COVID19 Impact on European Air Traffic
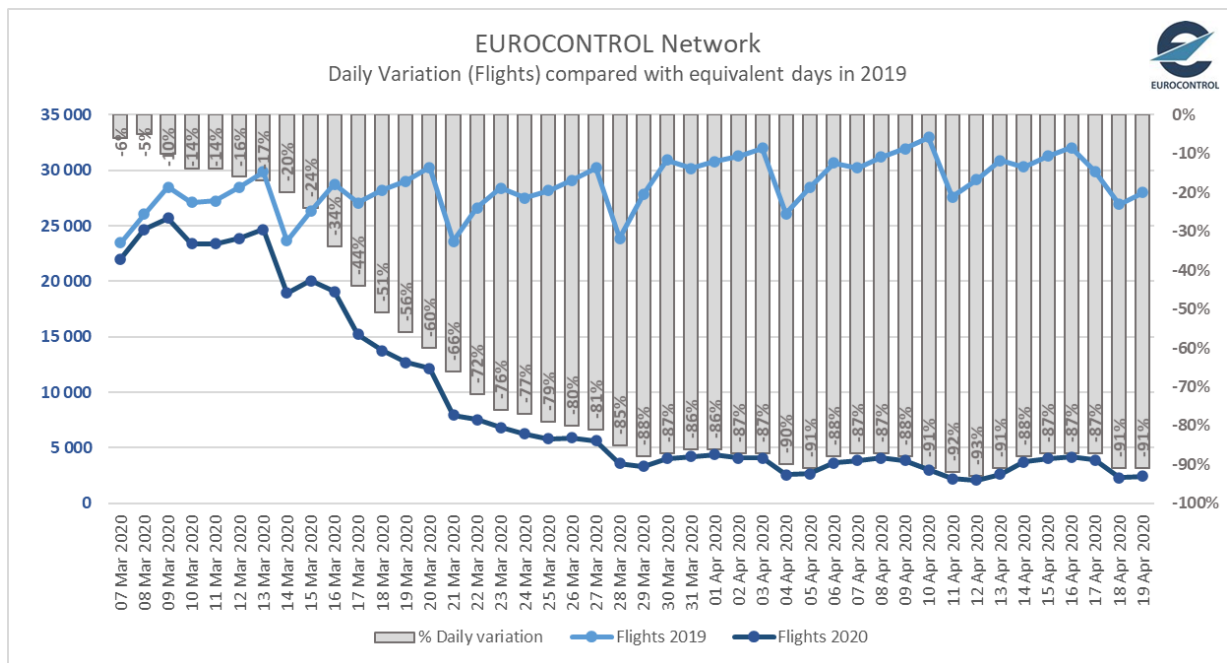## EUROCONTROL Comprehensive Assessment

Air Traffic situation: Sun 19 April & Week 16 (13-19 April) (compared with equivalent period in 2019)
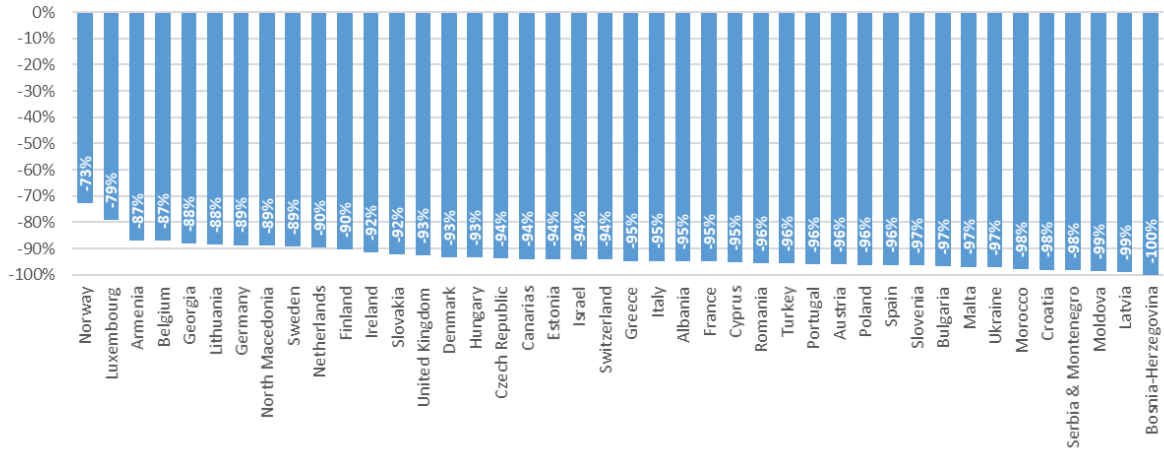
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1. **Summary points on the network situation:**

- **NM Network flights Sun 19 April:**   **2,455 flights**   **-91.2%** (**25,555** fewer flights)

- **Week #16 (13-19 April):**   **3,317 flights (daily avg)**   **-88.9%** (**186,051** fewer flights)
  - Saturday 18 was the quietest day of the week with 2,297 flights.
  - DHL Express was the busiest operator with an average of 167 movements per day, followed by Widerøe (154), Lufthansa (92), SAS (80) and Qatar (76).
  - Averaged across the week, Frankfurt was the busiest airport with an average of 202 movements per day followed by Heathrow (161), Oslo (143), Leipzig (143) and Schiphol (136).
  - No Rapid Air Mobility flights although notification has been received for some movements on the coming Tuesday.
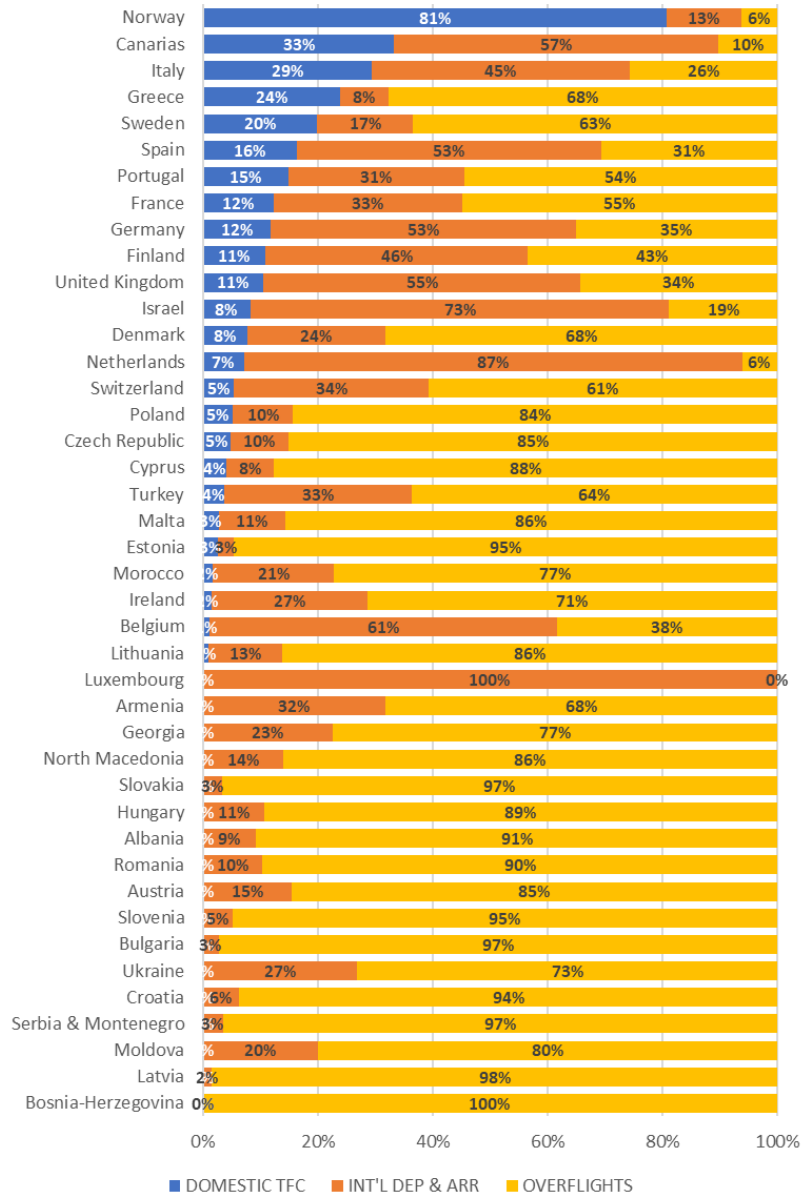 - The 'deficit' since 01 March 2020 totals 864,011 flights.

EUROCONTROL Network
Daily Variation (Flights) compared with equivalent days in 2019

States in EUROCONTROL Network
(compared with equivalent days in 2019)
Daily Variation (IFR Dep/Arr Flights) - Sun 19 Apr 2020

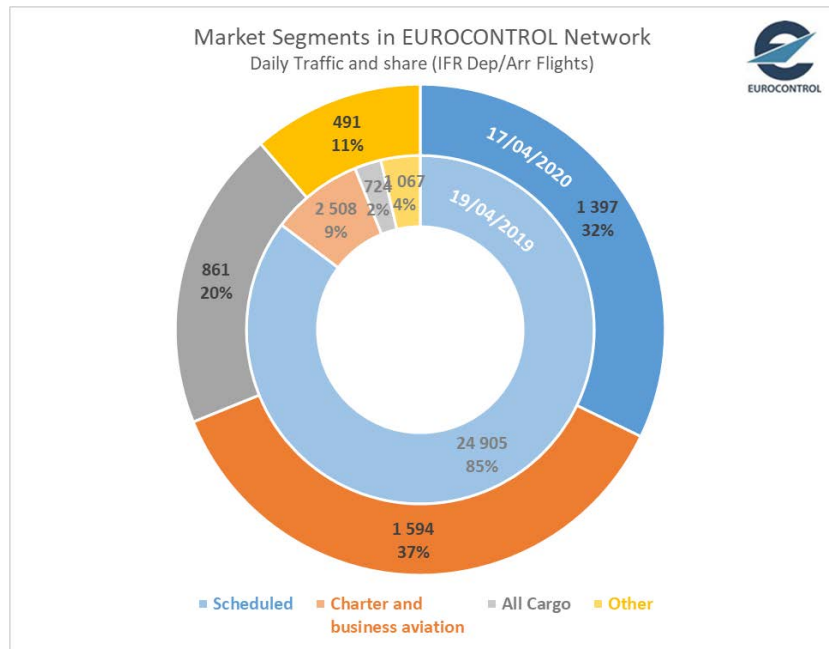| Country	Variation
Norway	-73%
Luxembourg	-79%
Armenia	-87%
Belgium	-87%
Georgia	-88%
Lithuania	-88%
Germany	-89%
North Macedonia	-89%
Sweden	-89%
Netherlands	-90%
Finland	-90%
Ireland	-92%
Slovakia	-92%
United Kingdom	-93%
Denmark	-93%
Hungary	-93%
Czech Republic	-94%
Canarias	-94%
Estonia	-94%
Israel	-94%
Switzerland	-94%
Greece	-95%
Italy	-95%
Albania	-95%
France	-95%
Cyprus	-95%
Romania	-96%
Turkey	-96%
Portugal	-96%
Austria	-96%
Poland	-96%
Spain	-96%
Slovenia	-97%
Bulgaria	-97%
Malta	-97%
Ukraine	-97%
Morocco	-98%
Croatia	-98%
Serbia & Montenegro	-98%
Moldova	-99%
Latvia	-99%
Bosnia-Herzegovina	-100%

Daily structure of traffic
Sun 19 April 2020

Country	DOMESTIC TFC	INT'L DEP & ARR	OVERFLIGHTS
Norway	81%	13%	6%
Canarias	33%	57%	10%
Italy	29%	45%	26%
Greece	24%	8%	68%
Sweden	20%	17%	63%
Spain	16%	53%	31%
Portugal	15%	31%	54%
France	12%	33%	55%
Germany	12%	53%	35%
Finland	11%	46%	43%
United Kingdom	11%	55%	34%
Israel	8%	73%	19%
Denmark	8%	24%	68%
Netherlands	7%	87%	6%
Switzerland	5%	34%	61%
Poland	5%	10%	84%
Czech Republic	5%	10%	85%
Cyprus	4%	8%	88%
Turkey	4%	33%	64%
Malta	3%	11%	86%
Estonia	3%	3%	95%
Morocco	%	21%	77%
Ireland	%	27%	71%
Belgium	%	61%	38%
Lithuania	%	13%	86%
Luxembourg	%	100%	0%
Armenia	%	32%	68%
Georgia	%	23%	77%
North Macedonia	%	14%	86%
Slovakia	3%		97%
Hungary	%	11%	89%
Albania	%	9%	91%
Romania	%	10%	90%
Austria	%	15%	85%
Slovenia	5%		95%
Bulgaria	3%		97%
Ukraine	%	27%	73%
Croatia	6%		94%
Serbia & Montenegro	3%		97%
Moldova	%	20%	80%
Latvia	2%		98%
Bosnia-Herzegovina	0%		100%

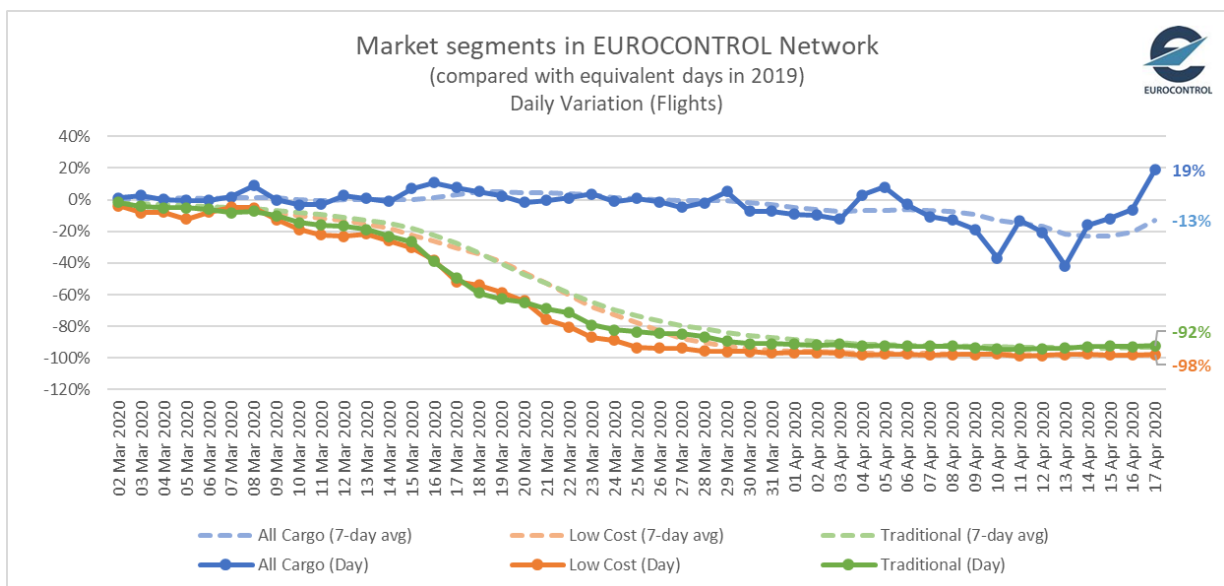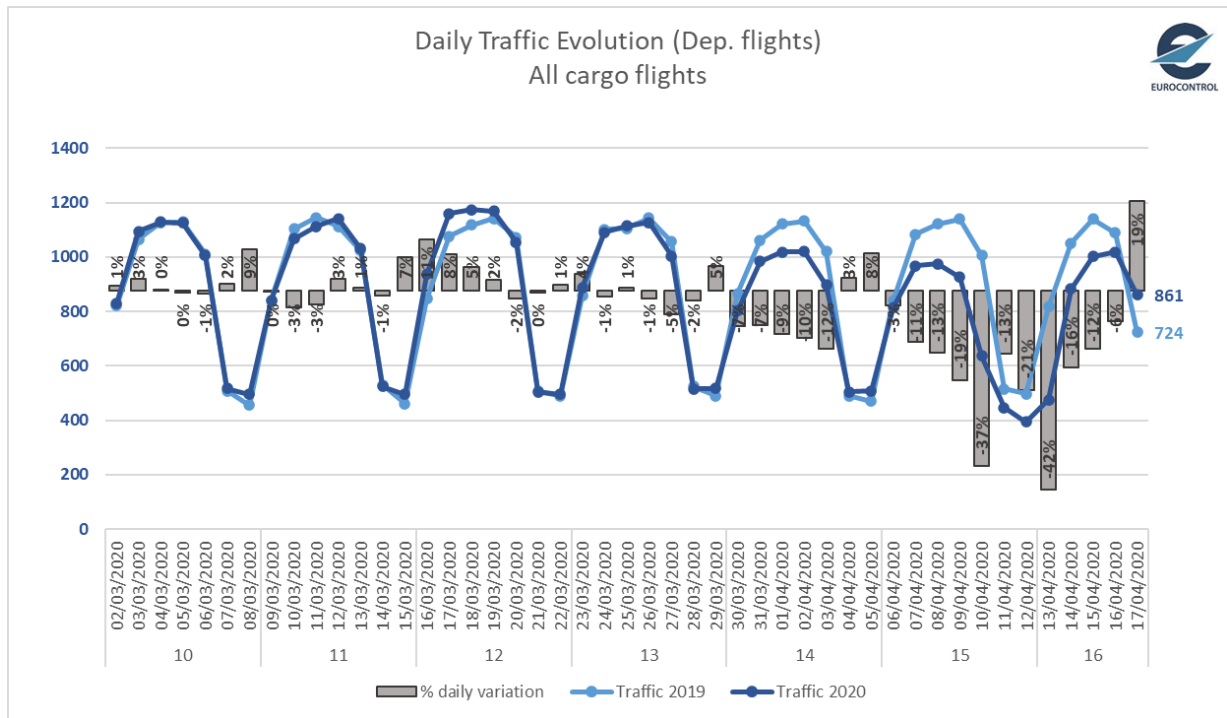■ DOMESTIC TFC ■ INT'L DEP & ARR ■ OVERFLIGHTS

2. Market Segments (Up to 17 April 2020)

- As per the chart on the right-hand side, this time last year, all-cargo flights accounted for about 2% of total Departure / Arrival flights, whereas now, it accounted for 20% on Friday 17 April 2020.

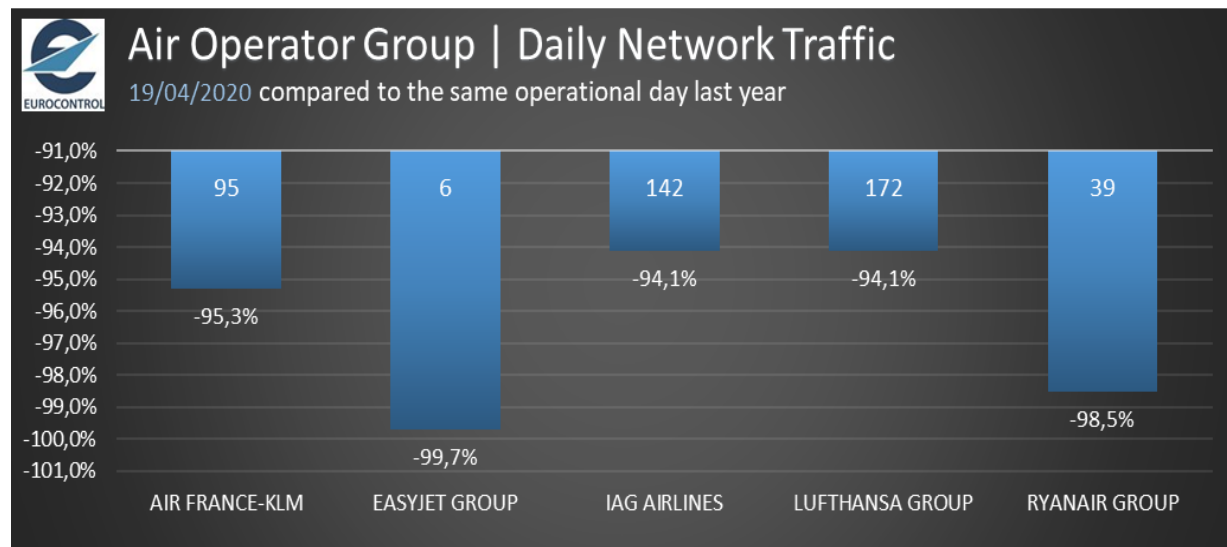- The share of scheduled traffic which accounted for 85% reduced to 32% only.

Market Segments in EUROCONTROL Network
Daily Traffic and share (IFR Dep/Arr Flights)

17/04/2020
19/04/2019

491 11%
724 2%
067 4%
2 508 9%
861 20%
1 397 32%
24 905 85%
1 594 37%

■ Scheduled   ■ Charter and business aviation   ■ All Cargo   ■ Other

- As per the chart below, it appears clearly that all-cargo flights remained close to the 2019 level until recently while scheduled and low-cost traffic reduced by 92% (respectively 98%) during the crisis.

- The recent reduction evident in the last few days of all-cargo (e.g. -13% as an average over the last 7 days before 17 April), is most likely related to the Easter period (which occurred on 21 April 2019 last year), as a similar patterns have been noted over the last few years. The 19% gain on 17th April 2020 illustrates the fluctuations as this is set against the Easter weekend of 2019 when cargo operations would have been lower.

Market segments in EUROCONTROL Network
(compared with equivalent days in 2019)
Daily Variation (Flights)

19%
-13%
-92%
-98%

- - - All Cargo (7-day avg)   - - - Low Cost (7-day avg)   - - - Traditional (7-day avg)
—●— All Cargo (Day)   —●— Low Cost (Day)   —●— Traditional (Day)
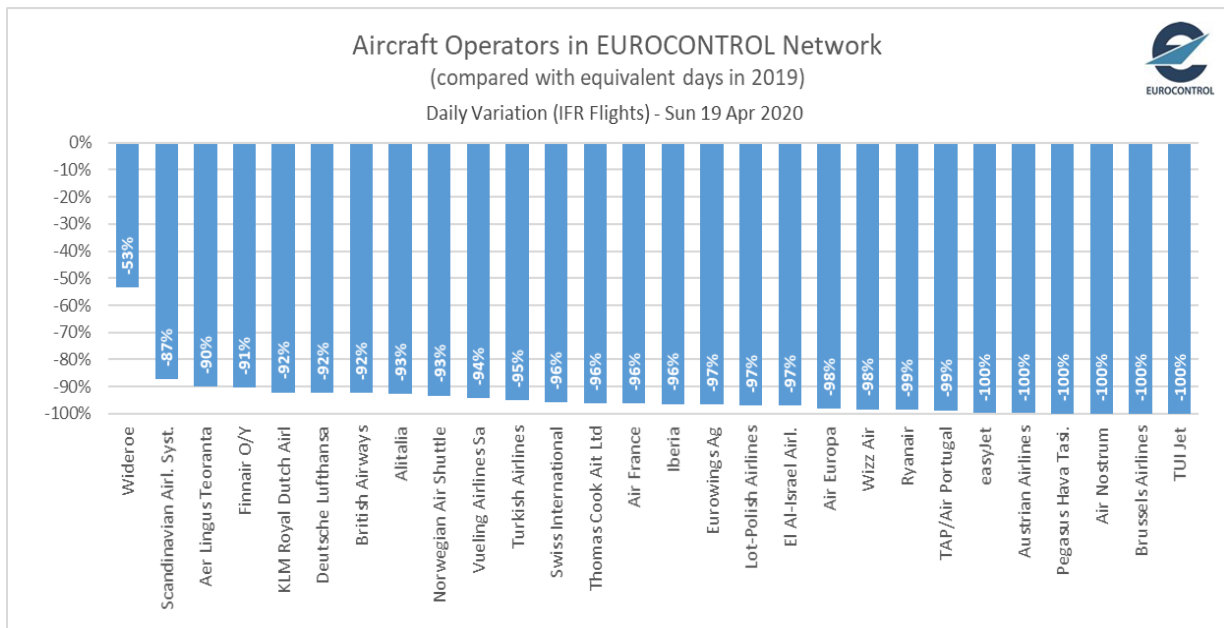
Daily Traffic Evolution (Dep. flights)
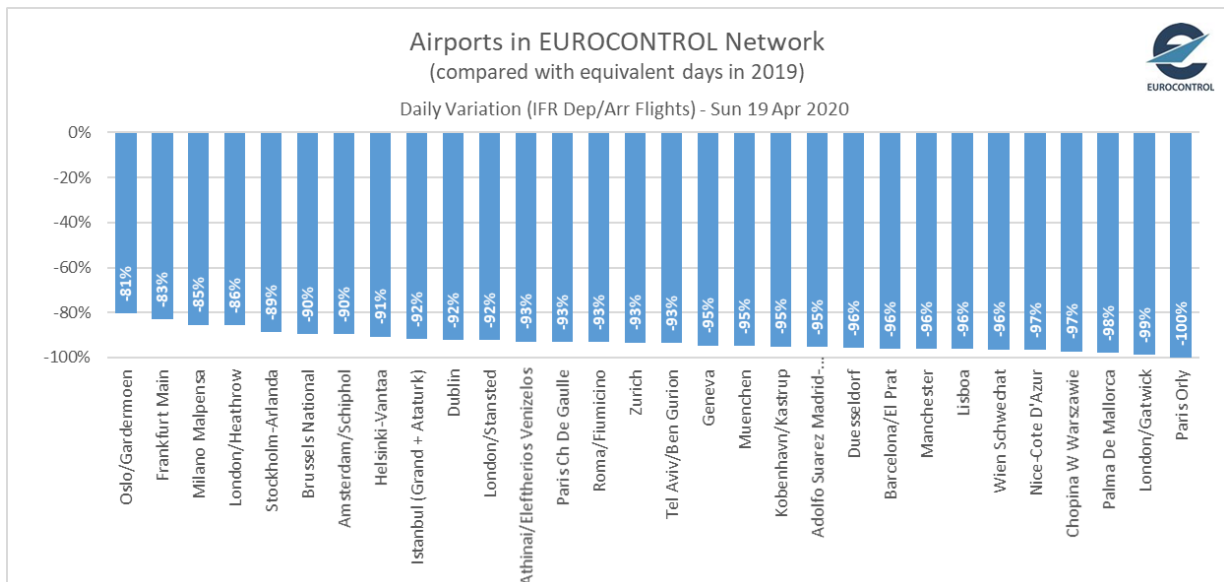All cargo flights

3. Airlines

- For the largest Air Operator Groups, the reductions on Sunday 19 April were: easyJet -99.7%, Ryanair Group -98.5%, Air-France-KLM -95.3%, IAG Airlines and Lufthansa Group -94.1%.

- On Sunday 19 April Air Nostrum, Pegasus, TUI Jet and Brussels Airlines had no operations at all, whilst easyJet, Austrian Airlines, TAP/Air Portugal and Ryanair were -99% with just a few flights. Iberia was -96%, Air France -96%, British Airways -92%, Lufthansa -92% and KLM -92%.

- Widerøe was the busiest Airline with 111 movements, followed by Lufthansa (91), Quatar Airways (84), SAS (79), Turkish airlines (69), DHL Express (69), British Airways (67) and KLM (56).
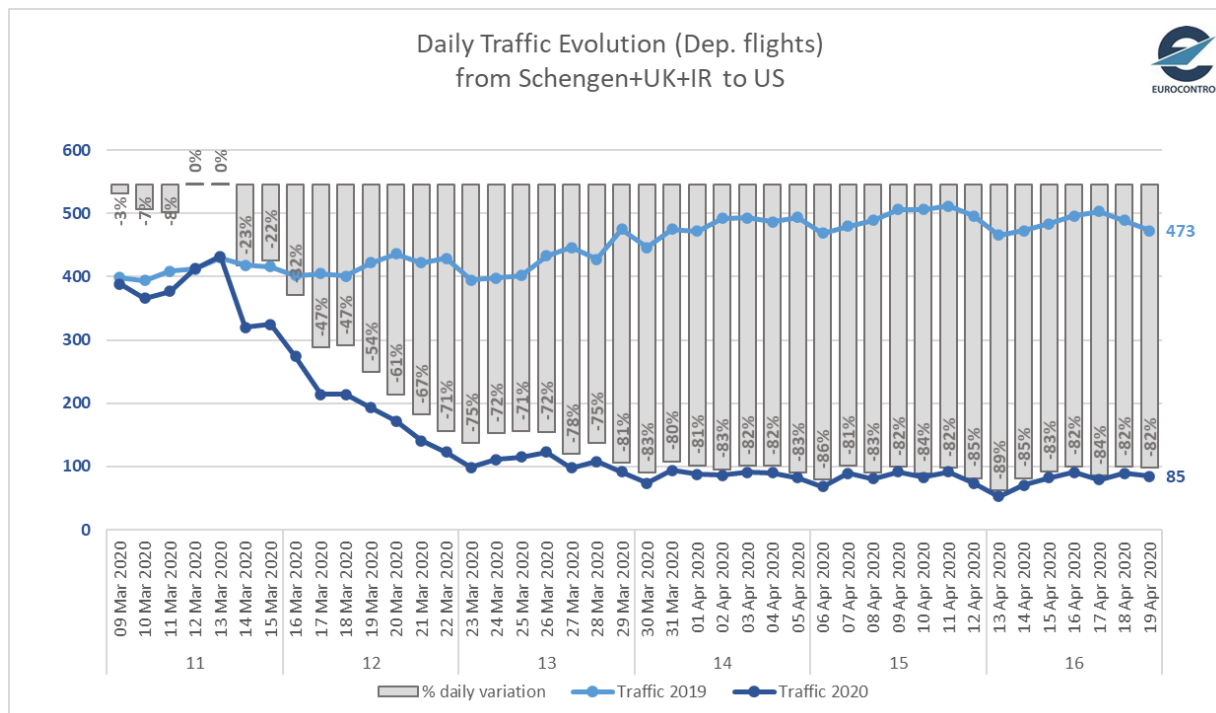

Air Operator Group | Daily Network Traffic
19/04/2020 compared to the same operational day last year

Aircraft Operators in EUROCONTROL Network
(compared with equivalent days in 2019)
Daily Variation (IFR Flights) - Sun 19 Apr 2020

4. Airports:

- On Sunday 19 April, virtually all of Europe's largest airports are now managing 90% fewer flights compared to last year, examples: Paris Orly -100%, London Gatwick -99%, Vienna -96%, Munich -95%, Madrid -95%, Paris CDG -93%, Athens -93%, Dublin -92%, Istanbul -92%, Amsterdam -90%, London Heathrow -86%, Milan Malpensa -85%, and Frankfurt -83%.

- On Sunday 19 April, Frankfurt was the busiest airport with 216 movements, followed by London/Heathrow with 190, Amsterdam (147), Oslo Gardermoen (118), Leipzig (106) and Istanbul (104).

Airports in EUROCONTROL Network
(compared with equivalent days in 2019)
Daily Variation (IFR Dep/Arr Flights) - Sun 19 Apr 2020

5. Europe / USA Traffic

- By Sunday 19 April, traffic between Europe and USA, was down by 82% compared to 2019 with some 79 daily flights on average over the last 7 days. This level is stable since 29 March.

Daily Traffic Evolution (Dep. flights) from Schengen+UK+IR to US

To further assist you in your analysis, EUROCONTROL provides the following additional information on a daily basis (daily updates at approximately 12:00 CET):

1. **EUROCONTROL Daily Traffic Variation dashboard:**
   www.eurocontrol.int/Economics/DailyTrafficVariation (or via the COVID-19 button on the top of our homepage www.eurocontrol.int)
   - This dashboard will provide 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 public Network Operations Portal (NOP) under "Latest News" will be updated daily with a summary table of the most significant COVID-19 NOTAMs applicable at 12.00 UTC.