

ANS performance briefing - Germany

EUROCONTROL Performance Review Unit

30/Sep/2019



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

The information may be copied in whole or in part providing that the copyright notice and disclaimer are included.

The views expressed herein do not necessarily reflect the official views or policy of EUROCONTROL, which makes no warranty, either implied or express, for the information contained in this document, neither does it assume any legal liability or responsibility for the accuracy, completeness or usefulness of this information.

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..

Contents

Preface	2
Key observations	3
1 Institutional arrangements	6
2 Traffic characteristics	7
3 Safety	9
4 Capacity	10
4.1 Air traffic flow management (ATFM) delays	10
4.1.1 En-route ATFM delays	11
4.1.2 Airport arrival ATFM delays	12
5 Environment	13
5.1 Horizontal en-route flight efficiency	13
5.2 Vertical en-route flight efficiency	13
5.3 Vertical flight efficiency during climb & descent	13
6 Cost-effectiveness	14
7 Annex 1: Evolution of cost-effectiveness performance (2012-2017)	15
8 Annex 2: Network Operations Plan (2018-2019/22)	16
8.1 YEREVAN ACC	16
References	17

List of Figures

1	Traffic characteristics (IFR flights)	7
2	Traffic evolution and en-route ATFM delay	11

1 Institutional arrangements

2 Traffic characteristics

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

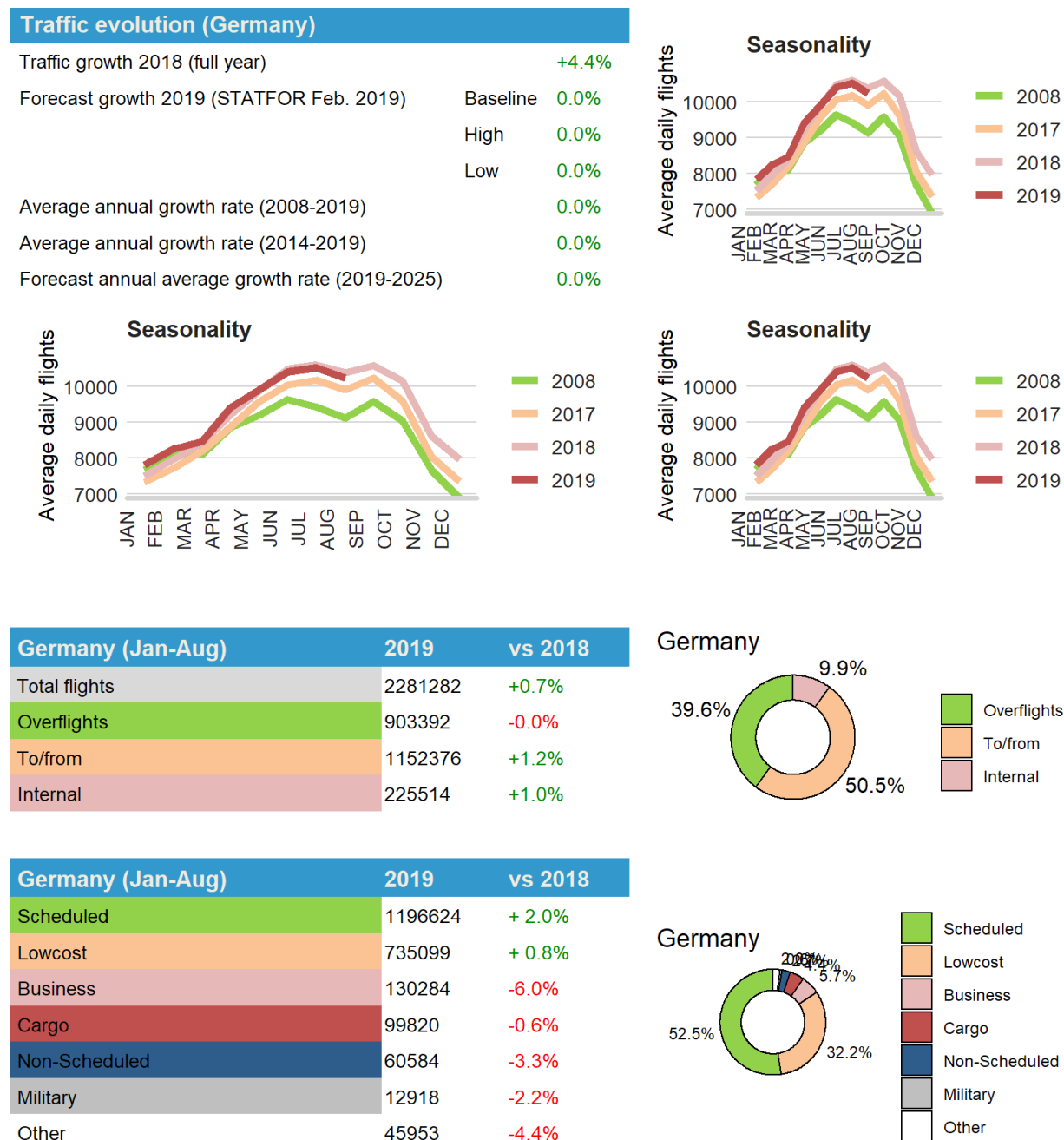


Figure 1: Traffic characteristics (IFR flights)

- Traffic in the UK has been growing steadily since 2013. In 2018, traffic increased by +0.9% which was in line with the low traffic scenario in the Feb. 2018 STATFOR forecast. Between 2013 and 2018, traffic increased by 15.0% to reach a level comparable to the pre-crisis level of 2008
- In the first 8 months of 2019, traffic in the UK increased by +1.7% compared to the same period in 2018

- The largest traffic segment is traffic from and to Germany (50.5%), followed by overflights (39.6%) and domestic flights (9.9%).
- According to the latest available forecast, (STATFOR Feb. 2019), traffic in the UK is expected to grow at an annual average rate of 1.4% between 2019 and 2025 (baseline scenario) [High:+2.2; Low:+0.2%]. A controlled Brexit is considered in the baseline scenario, while a hard Brexit is considered in the low scenario.

3 Safety

4 Capacity

4.1 Air traffic flow management (ATFM) delays

Source: NM, PRU ANS Performance Data Portal [3] 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

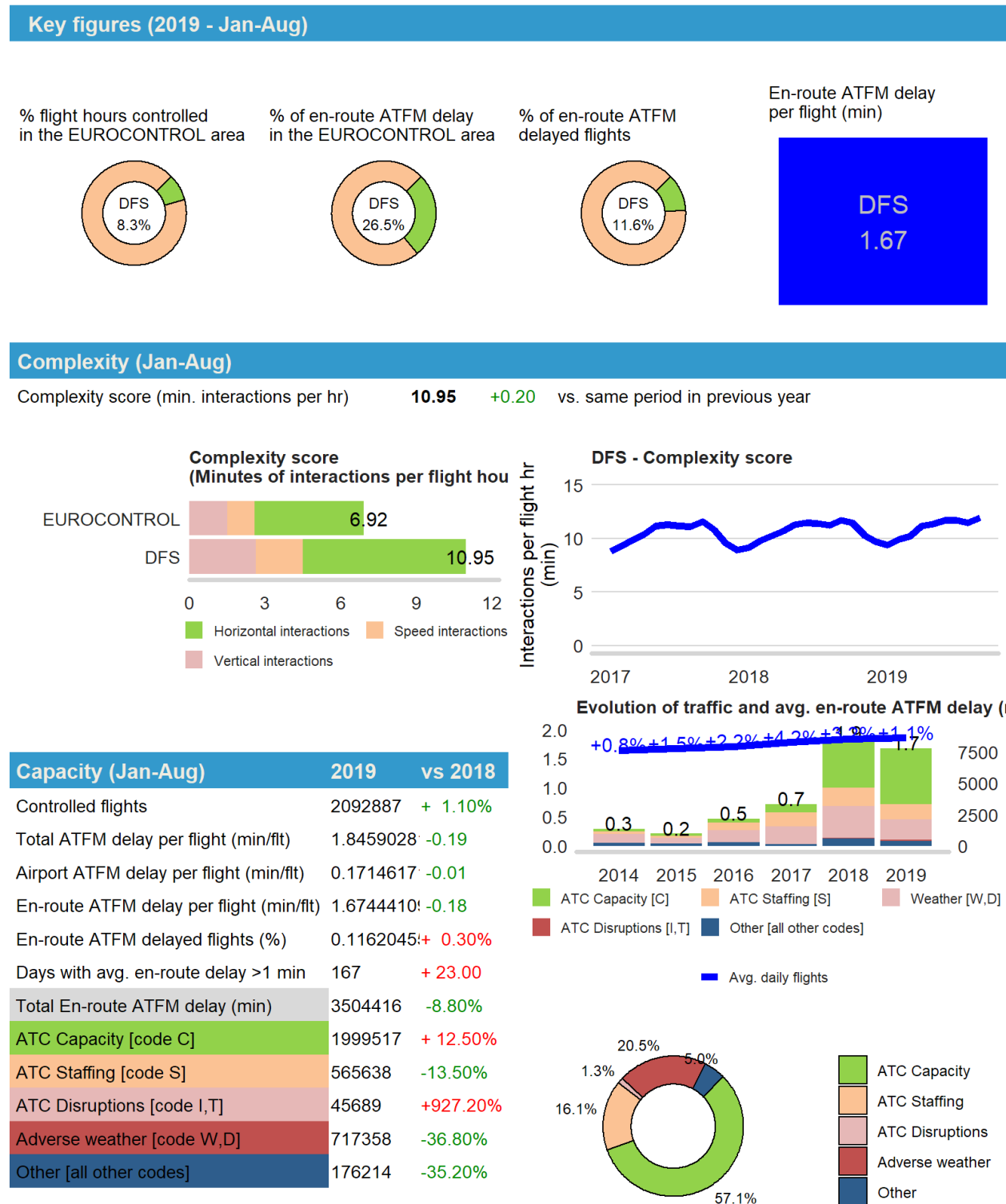


Figure 2: Traffic evolution and en-route ATFM delay

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>.