ANS performance briefing - Germany

EUROCONTROL Performance Review Unit

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EUROCONTROL

Preface

This performance briefing has been prepared by the EUROCONTROL Performance Review Unit (PRU) in the interest of the exchange of information.

If you have any questions related to this document or if we can help with any ANS performance related matter, then please do not hesitate to contact us: pru-support@eurocontrol.int

Key observations

TRAFFIC

- Following the high traffic increase already in 2017 ..
- The strong growth ..
- As a result ..

SAFETY

- No data available

CAPACITY

En-route ATFM delays

- No en-route ATFM delay..

Airport arrival ATFM delays

- No airport arrival ATFM delay..

ENVIRONMENT

Horizontal en-route flight efficiency

- In 2008, Finland..

Vertical en-route flight efficiency

Vertical flight efficiency during climb and descent

COST-EFFECTIVENESS

- ARMATS represents.. see [1]
- Since ARMATS did not..
- Compared to the..

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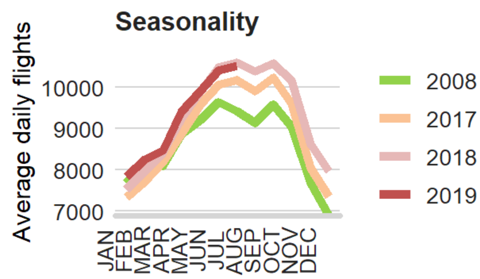
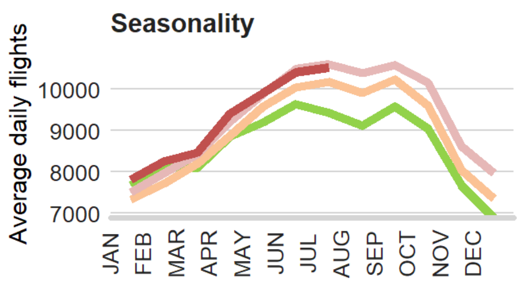
1 Institutional arrangements

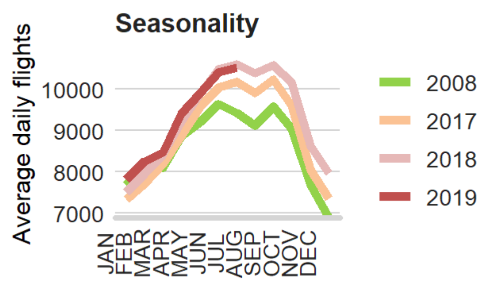
2 Traffic characteristics

Sources: NM; STATFOR[2]; PRU ANS Performance Data Portal [3]; CRCO Service Unit Dashboard [4]

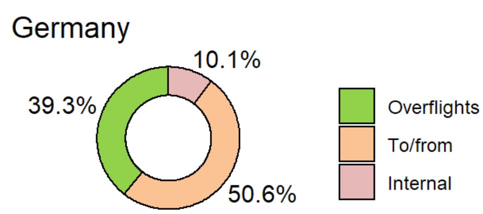
Traffic evolution (Germany)		
Traffic growth 2018 (full year)		+4.4%
Forecast growth 2019 (STATFOR Feb. 2019)	Baseline	0.0%
	High	0.0%
	Low	0.0%
Average annual growth rate (2008-2019)		0.0%
Average annual growth rate (2014-2019)		0.0%
Forecast annual average growth rate (2019-2025)		0.0%







Germany (Jan-Jul)	2019	vs 2018
Total flights	1963854	+1.0%
Overflights	772453	-0.0%
To/from	992812	+1.7%
Internal	198589	+1.8%



Germany (Jan-Jul)	2019	vs 2018
Scheduled	1035430	+ 2.3%
Lowcost	624440	+ 1.2%
Business	115011	-6.0%
Cargo	87316	-0.6%
Non-Scheduled	50132	-2.0%
Military	11438	-0.9%
Other	40087	-2.9%

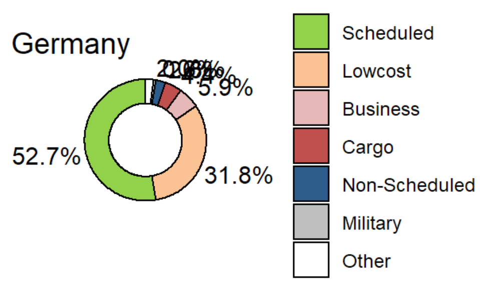


Figure 1: Traffic characteristics (IFR flights)

3 Safety

4 Capacity

4.1 Air traffic flow management (ATFM) delays

Source : NM, PRU ANS Performance Data Portal
The data in this section is from the PRU ANS performance data portal (data section).
It is available at: http://ansperformance.eu/data/performancearea/

4.1.1 En-route ATFM delays

4.1.2 Airport arrival ATFM delays

5 Environment

Source : PRU ANS Performance Data Portal The data in this section is from the PRU ANS performance data portal (data section).
It is available at: http://ansperformance.eu/data/performancearea/

5.1 Horizontal en-route flight efficiency

- Horizontal en-route flight efficiency (actual trajectory) was 91.9% in the EUROCONTROL area in 2018.

5.2 Vertical en-route flight efficiency

5.3 Vertical flight efficiency during climb & descent

6 Cost-effectiveness

7 Annex 1: Evolution of cost-effectiveness performance (2012-2017)

8 Annex 2: Network Operations Plan (2018-2019/22)

8.1 YEREVAN ACC

References

[1] Performance Review Unit, "ATM cost-effectiveness (ace) 2015 benchmarking report with 2016-2020 outlook," EUROCONTROL/PRU, Report, May 2017.

[2] STATFOR, "EUROCONTROL seven-year forecast february 2019," EUROCONTROL/STATFOR, Report, 2017.

[3] Performance Review Unit, "ANS performance data portal," 2019. [Online]. Available: http://ansperformance.eu/.

[4] CRCO, "Service unit dashboard," 2019. [Online]. Available: http://www.eurocontrol.int/ServiceUnits/Dashboard/LongTermEvolution.html.