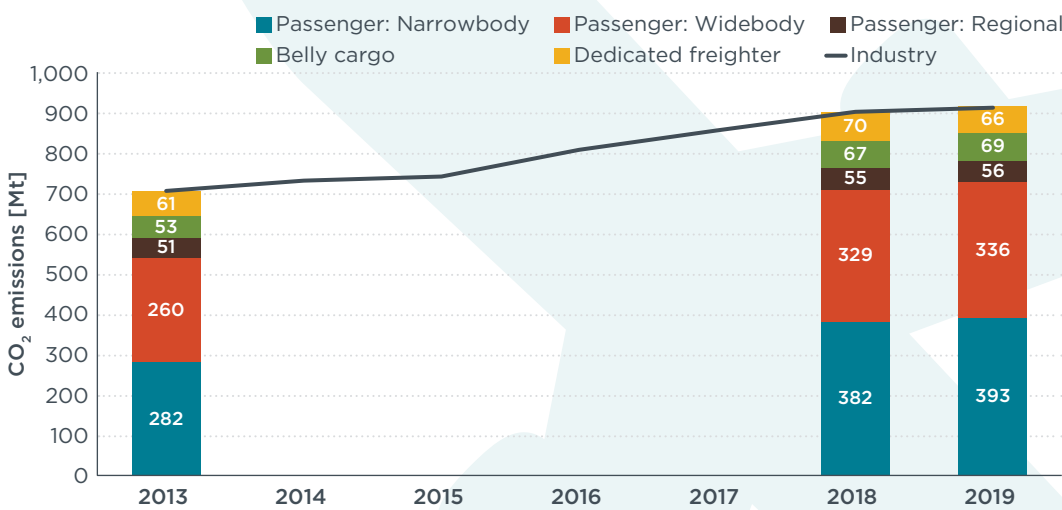


CO₂ EMISSIONS FROM COMMERCIAL AVIATION: 2013, 2018, AND 2019

To better understand the carbon emissions associated with commercial aviation, this study updated a bottom-up, global aviation CO₂ inventory for 2013, 2018, and 2019.



918
million tonnes CO₂ from passenger and freight transport in 2019

29%
increase since 2013

Passenger transport
85%

TOP CO₂ EMITTERS, 2019 (passenger transport, based on country of departure)

United States
179 Mt
▲ 19% since 2013

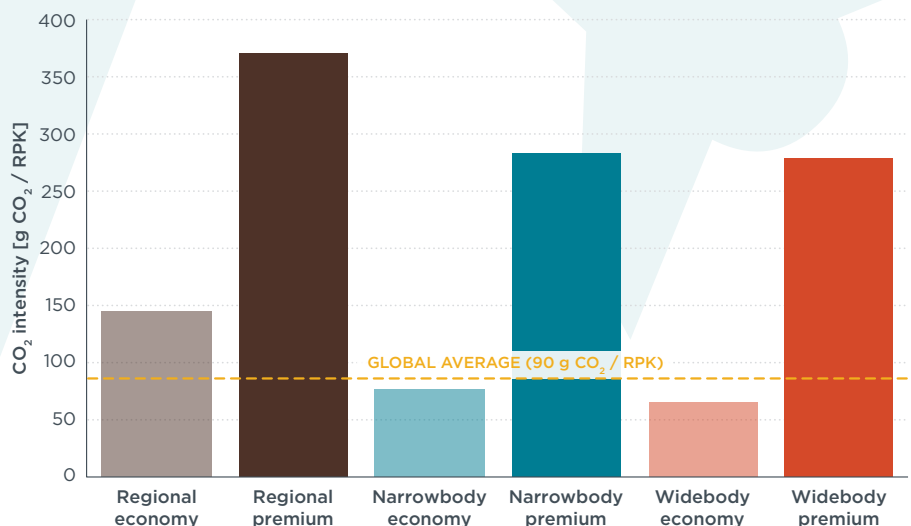
European Union
152 Mt
▲ 30% since 2013

China
103 Mt
▲ 66% since 2013

19%
of global aviation CO₂ in 2019 from premium seating (first and business classes)

15% from freight transport

2.6 to 4.3
times higher CO₂ intensity for premium seating versus economy



For the full study: <https://theicct.org/publications/co2-emissions-commercial-aviation-2020>