

Boeing: Greenhouse Gas Emissions Supplement to the 2023 Sustainability Report Scopes 1 - 3

The commercial aviation industry set the world's first sectoral targets for CO

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We regularly refine our approach to calculating relevant categories of Scope 3 emissions, aligned with industry standards and best practices. Our recent CDP climate reports provide a clear example: we disclosed Scope 3 – Category 11

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Boeing GHG emissions (million metric tons CO₂e)^a

Scope & Category of Emissions	2022	2021	2020	2019	2018	2017
Scope 1	0.642	0.612	0.554	0.609	0.622	0.634
Scope 2 (Market-Based)	0.401	0.446	0.526	0.606	0.593	0.609
Scope 3 (Total Categories 6 and 11)	385	300	243	510	719	758
Category 6: Business Travel	0.186	0.0	0.092	0.290	0.320	0.285
Category 11: Use of Sold Products	385 ^b	300 ^b	243 ^b	510 ^b	719 ^b	758
Direct Combustion	335	261	212	445	627	660
Indirect Fuel Production	50	39	32	66	93	98
Total of All Calculated Emissions	386	301	244	512	721	760

^a data are presented with appropriate level of accuracy and significant figures

^b totals may not appear to match sum of direct & indirect emissions because of rounding

The Path Forward

Boeing has set product targets in alignment with the commercial aviation industry's global sectoral ambitions for net zero commercial aviation by 2050. For defense products, we are actively working with and listening to our government customers to understand and support their future requirements. We've set targets for our operations based on benchmarking against leading industrial and corporate performers and by using the scientific basis relevant to the time when we set the goals. Boeing's 2023 Sustainability Report highlights our ambitions, and we will share any additional metrics and milestones toward our goals in our next report. We affirm the importance of transparency with all of our stakeholders, and our climate disclosures will continue to be responsive to the input from our employees, customers, communities, suppliers, regulatory and government officials and our finance community.