmission
Bangladesh	6 512	556 236	337.7	76	8 527	5.2	Community transmission
Sri Lanka	2 264	87 600	409.1	33	526	2.5	Clusters of cases
Maldives	719	21 382	3 955.6	0	64	11.8	Clusters of cases
Thailand	557	26 927	38.6	1	86	0.1	Clusters of cases
Nepal	523	275 178	944.4	4	3 014	10.3	Clusters of cases
Myanmar	136	142 136	261.2	1	3 201	5.9	Clusters of cases
Timor-Leste	59	178	13.5	0	0	0.0	Clusters of cases
Bhutan	0	868	112.5	0	1	0.1	Sporadic cases
Western Pacific	49 553	1 711 830	87.1	720	30 357	1.5	
Philippines	25 473	616 611	562.7	301	12 766	11.6	Community transmission
Malaysia	10 632	322 409	996.1	40	1 206	3.7	Clusters of cases
Japan	7 917	446 873	353.3	333	8 560	6.8	Clusters of cases
Republic of Korea	3 164	95 635	186.5	35	1 669	3.3	Clusters of cases

Reporting Country/Territory/Area ⁱ	New cases in last 7 days	Cumulative cases	Cumulative cases per 100 thousand population	New deaths in last 7 days	Cumulative deaths	Cumulative deaths per 100 thousand population	Transmission classification ⁱⁱ
Mongolia	672	3 833	116.9	2	4	0.1	Clusters of cases
Papua New Guinea	590	2 173	24.3	5	21	0.2	Community transmission
Cambodia	318	1 305	7.8	1	1	0.0	Sporadic cases
China	269	102 333	7.0	1	4 849	0.3	Clusters of cases
Australia	82	29 112	114.2	0	909	3.6	Clusters of cases
Singapore	68	60 088	1 027.1	1	30	0.5	Sporadic cases
Viet Nam	44	2 553	2.6	0	35	0.0	Clusters of cases
New Zealand	24	2 067	42.9	0	26	0.5	Clusters of cases
Brunei Darussalam	3	192	43.9	0	3	0.7	Sporadic cases
Fiji	3	66	7.4	0	2	0.2	Sporadic cases
Lao People's Democratic Republic	2	49	0.7	0	0	0.0	Sporadic cases
Solomon Islands	0	18	2.6	0	0	0.0	No cases
Territoriesⁱⁱⁱ							
Wallis and Futuna	166	176	1 565.0	0	0	0.0	Sporadic cases
French Polynesia	68	18 527	6 595.4	1	141	50.2	Sporadic cases
New Caledonia	33	91	31.9	0	0	0.0	Sporadic cases
Guam	18	7 558	4 478.2	0	133	78.8	Clusters of cases
Northern Mariana Islands (Commonwealth of the)	5	150	260.6	0	2	3.5	Pending
Vanuatu	2	3	1.0	0	0	0.0	No cases
Marshall Islands	0	4	6.8	0	0	0.0	No cases
Samoa	0	4	2.0	0	0	0.0	No cases
Global	3 033 213	119 212 530	1 529.4	58 698	2 642 612	33.9	

*See *Annex: Data, table and figure notes*

Annex 2. List of countries/territories/areas reporting variants of concern as of 16 March 2021**

Country/Territory/Area	501Y.v2 (B.1.351)	P.1 (B.1.1.28)	VOC 202012/01 (B.1.1.7)
Albania			
Angola	Verified		Verified
Argentina		Verified	Verified
Aruba			Verified
Australia	Verified		Verified
Austria	Verified		Verified
Bahrain			
Bangladesh			Verified
Barbados			Verified
Belarus			
Belgium	Verified	Verified	Verified
Belize			Verified
Bonaire			Verified
Bosnia and Herzegovina			Not Verified
Botswana	Verified		
Brazil		Verified	Verified
Brunei Darussalam	Verified		
Bulgaria			Verified
Cabo Verde			Verified
Cambodia			Verified
Cameroon	Verified		
Canada	Verified	Verified	Verified
Cayman Islands			Verified
Chile		Verified	Verified
China	Verified	Not Verified	Verified
Colombia		Verified	
Comoros	Verified		

Country/Territory/Area	501Y.v2 (B.1.351)	P.1 (B.1.1.28)	VOC 202012/01 (B.1.1.7)
Costa Rica	Verified		Verified
Croatia	Not Verified		Verified
Cuba	Verified		
Curaçao			Verified
Cyprus			Verified
Czechia	Not Verified		Verified
Democratic Republic of the Congo			Not Verified
Denmark	Verified	Verified	Verified
Dominican Republic			Verified
Ecuador			Verified
Estonia	Not Verified		Verified
Faroe Islands		Verified	
Finland	Verified	Verified	Verified
France	Verified	Verified	Verified
French Guiana		Verified	Verified
French Polynesia			Verified
Gambia			Verified
Georgia			Verified
Germany	Verified	Verified	Verified
Ghana	Verified		Verified
Gibraltar			Not Verified
Greece	Verified		Verified
Guadeloupe			Verified
Hungary	Not Verified		Verified
Iceland			Verified
India	Verified	Verified	Verified
Indonesia			Verified

Country/Territory/Area	501Y.v2 (B.1.351)	P.1 (B.1.1.28)	VOC 202012/01 (B.1.1.7)
Iran (Islamic Republic of)			Verified
Iraq			Verified
Ireland	Verified	Not Verified	Verified
Israel	Verified		Verified
Italy	Not Verified	Verified	Verified
Jamaica			Verified
Japan	Verified	Verified	Verified
Jordan			Verified
Kenya	Verified		
Kosovo ^[1]			Verified
Kuwait			Verified
Latvia			Verified
Lebanon			Verified
Libya			Verified
Liechtenstein			Verified
Lithuania			Verified
Luxembourg	Verified		Verified
Malawi	Verified		
Malaysia			Verified
Malta	Not Verified		Verified
Martinique			Verified
Mayotte	Verified		Verified
Mexico		Verified	Verified
Monaco			
Montenegro			Verified
Morocco			Verified
Mozambique	Verified		
Namibia	Verified		
Nepal			Verified

Country/Territory/Area	501Y.v2 (B.1.351)	P.1 (B.1.1.28)	VOC 202012/01 (B.1.1.7)
Netherlands	Verified	Verified	Verified
New Caledonia			
New Zealand	Verified		Verified
Nigeria			Verified
North Macedonia			Verified
Norway	Verified		Verified
occupied Palestinian territory			Verified
Oman			Verified
Pakistan			Verified
Panama	Verified		
Peru		Verified	Verified
Philippines	Verified	Verified	Verified
Poland	Not Verified		Verified
Portugal	Verified	Not Verified	Verified
Puerto Rico			Verified
Republic of Korea	Verified	Verified	Verified
Republic of Moldova			
Réunion	Verified	Verified	Verified
Romania	Verified	Verified	Verified
Russian Federation			Verified
Saint Barthélemy			Verified
Saint Lucia			Verified
Saint Martin			Verified
Saudi Arabia			Verified
Senegal			Verified
Serbia			Verified
Singapore			Verified
Slovakia	Not Verified		Verified
Slovenia	Verified		Verified

Country/Territory/Area	501Y.v2 (B.1.351)	P.1 (B.1.1.28)	VOC 202012/01 (B.1.1.7)
South Africa	Verified		Verified
Spain	Verified	Verified	Verified
Sri Lanka			Verified
Sweden	Verified	Not Verified	Verified
Switzerland	Verified	Not Verified	Verified
Thailand	Verified		Verified
The United Kingdom	Verified	Verified	Verified
Trinidad and Tobago			Verified
Tunisia			Verified
Turkey	Not Verified	Not Verified	Verified
Turks and Caicos Islands			Verified

Country/Territory/Area	501Y.v2 (B.1.351)	P.1 (B.1.1.28)	VOC 202012/01 (B.1.1.7)
Ukraine			Not Verified
United Arab Emirates	Verified	Verified	Verified
United Republic of Tanzania	Not Verified		
United States of America	Verified	Verified	Verified
Uruguay			Verified
Uzbekistan			Verified
Venezuela (Bolivarian Republic of)		Verified	
Viet Nam	Verified		Verified
Wallis and Futuna			
Zambia	Verified		
Zimbabwe	Verified		

**See [Annex : Data, table and figure notes](#)

Annex 3. Data, table and figure notes

Data presented are based on official laboratory-confirmed COVID-19 case and deaths reported to WHO by country/territories/areas, largely based upon WHO [case definitions](#) and [surveillance guidance](#). While steps are taken to ensure accuracy and reliability, all data are subject to continuous verification and change, and caution must be taken when interpreting these data as several factors influence the counts presented, with variable underestimation of true case and death incidence, and variable delays to reflecting these data at global level. Case detection, inclusion criteria, testing strategies, reporting practices, and data cut-off and lag times differ between countries/territories/areas. A small number of countries/territories/areas report combined probable and laboratory-confirmed cases. Differences are to be expected between information products published by WHO, national public health authorities, and other sources. Due to public health authorities conducting data reconciliation exercises which remove large numbers of cases or deaths from their total counts, negative numbers may be displayed in the new cases/deaths columns as appropriate. When additional details become available that allow the subtractions to be suitably apportioned to previous days, graphics will be updated accordingly. A record of historic data adjustment made is available upon request by emailing epi-data-support@who.int. Please specify the country(ies) of interest, time period(s), and purpose of the request/intended usage. Prior situation reports will not be edited; see covid19.who.int for the most up-to-date data. Global totals include 745 cases and 13 deaths reported from international conveyances.

The designations employed, and the presentation of these materials do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement. Countries, territories and areas are arranged under the administering WHO region. The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by WHO in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

^[1] All references to Kosovo should be understood to be in the context of the United Nations Security Council resolution 1244 (1999). In the map, number of cases of Serbia and Kosovo (UNSCR 1244, 1999) have been aggregated for visualization purposes.

ⁱ Excludes countries, territories, and areas that have never reported a confirmed COVID-19 case (Annex 1), or the detection of a variant of concern (Annex 2).

ⁱⁱ Transmission classification is based on a process of country/territory/area self-reporting. Classifications are reviewed on a weekly basis and may be revised as new information becomes available. Differing degrees of transmission may be present within countries/territories/areas. For further information, please see: [Considerations for implementing and adjusting public health and social measures in the context of COVID-19](#):

- No (active) cases: No new cases detected for at least 28 days (two times the maximum incubation period), in the presence of a robust surveillance system. This implies a near-zero risk of infection for the general population.
- Imported / Sporadic cases: Cases detected in the past 14 days are all imported, sporadic (e.g., laboratory acquired or zoonotic) or are all linked to imported/sporadic cases, and there are no clear signals of further locally acquired transmission. This implies minimal risk of infection for the general population.

- Clusters of cases: Cases detected in the past 14 days are predominantly limited to well-defined clusters that are not directly linked to imported cases, but which are all linked by time, geographic location and common exposures. It is assumed that there are a number of unidentified cases in the area. This implies a low risk of infection to others in the wider community if exposure to these clusters is avoided.
- Community transmission: Which encompasses a range of levels from low to very high incidence, as described below and informed by a series of indicators described in the aforementioned guidance. As these subcategorization are not currently collated at the global level, but rather intended for use by national and sub-national public health authorities for local decision-making, community transmission has not been disaggregated in this information product.
 - CT1: Low incidence of locally acquired, widely dispersed cases detected in the past 14 days, with many of the cases not linked to specific clusters; transmission may be focused in certain population sub-groups. Low risk of infection for the general population.
 - CT2: Moderate incidence of locally acquired, widely dispersed cases detected in the past 14 days; transmission less focused in certain population sub-groups. Moderate risk of infection for the general population.
 - CT3: High incidence of locally acquired, widely dispersed cases in the past 14 days; transmission widespread and not focused in population sub-groups. High risk of infection for the general population.
 - CT4: Very high incidence of locally acquired, widely dispersed cases in the past 14 days. Very high risk of infection for the general population.
- Pending: transmission classification has not been reported to WHO.

ⁱⁱⁱ “Territories” include territories, areas, overseas dependencies and other jurisdictions of similar status.

Weekly Operational Update on COVID-19

16 March 2021

Issue No. 46



Confirmed cases^a

119 791 453

Confirmed deaths

2 652 966

Four countries in WHO South-East Asia Region (SEAR) get COVID-19 vaccines from COVAX Facility

The pace of COVID-19 vaccine deliveries continues as shipments from the COVAX Facility arrived in four WHO SEAR countries. Maldives, Nepal and Sri Lanka received over 620 000 doses of AstraZeneca/Oxford vaccine produced by Serum Institute of



Credit: WHO/SEARO

India on 7 March, and Indonesia welcomed its consignment of 1.1 million doses on 8 March according to Regional Office of SEAR.

Dr Poonam Khetrapal Singh, Regional Director, WHO South-East Asia Region noted “Equitable distribution of COVID-19 vaccines has been at the heart of the COVAX initiative, so that no country is left behind” yet, she continued “While vaccines are a critical tool, we need to remember that we also need to continue practising COVID appropriate behaviours to protect us as we live through this pandemic”.

The vaccines through COVAX Facility are expected to boost previous COVID-19 vaccination campaigns in the Region which has already benefitted nearly 25 million people. WHO and COVAX partners have been working closely with countries by training health workers and vaccinators, assessing and addressing gaps for planning, and managing and monitoring the activities during vaccination campaigns.

For further information, click [here](#).

Key Figures



WHO-led UN Crisis-Management Team coordinating 23 UN entities across nine areas of work



159 GOARN deployments conducted to support COVID-19 pandemic response



20 070 365 respirators shipped globally



198 733 426 medical masks shipped globally



8 653 511 face shields shipped globally



37 070 700 gloves shipped globally



105 countries, territories, and areas sharing National Deployment and Vaccination Plans (NDVPs) via Partners Platform



More than **5 million** people registered on [OpenWHO](#) and accessing online training courses across **29** topics in **50** languages

^a For the latest data and information, see the [WHO COVID-19 Dashboard](#) and [Situation Reports](#)

From the field:

COVID-19 vaccines shipped by COVAX arrive in Fiji



WHO / Dinu Bubulici

Fiji became the first country in the Pacific islands to receive COVID-19 vaccine doses shipped via the COVAX Facility, a partnership between CEPI, Gavi, UNICEF and WHO.

This is a historic step towards achieving the goal to ensure equitable distribution of COVID-19 vaccines globally in what will be the largest vaccine procurement and supply operation in history.

According to the Regional Office of the Western Pacific, the arrival of 12 000 doses of the AstraZeneca/Oxford COVID-19 vaccine marks the first batch of vaccines to arrive in the Pacific region under the COVAX Facility, in its unprecedented effort to deliver at least two billion doses of COVID-19 vaccines by the end of 2021.

“WHO is proud to play our part in achieving this milestone in Fiji” said the Acting WHO South Pacific Representative, Dr. Akeem Ali. “I would like to acknowledge the hard work by the Ministry of Health & Medical Services team in preparing for the arrival of vaccines, from identifying priority groups, developing tracking systems to upskilling their staff to be able to safely deliver this vaccine. This arrival means that frontline workers and high-risk populations can begin to be vaccinated. WHO will continue to work alongside our colleagues from the Ministries of Health in Fiji and across the Pacific to continue to plan for their use of COVID-19 vaccines.”

The Fijian Ministry of Health and Medical Services is targeting frontline staff in line with global recommendations. This will include frontline healthcare workers, selected Fiji Airways staff; Airports Fiji Limited staff; Fiji Immigration Department; along with quarantine workers as the recipients of this first batch of vaccines to support the opening of Fiji borders.

Fiji, like other countries, will continue to apply tried-and-tested measures to successfully prevent and control transmission, such as physical distancing, ventilation and hand hygiene, alongside robust programmes to test, trace, isolate and treat.

For more information on the rollout of vaccines in Fiji, click [here](#).

From the field:

The Republic of Moldova is the first country the WHO European Region to receive COVID-19 vaccine through the COVAX facility

The Republic of Moldova is the first country in the WHO European Region to receive vaccines as part of the COVAX Facility global procurement mechanism. During the pandemic, over 180 000 Moldovans have been infected with the virus that causes COVID-19 and over 4000 have lost their lives because of it.

Showing strong bilateral solidarity with its neighbor, Romania previously donated doses of the AstraZeneca/Oxford COVID-19 vaccine to the Republic of Moldova on 27 February 2021, allowing the country to start vaccinating frontline health workers on 2 March.

On 4 March, the Republic of Moldova received a further 14 400 doses of AstraZeneca/Oxford vaccine, via the COVAX Facility, according to the Regional Office for Europe.

In anticipation of the arrival of the COVAX shipment, from 25 February to 5 March the WHO Country Office in the Republic of Moldova carried out a series of trainings and exercises with health care workers allowing them to familiarize themselves with immunization service delivery and COVID-19 immunization specific to the AstraZeneca/Oxford COVID-19 vaccine.



*COVAX shipment of vaccines to the Republic of Moldova.
Credit: WHO*

Trainings for the National Agency for Public Health were also conducted by the WHO Regional Office for Europe on surveillance and response to Adverse Events Following Immunization (AEFI). WHO also previously supported a readiness COVID-19 simulation exercise in the Republic of Moldova to prepare for vaccine deployment, described in the [22 February Issue](#).

This COVAX delivery is part of a first wave of arrivals in the Republic of Moldova, which will continue in the coming weeks, with the goal of vaccinating 20% of the population. As part of future waves of deliveries, the Republic of Moldova anticipates that the COVAX Facility will deliver 24 570 doses of Pfizer/BioNTech COVID-19 vaccine and up to 264 000 doses of AstraZeneca/Oxford COVID-19 vaccine to the Republic of Moldova in 2021.

For further information, click [here](#).

From the field:

COVID-19 Vaccines bring hope to Afghanistan

This time last year, Afghanistan had recorded 7 cases of COVID-19 and was racing against the clock to contain and respond to the rapidly evolving health crisis. On 8 March 2021, a monumental step was made as Afghanistan received its first COVAX shipment, one of the first countries to receive a delivery in the Eastern Mediterranean Region.

According to the WHO Country Office of Afghanistan, this shipment contained 468 000 doses of AstraZeneca/Oxford COVID-19 vaccines produced by the Serum Institute of India as well as 470 000 syringes and 4700 safety boxes, enabling the vaccination of priority group individuals including health workers, teachers and security personnel.

Over the past few months, WHO has supported the Government of Afghanistan in the planning and implementation of the vaccine rollout. To ensure the country is adequately prepared for the vaccine deployment, WHO worked closely with the Ministry of Public Health to support the development of a comprehensive vaccination strategy, including a vaccine distribution plan, training 1000 health workers on carrying out vaccinations and ensuring availability of systems for the surveillance of adverse effects.

To boost capacity, over 2000 newly recruited vaccinators are planned to attend WHO-supported training this month. Afghanistan has already begun vaccination activities through a February vaccine donation from the Government of India with 37 400 health workers already vaccinated. This COVAX shipment arrives at an opportune time to proceed uninterrupted with the vaccination campaign. Afghanistan will await the arrival of the remaining COVAX shipments to ensure minimum vaccination coverage of 20% of the population.

Dr David Lai, WHO Officer In Charge noted “vaccines only work when they are combined with public health strategies. We did not get here in one day and we won’t get out in one day either but today our hope is renewed. The endgame is clear. However, Afghanistan will need continued support from the international community to ensure the country which is already affected by decades-long conflict and insecurity doesn’t get left behind in the race to end COVID-19.”.

For further information, click [here](#).



Credit: WHO Country Office Afghanistan

From the field:

Djibouti receives COVID-19 vaccines through the COVAX Facility

Djibouti is among the first countries in the Eastern Mediterranean Region to receive COVID-19 vaccines following the arrival at Djibouti International Airport of a shipment of AstraZeneca/Oxford vaccine doses manufactured by the Serum Institute of India (SII), according to the Regional Office for the Eastern Mediterranean. The vaccines were delivered through the COVAX Facility that ensures fair and equitable distribution of COVID-19 vaccines to countries regardless of their income.

The delivery follows the arrival of a quantity of syringes, part of a Gavi-funded and supported global stockpile, delivered on behalf of the COVAX Facility on 27 February 2021.



Credit: WHO Country Office Djibouti

WHO has worked with national authorities to put a vaccination strategy in place that includes training vaccinators, ensuring vaccine safety, and surveillance for adverse effects. This first shipment of vaccines will support the vaccination of health care workers, people over 50 years of age and people with comorbidities.

For further information, click [here](#)

International Women’s Day 2021: More women in leadership needed in the fight against COVID-19

“We need women not only on the frontlines but also in leadership” said the Director of the Pan American Health Organization (PAHO) Carissa F. Etienne, marking International Women’s Day. “Women make up the great majority of health care workers but are underrepresented in global and national health leadership.”

Across the Americas, nine out of ten nurses are women while only 25 percent of executive positions in hospitals are held by women. COVID-19 has swept across the Americas, infecting over 52 million people and killing more than 1.2 million. One million health workers have been infected by COVID-19, of whom 4000 have died, two thirds of them women.



Credit: PAHO

The pandemic has also affected women differently. There has been increasing domestic violence against women as they spend more time at home with their partners. Women have shouldered the burden of trying to hold down jobs while caring for children at home because of public health measures.

“We urge countries to develop policies not only *for* women but *by* women” Dr Etienne said.

For further information, click [here](#).

Challenging barriers women face accessing life-saving knowledge for COVID19 response: International Women's Day (IWD) 2021 #LearningSavesLives Series Webinar

The COVID-19 pandemic dramatically highlights the need of every frontline health worker, no matter how remote or isolated, to access life-saving knowledge and learning opportunities. As we look forward, reaching the light at the end of the tunnel of the pandemic will require decisive efforts to ensure that existing inequities are effectively tackled, especially those against women. While women make up 70% of the global health and social care workforce, they are often underpaid or unpaid. And while their contribution is outsized, women constitute less than 25% of leadership roles in health, thus limiting their contributions to decision and policy making.

The OpenWHO platform provides knowledge while offering the benefits of no cost, informative, easily accessible, simple and suitable for everyone. The COVID-19 pandemic has increasingly brought more women to the [OpenWHO](#) platform. Prior to the pandemic about 70-80% of learners in all courses were men, whereas now the learner enrolment is equal between women and men.

Yet, a survey among OpenWHO users conducted the first week in March 2021 found that among the top five challenges to access, female respondents were still twice as likely to choose time and cost compared to male respondents.



During the IWD webinar, with 800 attendees from all WHO Regions, speakers #ChoseToChallenge the many barriers women face to access lifesaving information, training and learning. **“There has to be a place for women at every decision-making table. Women are not only doers, they need to shape the environment in which we are moving forwards”** said Dr Gaya Gamhewage, Head of Learning and Capacity Development, Health Emergencies Programme, World Health Organization.

Click here for the [Webinar video](#). Register for the Series' next Webinar [here](#).

Health Learning

WHO is expanding access to online learning for COVID-19 through its open learning platform for health emergencies, [OpenWHO.org](#).

The OpenWHO platform was launched in June 2017 and published its first COVID-19 course on 26 January 2020.



Real-time training for COVID-19
Free online courses from WHO

- Intro to COVID-19
- Health & safety
- Clinical care
- Prevention & control (IPC)
- Protective equipment
- Hand hygiene
- Country capacitation
- Treatment facilities
- Field data tool
- Mass gatherings
- Long-term care

OpenWHO.org

5 001 632
Course
enrollments

50 languages

29 topical courses

Over 2.7 million certificates



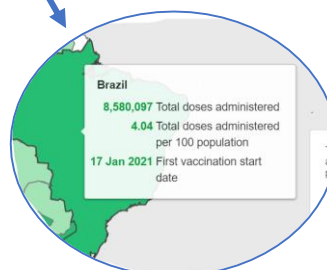
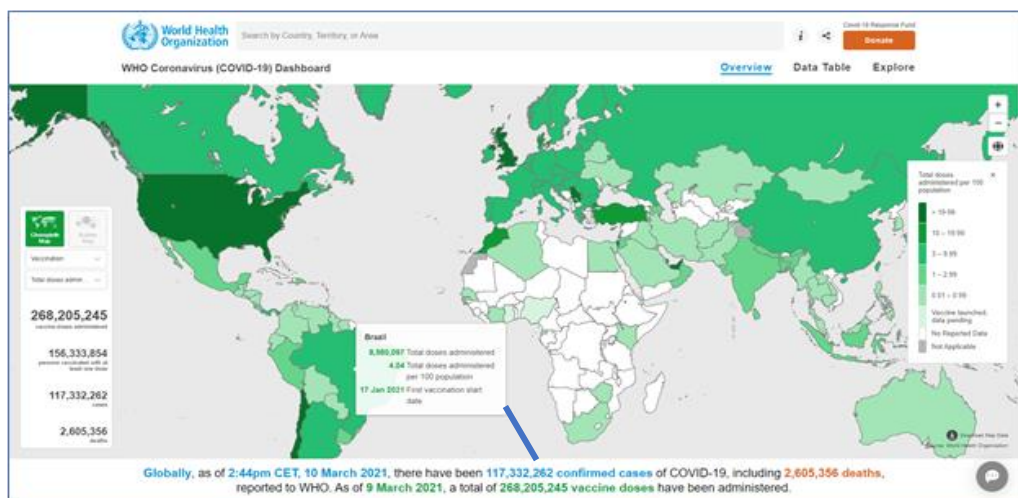
Vaccination data now available on the WHO COVID-19 Dashboard

In 2021 there have been massive multisectoral efforts to begin COVID-19 vaccination campaigns in full force around the globe. To better track and transparently share the status and progress countries are making in their COVID-19 vaccination efforts, WHO has begun collecting global vaccination data.

On 4 March 2021, vaccination data were published on the [WHO COVID-19 Dashboard](#). These data are viewed by selecting “Vaccination” from the dropdown panel on the left-hand side of the map.

Currently, the dashboard incorporates information useful to track global vaccine rollout, including total vaccination doses administered, persons vaccinated with at least one dose, and start date of vaccinations, by country, territory and area. More features, such as specifics on vaccine products authorized and administered by countries, will be added in the near future.

In collaboration with WHO Regional Offices, vaccination data will be updated at least once weekly using official reports from Member States, supplemented by publicly available data (for further source information, see [here](#)). For data on first use of vaccines in countries, the data aim to be updated in real time.

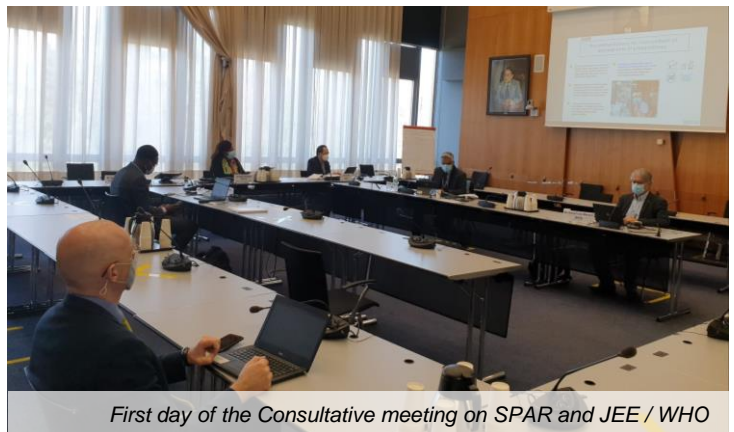


COVID-19 Preparedness

Consultative meeting on Joint External Evaluations (JEE) and State Party Self-Assessment Annual Reports (SPAR) to incorporate the lessons learnt from COVID-19 Pandemic

Recent reports of the IHR Review Committee, the Independent Oversight and Advisory Committee for the WHO Health Emergencies Programme, and the Global Preparedness Monitoring Board have highlighted the need to refine and improve existing preparedness assessment tools, including incorporating lessons learnt from the COVID-19 pandemic. This was also mentioned in the resolution on '*Strengthening Preparedness for Health Emergencies; the Implementation of the IHR*' adopted at the 73rd World Health Assembly.

In follow-up to these recommendations, WHO conducted a virtual consultative meeting from 9 to 10 March 2021 to examine and incorporate lessons from COVID-19, in order to enhance preparedness assessments tools, including the SPAR, JEE and other components of the International Health Regulations (IHR) Monitoring and Evaluation Framework. The meeting was attended by over 180 participants from all WHO Regions including Member States, the three levels of WHO and partners.



First day of the Consultative meeting on SPAR and JEE / WHO

In his welcome remarks, Assistant Director General for Emergency Preparedness, Dr Jaouad Mahjour reminded participants of how COVID-19 and other recent health emergencies have shown that the world remains inadequately prepared to respond effectively to large scale epidemics and pandemics. Many countries have had significant gaps in capacities, leading to the widespread impact seen across the world. He underscored the importance of national planning and the fundamental links between preparedness assessments and capacity building. Dr Stella Chungong, Director of Health Security Preparedness, provided an overview of how the upcoming Universal Health Peer Review, a multisectoral intergovernmental peer review process built on mutual trust and accountability, [introduced by Director-General Dr Tedros Adhanom Ghebreyesus](#) at the 73rd World Health Assembly, would relate to the IHR monitoring and evaluation tools and other country assessment processes.

Participants shared experiences and lessons from COVID-19 preparedness and response from national, regional and partners perspectives, and provided recommendations for improvements needed in preparedness capacities and assessment tools, and the need to bridge the gap between assessments and capacity development.

A meeting report will be published once ready, and technical working groups will be established to further take forward the issues and possible approaches raised at the meeting.

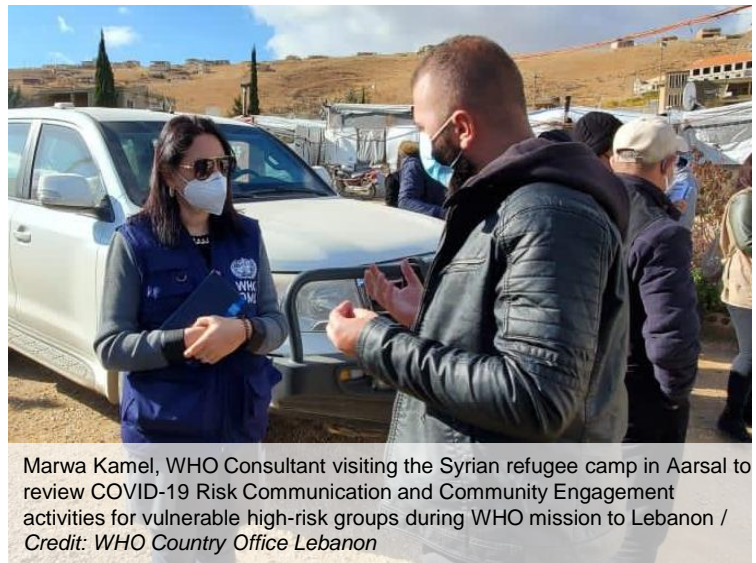
COVID-19 Preparedness

COVID-19 Response Missions in the Eastern Mediterranean Region

To provide continuous tailored support to countries to strengthen the COVID-19 response at national, subnational, and community levels, the Regional Office for the Eastern Mediterranean Region (EMR) organized technical missions to Afghanistan, Pakistan, Tunisia, and Lebanon since September 2020. These modified and enriched Intra-Action Review (IAR) Missions included field visits and supported Ministries of Health in reviewing the COVID-19 response, documenting strengths, identifying areas of improvement, and providing recommendations to address gaps.

Key strengths identified from national responses to the COVID-19 pandemic include preparedness initiatives (e.g. COVID-19 National Taskforce in Lebanon) and utilizing existing systems such as for surveillance (e.g. polio systems in Afghanistan and Pakistan).

A whole-of-government approach and strong multisectoral coordination was also a main strength (e.g. Ministry of Health leadership, engagement of public and private sectors and UN agencies in Lebanon and Tunisia). Public health and social



Marwa Kamel, WHO Consultant visiting the Syrian refugee camp in Aarsal to review COVID-19 Risk Communication and Community Engagement activities for vulnerable high-risk groups during WHO mission to Lebanon / Credit: WHO Country Office Lebanon

measures contributed to decreasing transmission rates in the early phase of the pandemic (e.g. flights suspension and school closure in Lebanon; control measures after detecting the first cases in Tunisia) and diagnostic capacities were expanded in all four countries.

Health systems in many EMR countries were already fragile due to complex emergencies, causing challenges in maintaining essential health services. Consequently, countries visited had included this in their response, such as by developing a guide, facilitated by WHO, for service continuity in Pakistan. Another challenge identified was the implementation of control measures at points of entry, particularly during border reopening after the lifting of restrictive measures.

After each mission, key recommendations and findings were shared with the Region's Incident Management Support Team and WHO Representatives during mission briefings. Mission reports laid out recommendations which will be integrated into the EMR's 2021 Strategic Preparedness and Response Plan (SPRP) to ensure all EMR countries benefit from the lessons learned. Several missions are planned for 2021, with objectives adapted to the evolving COVID-19 situation and vaccine rollout, to continue strengthening the COVID-19 response across the Region.

COVID-19 Preparedness

WHO Safe Hospital Webinar Series: COVID-19 Management in Hospitals

The second webinar of the [WHO Safe Hospital Webinar Series: COVID-19 Management in Hospitals](#) organized by WHO in collaboration with the International Hospital Federation (IHR) and the UN Office for Disaster Risk Reduction (UNDRR) took place on 25 February 2021. The theme of the webinar was ‘Hospitals and National Strategic Plans for Emergencies and Disasters’ Multiple speakers from different countries shared innovative practices and experiences that have supported COVID-19 preparedness and response in hospital settings to facilitate exchange of lessons learned.

The WHO Country Representative, Nepal and the Chief of the national public health emergency operations centre (PHEOC) highlighted how the country’s previous experience of managing earthquakes and other emergencies has informed aspects of COVID-19 response, including the coordination at all levels of government through EOC, supported by WHO and partners, and the designation of key national hospitals as “hubs” to support ‘satellite’ hospitals at the province and district levels.

A representative of the Sao Joao Hospital, Portugal, shared approaches for preparing the workforce by rapidly facilitating knowledge-transfer, updating national COVID-19 management guidelines to local contexts using the ‘Cascade-Training Model’, how testing in-patients every 5-days significantly reduced the risk of nosocomial-infection and how deployment of the health staff in-proportion to the activation of the COVID-19 response plan reduced levels of staff burn-out.



The Director of the International Center for Collaborative Research on DRR in Wuhan, China explained the whole-of-government approach and the ‘paired-assistance’ programme, which augmented health-workforce (HWF) deployment in hard-hit cities using dynamic risk-assessment-and-zoning that was instrumental in the deployment of 40 000 HWF within 20 days of the outbreak in Wuhan. Following that, WHO presented the [suite of health service capacity assessments in the context of COVID-19](#) that can be used to support rapid and accurate assessments of the current, surge and future capacities of health facilities throughout the different phases of the COVID-19 pandemic. The presentation included an overview of how the tools can be used in different context to scale up health facility capacities for COVID-19 risk management.

The next webinar in the series on 18 March 2021 will focus on [“Long-term care facilities and long-term care services in hospitals during a pandemic”](#).

For more information, please contact the HSP/DRR unit at drr@who.int



COVID-19 Partners platform

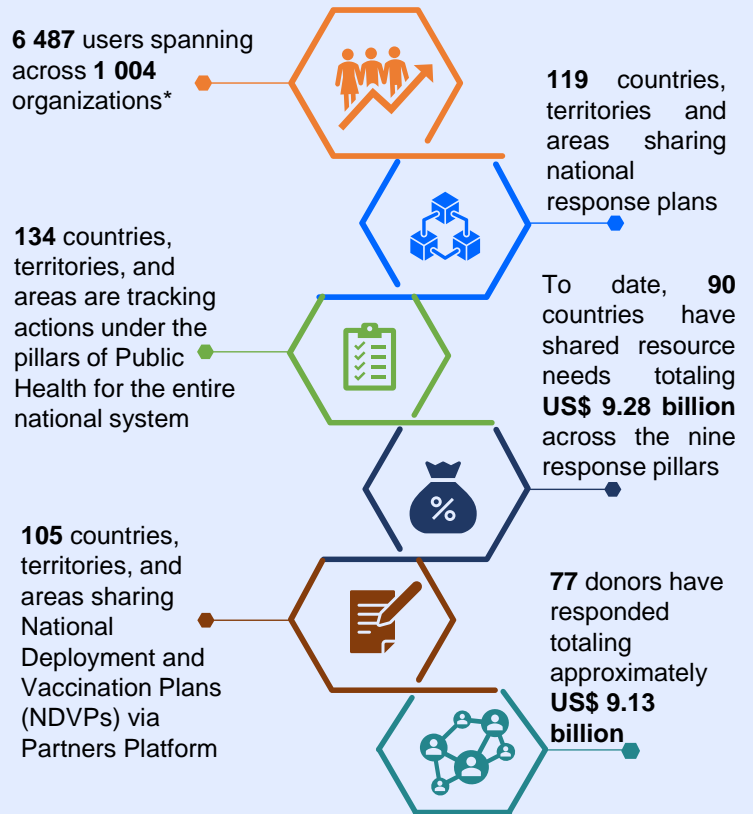
The Partners Platform continues to adapt its functionalities as WHO and its partners initiate and update components of the global response against COVID-19.

With the introduction of vaccines, the Partners Platform played a leading role in streamlining the application process for countries and donors participating in the COVAX facility.

Now, as the Strategic Preparedness and Response Plan (SPRP) for 2021 and its [Operational Planning Guideline](#) launch, building on last year's plan and a year of lessons learned to incorporate new objectives like countering misinformation and disinformation, and accelerating equitable access to new tools, the Partners Platform is working in parallel to integrate these objectives into the functionalities of its innovative digital space.

In early April, countries will be able, and are encouraged to update the national response plans to align with the 2021 SPRP Operational Planning Guideline.

2020 Strategic Preparedness and Response Plan (SPRP) and National Deployment and Vaccination Plan (NDVP) Achievements



*Note: viewing of vaccine information may be restricted to key vaccines stakeholders according to countries' preferences.

The Platform enhances transparency between donors and countries who can each respectively view resources gaps and contributions.



Public health response and coordination highlights

At the UN Crisis Management Team (CMT) meeting on 10 March 2021, **WHO, UNESCO and UNICEF** briefed on the impact of the COVID-19 pandemic on education, including on the current situation of school closures.

WHO updated on the work of the Technical Advisory Group (TAG) of Experts on Educational Institutions and COVID-19, and highlighted the TAG's role in understanding the epidemiology of school transmission and leveraging research on educational institutions and COVID-19 to inform policy decisions.

In addition, **WHO** updated the CMT on COVID-19 vaccine roll out, noting that, globally, nine different vaccines are being administered across 129 economies and that of the 312 million doses administered to date, 78 per cent were in 10 countries.

WHO also informed that, as of 10 March, COVAX has shipped more than 30 million doses to 35 countries and COVAX currently has purchase orders for an additional 100 million doses for 70 countries.

The **UN Department of Operational Support (DOS)** updated on the work of inter-agency working group on COVID-19 vaccinations for UN staff, namely the development of a prioritization framework based on country risk/vulnerability and occupational and medical risks for personnel.

WHO Funding Mechanisms

COVID-19 Solidarity Response Fund

As of 12 March 2021, [The Solidarity Response Fund](#) has raised or committed more than US\$ 242 million from more than 662,000 donors.

The world has never faced a crisis like COVID-19. The pandemic is impacting communities everywhere. It's never been more urgent to support the global response, led by the World Health Organization (WHO).

More than **US\$ 242 Million**



662 000 donors

[individuals – companies – philanthropies]



Appeals

WHO's [Strategic Preparedness and Response Plan \(SPRP\)](#) 2021 is critical to end the acute phase of the pandemic, and as such the SPRP is an integrated plan bringing together efforts and capacities for preparedness, response and health systems strengthening for the roll out of COVID-19 tools (ACT-A). Of the US\$ 1.96 billion appealed for, US\$ 1.2 billion is directly attributable towards ACT-A, and as such also part of the ACT-A workplan. In 2021 COVID-19 actions are being integrated into broader humanitarian operations to ensure a holistic approach at country level. US\$ 643 million of the total appeal is intended to support the COVID-19 response specifically in countries included in the Global Humanitarian Overview.

WHO appreciates and thanks donors for the support already provided or pledged and encourages donors to give fully flexible funding for SPRP 2021 and avoid even high-level/soft geographic earmarking at e.g. regional or country level. This will allow WHO to direct resources to where they are most needed, which in some cases may be towards global procurement of supplies intended for countries.

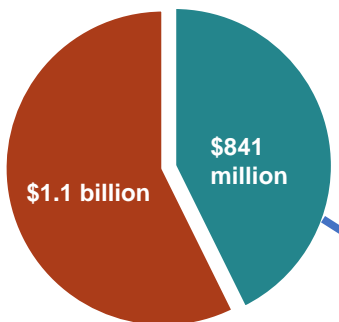
SPRP 2021 Requirements US\$ 1.96 billion



- Total WHO requirement under SPRP 2021
- Proportion of requirement attributed to ACT Accelerator*

**Of the total US\$1.96 billion WHO requirement, US\$1.22 billion (62%) counts towards WHO's requirement for the Access to COVID-19 tools accelerator*

SPRP 2021 Requirement Progress (US\$)



- Total funding received and pledged (42.9% of total requirement)
- Gap against funding received and pledged
- Total funding pledged
- Total funding received

The 2021 SPRP priorities and resource requirements can be found [here](#). The status of funding raised for WHO against the SPRP can be found [here](#).

Operations Support and Logistics

The COVID-19 pandemic has prompted an unprecedented global demand for Personal Protective Equipment (PPE), diagnostics and clinical care products.

To ensure market access for low- and middle-income countries, WHO and partners have created a COVID-19 Supply Chain System, which has delivered supplies globally.

The table below reflects WHO/PAHO-procured items that have been shipped as of 12 March 2021.

Shipped items as of 12 March 2021	Laboratory supplies			Personal protective equipment					
Region	Antigen RDTs	Sample collection kits	PCR tests	Face shields	Gloves	Goggles	Gowns	Medical Masks	Respirators
Africa (AFR)	718 250	3 718 135	1 855 696	1 473 890	10 594 300	214 610	1 727 279	53 453 400	2 768 630
Americas (AMR)	7 342 300	1 046 142	10 534 278	3 333 200	4 752 000	322 940	1 613 020	55 136 330	7 669 760
Eastern Mediterranean (EMR)	990 800	1 340 070	1 520 740	954 985	7 613 000	206 480	839 322	27 317 550	1 502 095
Europe (EUR)	617 500	648 330	594 270	1 750 900	8 938 900	409 900	1 757 548	40 911 500	5 423 350
South East Asia (SEAR)	440 000	3 185 800	2 408 970	371 836	2 125 500	86 510	555 300	6 940 500	604 495
Western Pacific (WPR)		228 500	346 834	768 700	3 060 000	311 927	463 710	14 974 146	2 102 035
TOTAL	10 108 850	10 166 977	17 260 788	8 653 511	37 083 700	1 552 367	6 956 179	198 733 426	20 070 365

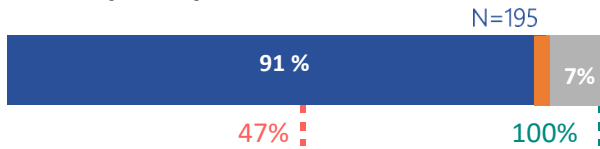
Note: Some EMR laboratory supplies have decreased from last week due to delays in shipments

For further information on the **COVID-19 supply chain system**, see [here](#).

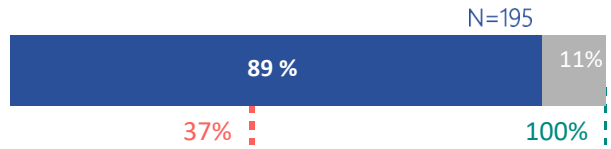


COVID-19 Global Preparedness and Response Summary Indicators^a

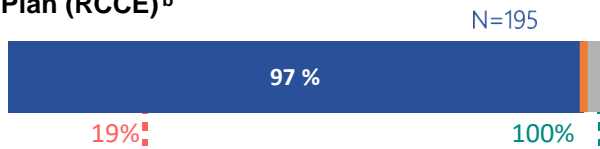
Countries have a COVID-19 preparedness and response plan



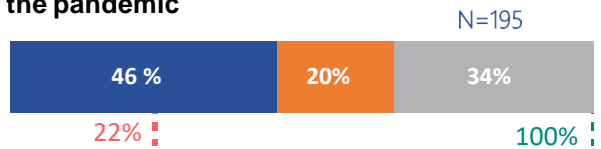
Countries have a clinical referral system in place to care for COVID-19 cases



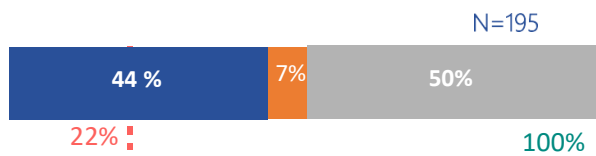
Countries have a COVID-19 Risk Communication and Community Engagement Plan (RCCE)^b



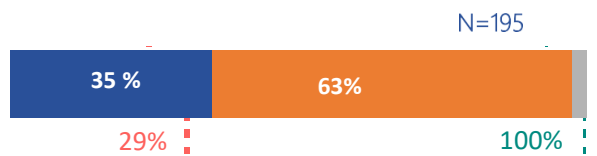
Countries that have defined essential health services to be maintained during the pandemic



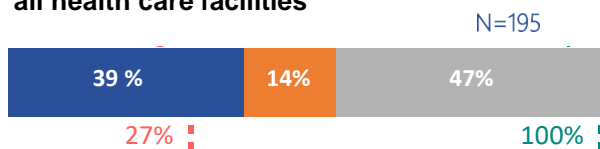
Countries have a national policy & guidelines on Infection and Prevention Control (IPC) for long-term care facilities



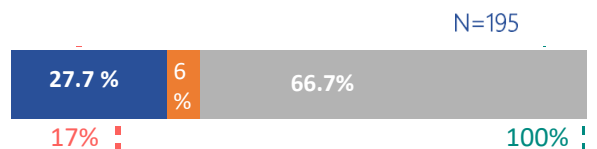
Countries in which all designated Points of Entry (PoE) have emergency contingency plans



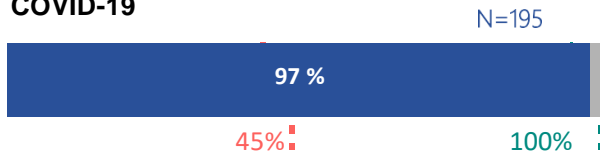
Countries with a national IPC programme & WASH standards within all health care facilities



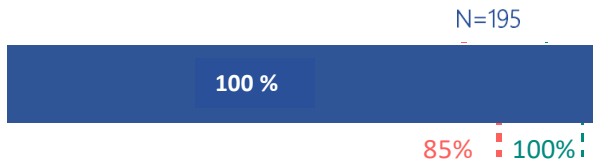
Countries have a health occupational safety plan for health care workers



Countries have a functional multi-sectoral, multi-partner coordination mechanism for COVID-19



Countries have COVID-19 laboratory testing capacity



Legend



Notes:

a Data collected from Member States and territories. The term "countries" should be understood as referring to "countries and territories." b Source: UNICEF and WHO

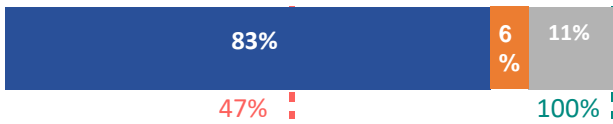


COVID-19 Global Preparedness and Response Summary Indicators

Selected indicators within the Monitoring and Evaluation Framework apply to designated priority countries. Priority Countries are mostly defined as countries affected by the COVID-19 pandemic as included in the [Global Humanitarian and Response Plan](#). A full list of priority countries can be found [here](#).

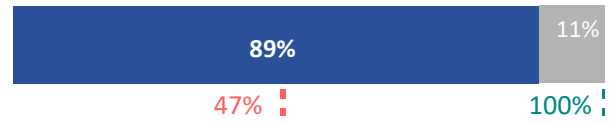
Priority countries with multisectoral mental health & psychosocial support working group

N=64



Priority countries with an active & implemented RCCE coordination mechanism

N=64



Priority countries that have postponed at least 1 vaccination campaign due to COVID-19^c

N=64



Priority countries with a contact tracing focal point

N=64



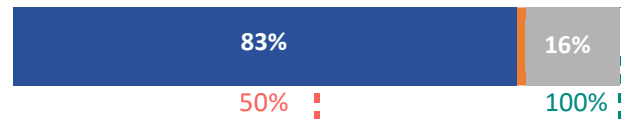
Priority countries where at least one Incident Management Support Team (IMST) member trained in essential supply forecasting

N=64



Priority countries with an IPC focal point for training

N=64



Legend

- Yes (Blue square)
- No (Orange square)
- No information (Grey square)
- Baseline value (Red dashed line)
- Target value (Green dashed line)

Notes: ^c Source: WHO Immunization Repository

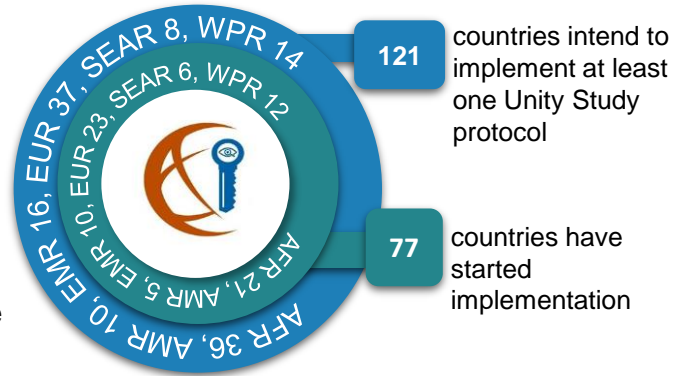


The Unity Studies: WHO Early Investigations Protocols

Unity studies is a global sero-epidemiological standardization initiative, which aims at increasing the evidence-based knowledge for action.

It enables any countries, in any resource setting, to gather rapidly robust data on key epidemiological parameters to understand, respond and control the COVID-19 pandemic.

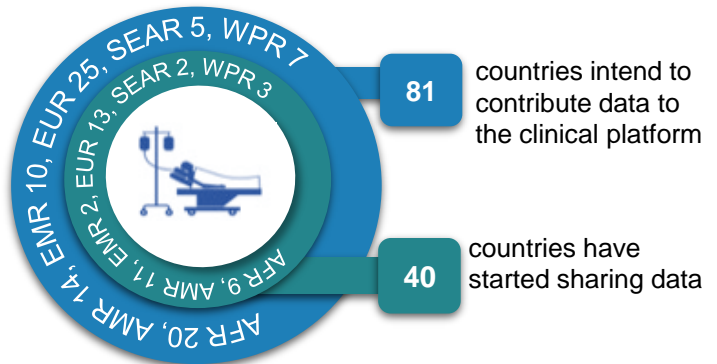
The Unity standard framework is an invaluable tool for research equity. It promotes the use of standardized study designs and laboratory assays



Global COVID-19 Clinical Data Platform

Global understanding of the severity, clinical features and prognostic factors of COVID-19 in different settings and populations remains incomplete.

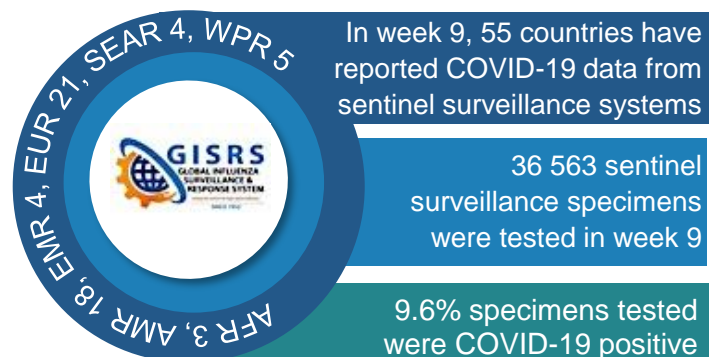
WHO invites Member States, health facilities and other entities to participate in a global effort to collect anonymized clinical data related to hospitalized suspected or confirmed cases of COVID-19 and contribute data to the Global COVID-19 Clinical Data Platform.



Leveraging the Global Influenza Surveillance and Response System

WHO recommends that countries use existing syndromic respiratory disease surveillance systems such as those for influenza like illness (ILI) or severe acute respiratory infection (SARI) for COVID-19 surveillance.

Leveraging existing systems is an efficient and cost-effective approach to enhancing COVID-19 surveillance. The Global Influenza Surveillance and Response System (GISRS) is playing an important role in monitoring the spread and trends of SARS-COV-2





Key links and useful resources

- ❑ For EPI-WIN: WHO Information Network for Epidemics, click [here](#)
- ❑ For more information on COVID-19 regional response:
 - [African Regional Office](#)
 - [Regional Office of the Americas](#)
 - [European Regional Office](#)
 - [Eastern Mediterranean Regional Office](#)
 - [Southeast Asia Regional Office](#)
 - [Western Pacific Regional Office](#)
- ❑ For the 9 March **Weekly Epidemiological Update**, click [here](#). Highlights this week include:
 - Overviews of global and regional epidemiological situation
 - Special focus sections on:
 - Global Influenza Surveillance and Response System – best practices for integrating influenza and COVID-19 sentinel surveillance
 - SARS-CoV-2 sero-epidemiology in Kenya
 - SARS-CoV-2 variants of concern
- ❑ For the WHO case definitions for public health surveillance of COVID-19 in humans caused by SARS-COV-2 infection published on 16 December 2020, click [here](#)
- ❑ For updated WHO Publications and Technical Guidance on COVID-19, click [here](#)
- ❑ For updated GOARN network activities, click [here](#)
- ❑ Updated COVID-19 Table top Exercise packages are now available online. All COVID-19 simulation exercises can be found [here](#)