ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

ICAO document

CORSIA Annual Sector's Growth Factor (SGF)



October 2026

CORSIA

Carbon Offsetting and Reduction Scheme for International Aviation

This ICAO document is referenced in Annex 16 — *Environmental Protection*, Volume IV — *Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)*. This ICAO document is material approved by the ICAO Council for publication by ICAO to support Annex 16, Volume IV, and is essential for the implementation of the CORSIA. This ICAO document is available on the ICAO CORSIA website and may only be amended by the Council.

The table below shows the amendments to this ICAO document over time, together with the dates on which the amendments were published on the ICAO website.

Amendments to the ICAO document
"CORSIA Annual Sector's Growth Factor (SGF)"

Edition	*Amendment*	*Published*
1st	Sector's Growth Factor (SGF) for year 2021	31 October 2022
2nd	Sector's Growth Factor (SGF) for year 2022	31 October 2023
3rd	Sector's Growth Factor (SGF) for year 2023	31 October 2024
4th	Sector's Growth Factor (SGF) for year 2024	31 October 2025
4th/ Rev.1	Sector's Growth Factor (SGF) for year 2024, revised for alignment with Annex 16, Volume IV, Part II, Chapter 3, 3.2.2, Note 2.	12 December 2025
5th	Sector's Growth Factor (SGF) for year 2025	31 October 2026

CORSIA Annual Sector's Growth Factor (SGF)
Year: 2025

This ICAO CORSIA document contains the Sector's Growth Factor (SGF) that will be used by each State in the calculation of the annual amount of CO_2 emissions required to be offset, by each aeroplane operator attributed to it, prior to consideration of the CORSIA eligible fuels, in accordance with Annex 16, Volume IV, Part II, Chapter 3, 3.2.

The 2025 SGF value (SGF_y) is provided in the table below and has been calculated using the formula in Note 1 to Annex 16, Volume IV, Part II, Chapter 3, 3.2.2:

$$SGF_y = \frac{(SE_y - SE_{B,y})}{SE_y}$$

where:

- y is the year 2025;
- B is the year 2019 according to Assembly Resolution A42-22, paragraph 11 b), which specifies that, during the first phase, the baseline of CORSIA will be based on 85 per cent of the 2019 CO_2 emissions;
- SE_y is the total 2025 CO_2 emissions for all State pairs subject to offsetting requirements based on the participation of 129 States as per edition 5, Revision 1 of ICAO CORSIA document "*CORSIA States for Chapter 3 State Pairs*"[1];
- $SE_{B,y}$ is 85 per cent of total 2019 CO_2 emissions for all State pairs subject to offsetting requirements in 2025 based on the participation of 129 States as per edition 5, Revision 1 of ICAO CORSIA document "*CORSIA States for Chapter 3 State Pairs*"[1].

Detailed CO_2 emissions for 2019 and 2025 have been published in Parts II and III, respectively, of ICAO document *"CORSIA Central Registry (CCR): Information and Data for Transparency"* that is available on the ICAO CORSIA website.[2]

Total 2025 CO_2 emissions for all State pairs subject to offsetting requirements (SE_y)	373,795,420[a]
85 per cent of total 2019 CO_2 emissions for all State pairs subject to offsetting requirements in the year 2025 ($SE_{B,y}$)	305,922,865[a]
2025 Sector's Growth Factor (SGF_y)	0.18157674

[a] *Total CO_2 emissions were rounded to the nearest tonne.*

Each State is to use the SGF_{2025} value above for the purposes of calculating the 2025 CO_2 offsetting requirements for each aeroplane operator attributed to it.

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[1] https://www.icao.int/CORSIA/corsia-states-chapter-3-state-pairs
[2] https://www.icao.int/CORSIA/CCR