

COVID 19 MPACTON EUROCONTROL Comprehensive Assessment EUROPEAN AVIATION





Headlines

- 10,945 flights (35% of 2019 levels) on Wednesday 14 April 2021, decreasing over 2 weeks (-8%) but stable over 1 week (Wednesday 7 April 2021).
- Traffic is levelling off after the Easter break period. Flows between North-West Europe and Spain/Italy are recording declines (over 2 weeks).
- Highest decreases for Germany, France, Spain and Turkey. Increase for Italy (domestic).
- Highest decreases for Vueling (-55%), Turkish (-9%), Lufthansa (-17%) and Wizz (-44%). Increases for Alitalia (+32%), Ryanair(+15%) and Eurowings (+27%).
- Domestic traffic vs 2019: Europe (-67%), US (-29%), China (+9%), Middle-East (-45%).

Top 10 Aircraft Operators

on Wed 14 April 2021 (daily flights)



DHL Express







Operated 324 flights

\$\sum_{80}\text{8}\text{0}

of same day in 2019

\$\dagger* 2\text{2\text{weeks}}





Operated 684 flights

146%
of same day in 2019
19% over 2 weeks

Operated 304 flights
180%
of same day in 2019
17% over 2 weeks





Traffic Situation





Traffic over the last 7 days is

+64%

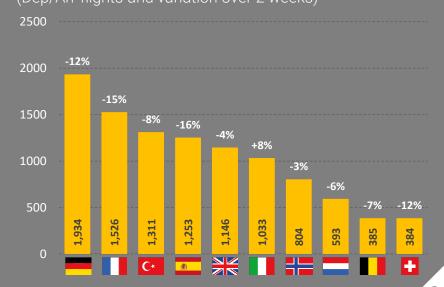
Compared to equivalent days in 2019

[Note: Easter this year (4 April 2021) is almost 3 weeks earlier than in **2019** (21 April 2019)]

Top 10 Busiest States

on Wed 14 April 2021

(Dep/Arr flights and variation over 2 weeks)



Top 10 Busiest Airports

7-day average Dep/Arr flights on 8-14 April, compared to 2019

Top 10 Airports	Average flights per day (week 8-14/4)	Average flights per day (week 8-14/4) vs 2019
IGA Istanbul Airport	641	-43%
Frankfurt	526	-64%
Paris/Charles-De-Gaulle	480	-67%
Amsterdam	472	-67%
Madrid/Barajas	403	-65%
Istanbul/Sabiha Gokcen	395	-35%
London/Heathrow	348	-74%
Palma De Mallorca	242	-62%
Munich	233	-80%
Athens	218	-62%

Traffic Flow

On 14 April, the intra-European traffic flow was

8,143 flights

- 10%

-67% compared to 2019

Market Segments

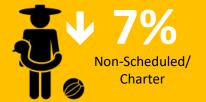
On 14 Apr, compared to 2019













↑ 11% All Cargo

Economics

(07 April 2021)

Fuel price

1158
Cents/gallon

compared to 156 cents/gallon on 01 Apr 21

Source: IATA/Platts

Route charges

(March 2021)

Amount billed:

€ 190 million

Jan-Mar 2021 amount billed:

€ **541 million** vs. Jan-Mar 2019

(-67%)
Source: EUROCONTROL

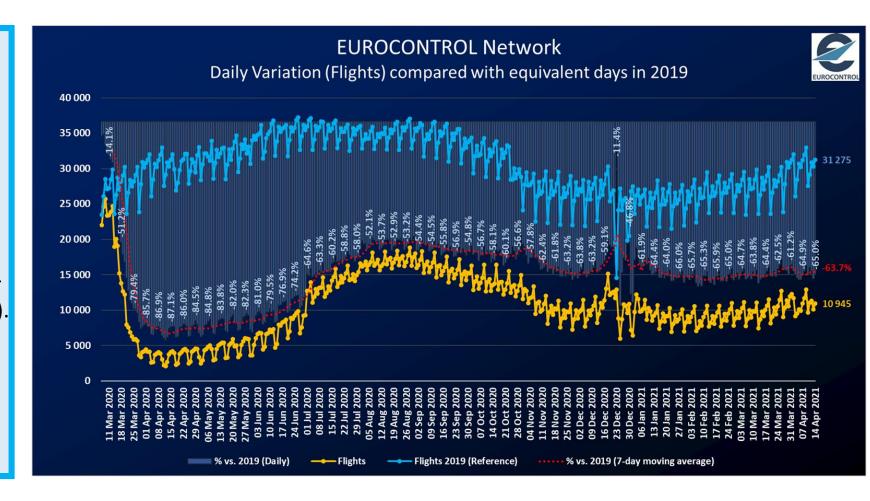
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Overall traffic situation at network level





- **★ 10,945 flights** on Wednesday 14 April.
- ★ -8% with -984 flights over 2 weeks (from Wednesday 31 March).
- ★ Stable with -12 flights over 1 week (from Wednesday 7 April).
- **₹ 36%** of 2019 traffic levels.



Current situation and scenarios





- **★ Traffic at -64% on 1-14 April 2021 vs 1-14 April 2019**, slightly above the latest EUROCONTROL traffic scenarios published on 28 January 2021 mainly due to:
 - Very active cargo traffic.
 - Easter holidays started in March compared to April in 2019.

Note that a significant proportion of flight operations for some of the largest airlines are actually non-commercial, i.e. training flights and circular flights to maintain pilot ratings.

- * After having reached a maximum at network level at the end of March (around Easter), the traffic is now stable over the recent days.
- ★ A large part of the increase vs 2019 is due to the fact that Easter this year (4 April 2021) is almost 3 weeks earlier than in 2019 (21 April 2019).





Aircraft operators (Daily flights)

Ton 10



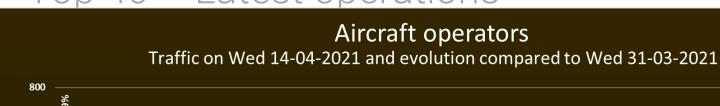




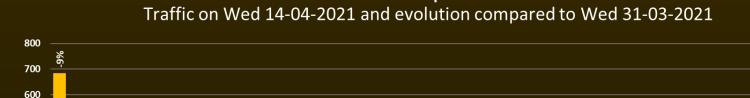
- ★ Turkish Airlines is the busiest airlines over the last 2 weeks. Despite a 9% decline, some growth on intercontinental flows from/to Turkey (Russia, Israel, Malaysia, India, China)
- ★ Positive change in the ranking over 2 weeks for Wideroe, KLM, Ryanair and Alitalia.
- ★ Highest increase for Alitalia (+32%) and Ryanair (+15%) driven by domestic increase in Italy. Ryanair recorded (more limited) increased on Spain domestic too.
- ★ Lufthansa decline hides a small increase for Eurowings on Germany-Austria flow.

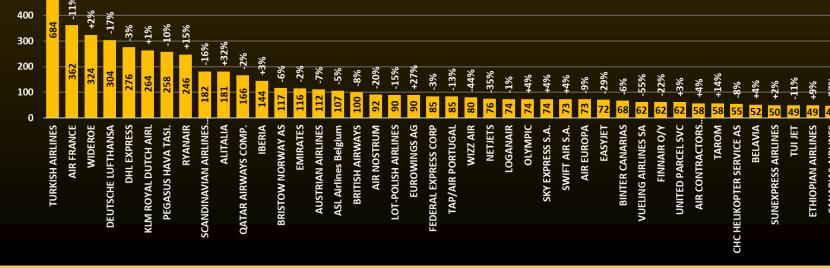
Aircraft operators (Daily flights)





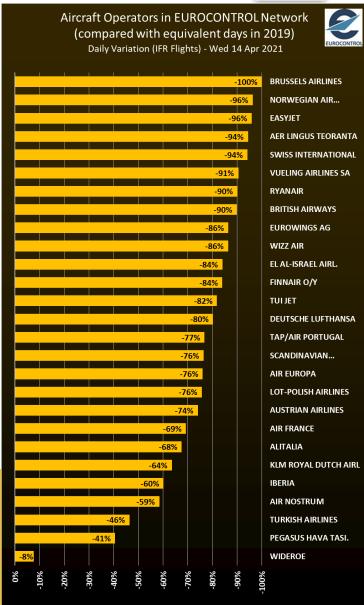






- ★ Highest decreases for Vueling (-55%), Turkish (-9%), Lufthansa (-17%) and Wizz (-44%).
- ★ Highest increases for Alitalia (+32%), Ryanair(+15%) and Eurowings (+27%).
- ₹ Ryanair 8th, British Airways 17th, Wizz Air 23rd and easyJet 30th.
- Traffic levels ranging from -100% (Brussels Airlines) to -8% (Wideroe) compared to 2019





Aircraft operators

EUROCONTROL

Latest news

European airlines

- **★ Air France** plans to operate 80 seasonal services this summer, including 22 new services, to France, Europe and North Africa.
- **★ El Al** plans to raise at least \$105 million through an offering of shares and/or options.
- **★ Finnair** reports March passenger numbers down 82.7% year-on-year (March 2020 was 56% down on 2019).
- **★ IAG Cargo** reports that it has delivered 2.5 million vaccines to the Latin America and Caribbean region this year.
- **★ Iberia** to trial IATA Travel Pass on Madrid to Montevideo service.
- **★ Jet2.com** and **Jet2holidays** extend suspension of operations, having reviewed the latest UK Global Travel Taskforce framework.
- ***Lufthansa** starts converting an A350-900 into a climate research aircraft.
- **X Norwegian** resumes twice weekly routes from Stockholm to Alicante, Malaga and Oslo; March passenger numbers were down 94% on March 2020.

Ryanair expects a pretax loss for the year to 31 March 2021 of between €800 and 850 million, a slight improvement on the previous forecast.

Worldwide airlines

- *Air Canada enters into financing agreements with the Canadian government for up to CAD5.9 billion.
- *Air New Zealand CEO states that trans-Tasman bookings have been very good with Auckland Sydney Brisbane and Melbourne the strongest in terms of volumes.
- **★ Cathay Pacific Cargo** cuts capacity by 25% in March due to Hong Kong crew quarantine measures.
- **★ Ethiopian Airlines** has flown 5,645 cargo flights using passenger aircraft, with seven of its 16 A350-900s having their seats removed.
- **▼ Qantas Group CEO** states that the business is generating positive cash flows at operating level; reopens 33 of its 35 domestic lounges; looks to resume international travel in October.
- **芩 Singapore Airlines** received three new A350-900s.

States (Daily Departure/Arrival flights)



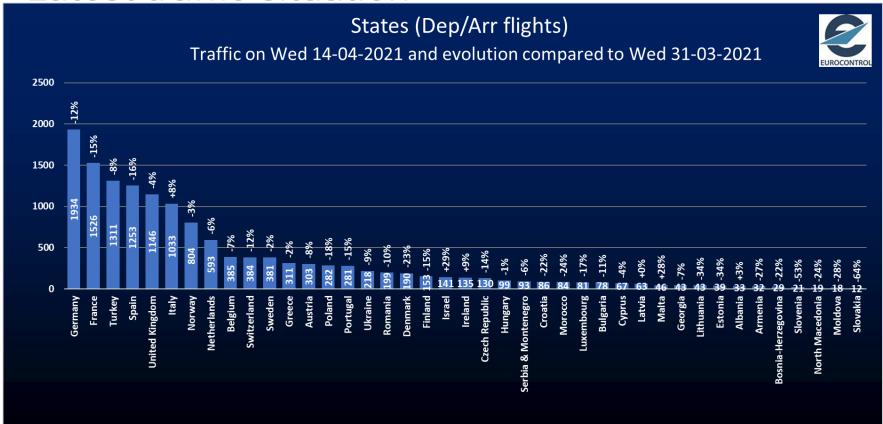
Top 10

Rank evolution	Top 10 States on Wed 14-04-2021					
over 2 weeks	State	Flights (Dep/Arr)	Δ over weeks		% vs 2019	
→	Germany	1934	-20	-12%	-68%	
→	France	1526	当 −20	-15%	-67%	
71	Turkey	1311	-1	-8%	-48%	
<u>3</u>	Spain	1253	当 -2⋅	-16%	-74%	
→	United Kingdom	1146	3 -√	-4%	-81%	
→	Italy	1033	77 +	75 +8%	-73%	
→	Norway	804	3 −:	-3%	-42%	
→	Netherlands	593	<u>*</u> -:	-6%	-66%	
71	Belgium	385	<u>*</u> -	29 -7%	-63%	
<u>2</u>	Switzerland	384	2	-12%	-72%	

- *After relative increases on some destinations in traffic for Easter break (early April), main European States record decreases: Germany (-12%), France (-15%), Spain (-16%) and Switzerland (-12%), due to decreases in domestic and flows between North-West Europe and Spain or Italy.
- ★ Highest increase for Italy (+8%)
 mainly driven by domestic flows
 (traffic from Ryanair and Alitalia).

States (Daily Departure/Arrival flights)

Latest traffic situation



- ★ Highest decreases for Germany (-12% over 2 weeks), France (-15%), Spain (-16%) and Turkey (-8%).
- ★ Highest increases for Italy (+8%) and Israel (+29%).
- Traffic levels ranging from -87% (Slovakia) to -38% (Armenia), compared to 2019.





Associations and Institutions





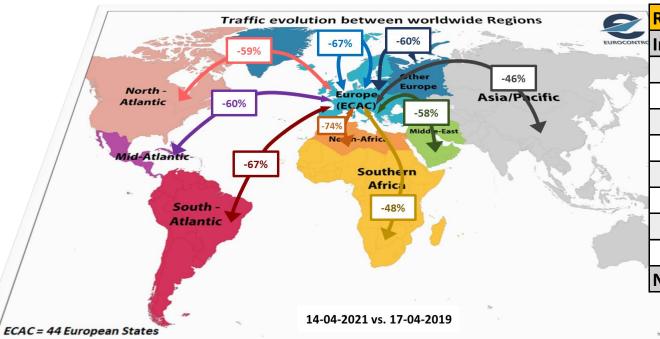
- *Airbus delivered 72 aircraft to 354 customers in March and received orders for 28 aircraft; so far this year it has received 39 orders and 100 cancellations.
- **★ Boeing** working to solve a potential issue with a backup power control unit on some 737 MAX aircraft; reports 77 commercial aircraft deliveries in Q1, including 63 737s.
- **★Greece** to open its borders on 14 May to those who are fully vaccinated or have a negative test result. Random rapid tests will be carried out.
- **★Malta** reports that 18 airlines plan to resume flights to Malta this summer, with capacity of around 70% pre-COVID levels.
- ***Russia** restricts air services with **Turkey** until 1 June due to the status of the pandemic in Turkey.
- **★US TSA** reports passenger screening numbers of 55%-65% (compared to 2019) during March/April.
- ***UK Global Travel Taskforce** plans to restart international travel (from 17 May at the earliest) using a traffic light system; plans criticized by Airlines UK.

Traffic flows (Daily Departure/Arrival flights)





- ★The main traffic flow is the intra-Europe flow with 8,143 flights on Wednesday 14 April, which is decreasing (-10%) over 2 weeks.
- ★Intra-Europe flights are still 67% below 2019 levels while intercontinental flows are running 60% below.



REGION	31-03-2021	14-04-2021	%
Intra-Europe	9 088	8 143	-10%
Europe<->Asia/Pacific	418	410	-2%
Europe<->Mid-Atlantic	67	65	-3%
Europe<->Middle-East	576	570	-1%
Europe<->North Atlantic	470	462	-2%
Europe<->North-Africa	271	248	-8%
Europe<->Other Europe	345	357	+3%
Europe<->South-Atlantic	68	57	-16%
Europe<->Southern Africa	172	167	-3%
Non Intra-Europe	2 387	2 336	-2%

	vs. 2019
	-67%
	-46%
	-60%
	-58%
	-59%
	-74%
	-60%
	-67%
	-48%
	-60%

Country pairs (Daily Departure/Arrival flights)





Top 10

Rank evolution	Top 10 Country-Pair on Wed 14-04-2021						
over 2 weeks	Country-Pair	Dep/Arr Flights		Δ over 2 % ov week we		% vs 2019	
→	France <-> France	707	3	-158	-18%	3	-47%
71	Norway <-> Norway	665	71	+16	+2%	4	-9%
<u> </u>	Spain <-> Spain	564	3	-125	-18%	3	-55%
→	Turkey <-> Turkey	523	3	-110	-17%	3	-42%
→	Germany <-> Germany	460	3	-42	-8%	3	-56%
→	Italy <-> Italy	442	71	+53	+14%	2	-51%
→	United Kingdom <-> United Kingdo	360	71	+10	+3%	2	-68%
71	Sweden <-> Sweden	196	71	+23	+13%	2	-58%
71	Greece <-> Greece	178	71	+10	+6%	2	-48%
2	Germany <-> Spain	143	2	-50	-26%	2	-76%

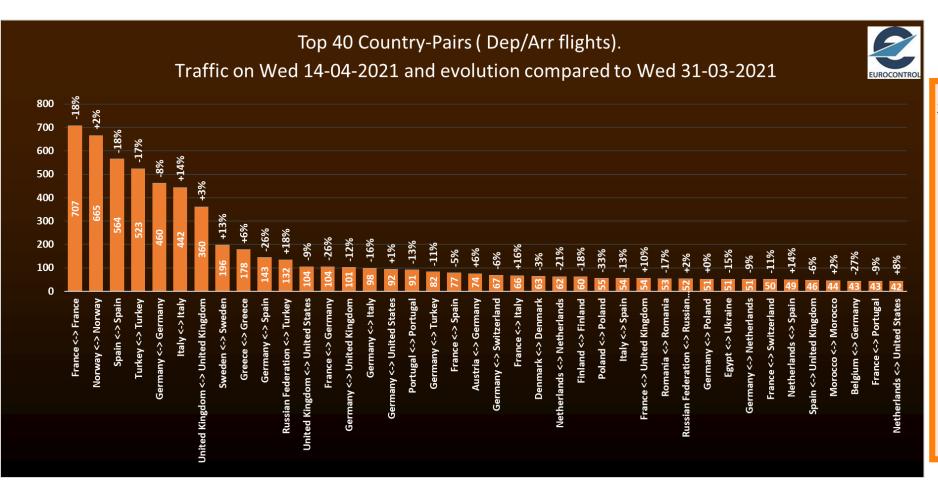
- ★ 9 of the top 10 flows are domestic.
- ★ Highest decreases for domestic flows in France & Spain (-18%) as well as in Turkey (-17%) explained by Turkish Airlines and Pegasus decreases.
- ★ Highest increase in flights for domestic flows in Italy (+14%) thanks to Ryanair, and Alitalia increases.
- ★ Swedish domestic increased too (+13%) owing to rises from local operators.
- ★ Decrease on Germany-Spain flow (-26%) after the blip driven by Easter break early April.

Country pairs (Daily Departure/Arrival flights)





Latest traffic situation



- ★ The busiest non-domestic flows were:
 - **Germany-Spain** (143 flights, -26% over 2 weeks).
 - Russia-Turkey (132, +18%).
 - UK-US (104, -9%).
 - France-Germany (104, -26%)
 - **Germany-UK** (101, -12%).

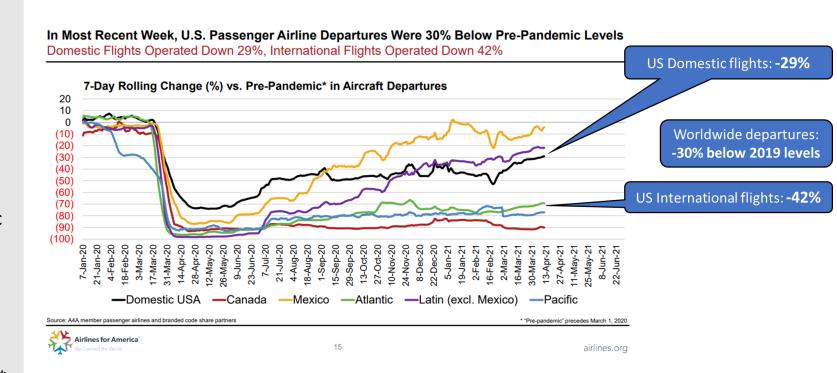
Outside Europe





USA

- ★ Bookings are gradually improving on rising vaccination rates and easing travel restrictions.
- ★ US domestic recorded a decline of 29% (vs 2019) and international traffic recorded a decline of 42% (vs 2019) on 13 April.
- ★ On 13 April, US airline passenger volumes were 29% below 2019 levels with domestic down 36% and international down 56%.
- ★ The domestic US load factor has improved recently, averaging at 75% on 13 April vs 86% in same week of 2019.
- ★ In March 2021, U.S. International air travel* fell 76% below 2019 levels
- * Gateway-to-gateway passengers on U.S. and foreign scheduled and charter airlines and general aviation



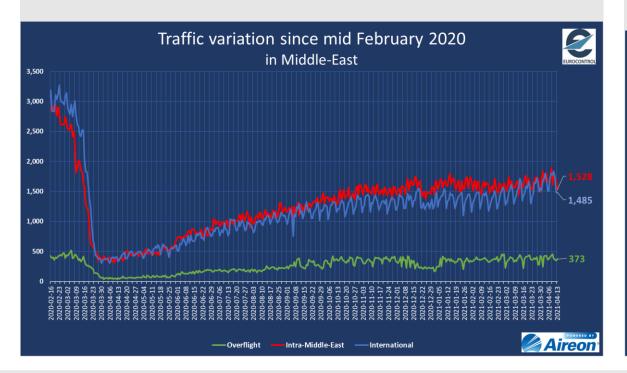
Outside Europe





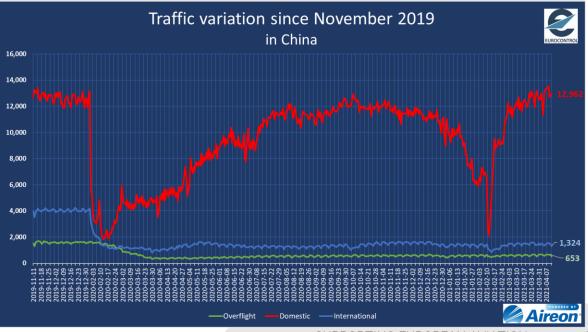
Middle East

- ★ Intra-Middle-East traffic recorded around 1,528 daily flights on 13 April (-45% compared to Feb 2020).
- **★** On 13 April, international traffic from and to Middle-East recorded 1,485 flights (-51% compared to Feb 2020).
- ★ Overflights have remained stable around 373 flights (-13% compared to Feb 2019) over the recent weeks.



China

- ★ On 12 April, domestic traffic recorded just below 13,000 flights (+9% compared to January 2020 levels).
- ★ International flights and overflights are still suppressed, they were stable on previous weeks with 1,324 and 653 flights respectively (-67% each vs 1 Jan 2020).
- **★** The CAAC reported a passenger load factor of 64% in January 2021 vs 76.7% in January 2020 vs 81.8% in January 2019.



Airports (Daily Departure/Arrival flights)

Top 10 and latest news



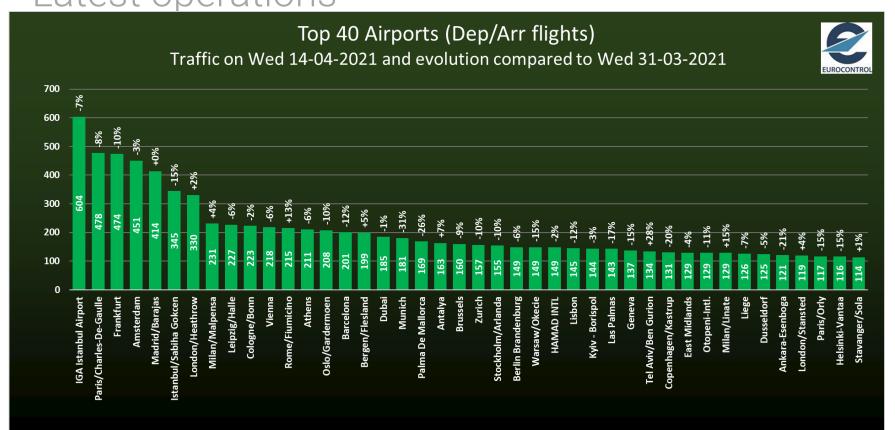


- ★ 7 of top 10 airports posted decreases over 2 weeks, back to pre-Easter break traffic levels.
- ★ Largest decrease for Istanbul/Sabiha Gokcen (-15%) due to decrease of domestic traffic in Turkey. The same reason explains decrease at Istanbul IGA (-7%).
- ★ Decreases for Frankfurt (-10%) mainly due to Lufthansa, TUI and Condor and on flows from/to Spain, France and Italy.
- ★ Highest increase for Milan (+4%) mainly due to Alitalia and domestic flows.

Airports (Daily Departure/Arrival flights)

EUROCONT

Latest operations



- **Largest decreases for Munich, Sabiha, Palma, Frankfurt, IGA Istanbul and CDG.
- **★** Largest increase for **Tel Aviv** over 2 weeks (+28%) (El Al, domestic flows), **Rome** (+13%) and **Milan** (+4%) mainly from Alitalia and Ryanair.
- ★ Traffic levels ranging from -97% (Gatwick) to -47% (Istanbul IGA) compared to 2019.



Airports

EUROCONTRO

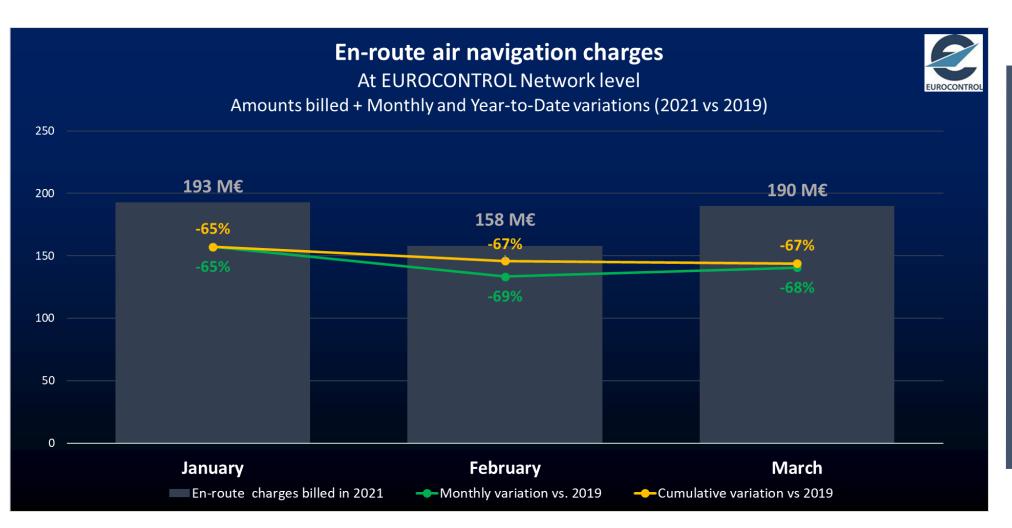
Latest news

- **★ Aena** reports March passenger numbers for its airport network down 61% year-on-year to 3.2 million; March 2020 was 59% down on 2019.
- **Ankara Airport March 2021 passenger numbers down 23.7% on March 2020 (domestic 21.6%, international -38.8%); March 2020 was 53.6% (52.6%/59.6%) down on 2019.
- **★ Avinor** reports March passenger numbers for its airport network down 54% year-on-year (domestic -36%, international -90%); March 2020 was 65% (55%/58%) down on 2019.
- **X London Luton Airport** to host an outdoor cinema in their long term car park.
- ****Rome Fiumicino** and **Ciampino airports** become the first in Europe to achieve level 4+ ACI Carbon Accreditation.
- ***Schiphol Group** reports that **Eindhoven**, **Rotterdam** and **Groningen airports** plan to test the feasibility, potential and handling of electric flights.
- **★Swedavia** reports March passenger numbers for its airport network down 74% year-on-year (domestic -66%, international -78%); March 2020 was 60% (59%/60%) down on 2019.

En-Route Air Navigation charges





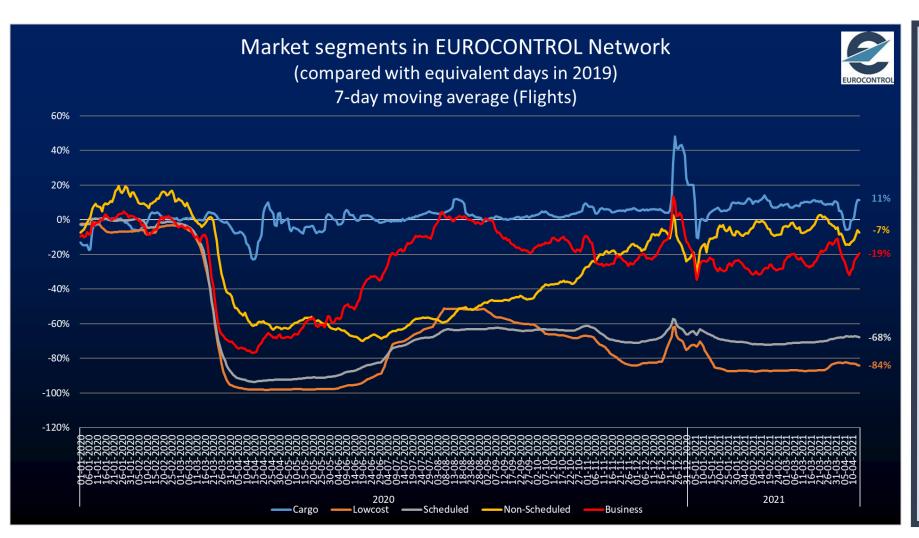


- **¥ EUROCONTROL** has just billed **190M€** of en-route charges for March flights.
- ★ This is -68% below the amount billed for the March 2019 flights.
- ★On a year-to-date basis, we are at -67% vs 2019

Market Segments







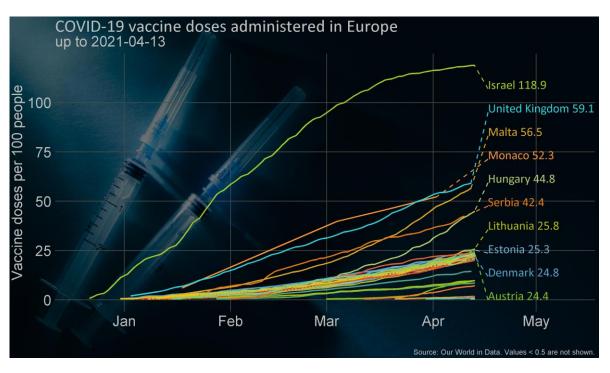
The evolution of the segments is now almost getting back to pre-Easter trends. On 14 April 2021, compared to 2019:

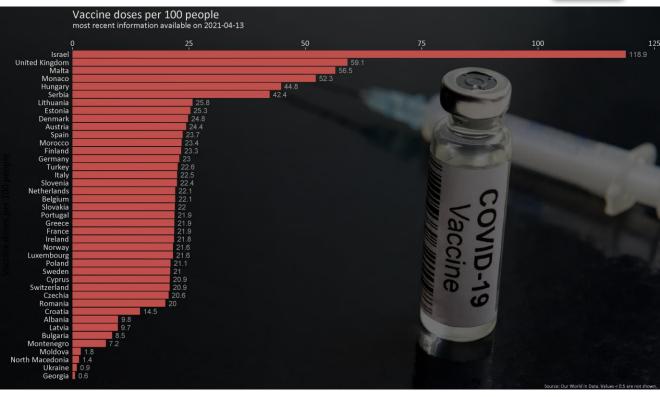
- **★ All-cargo** is the only segment increasing with **+11%**.
- **X Charter** decreased to -7%.
- **★ Business Aviation** decreased to -19%.
- **★ Traditional** remained very stable, declining by -67%.
- ★ After a minor blip over Easter, Low-Cost remains the most affected segment decreasing by -84% vs 2019.

Vaccination updates









- ★Inoculations against COVID-19 have started at the end of 2020 as shown with the daily number of COVID-19 vaccination doses administered per 100 people on the left hand-side graph.
- **★**On the right hand-side one: Estonia and Lithuania joined the 6 States where it is reported that more than 25 doses per hundred people have been administered by 13 April 2021.

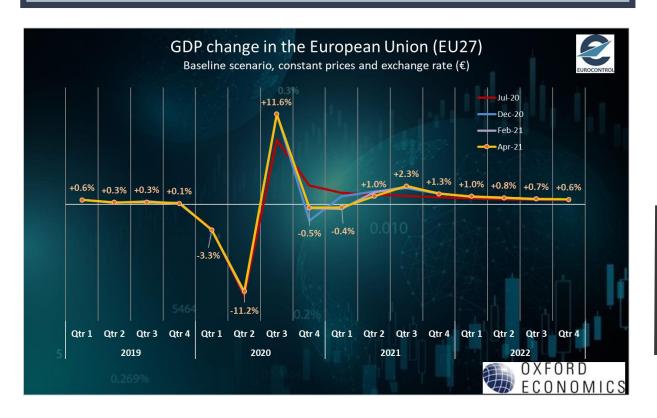
Graphs are showing data for the 41 Member and 2 Comprehensive Agreement States of EUROCONTROL.

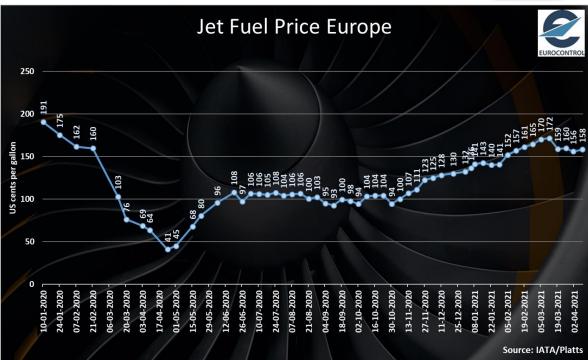
Economics





- **★ GDP (Oxford Economics):** slight downward revision for Q2 2021 (from +1.5% in February 2021 to +1% in April 2021 in the base scenario). Strongest rate of this year is expected in Q3.
- *At an annual level, 2021 is likely to record 4% growth in the base scenario, then 4.7% in 2022.





- **★ Jet fuel prices** remained stable since the beginning of March around 160 cts/gal and recorded **158 cts/gal** on 7 April 2021.
- ★ Current prices are comparable to year-ago levels, just before the COVID-19 outbreak start.



To further assist you in your analysis, EUROCONTROL provides the following additional information on a daily basis (daily updates at approximately 7:00 CET for the first item and 12:00 CET for the second) and every Friday for the last item:

1. EUROCONTROL Daily Traffic Variation dashboard:

<u>www.eurocontrol.int/Economics/DailyTrafficVariation</u> (or via the COVID-19 button on the top of our homepage <u>www.eurocontrol.int</u>)

• This dashboard provides traffic for Day+1 for all European States; for the largest airports; for each Area Control Centre (ACC); and for the largest airline operators.



2. COVID Related-NOTAMS with Network Impact (i.e. summary of airspace restrictions): https://www.public.nm.eurocontrol.int/PUBPORTAL/gateway/spec/index.html

• The Network Operations Portal (NOP) under "Latest News" is updated daily with a summary table of the most significant COVID-19 NOTAMs applicable at 12.00 UTC.



3. NOP Recovery Plan.

https://www.public.nm.eurocontrol.int/PUBPORTAL/gateway/spec/index.html

• This report, updated every Friday, is a special version of the Network operation Plan supporting aviation response to the COVID-19 Crisis. It is developed in cooperation with the operational stakeholders ensuring a rolling outlook.



For more information please contact aviation.intelligence@eurocontrol.int



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