

# Global CO<sub>2</sub> emissions from commercial aviation

918 million tonnes of CO<sub>2</sub> in 2018

2.4% of total CO<sub>2</sub> emissions from fossil fuels

## Total commercial aviation

Passenger flights  
81% of aviation emissions

Freight  
19% of emissions

## Passenger aviation

International passenger flights  
60% of passenger emissions

Domestic passenger flights  
40% of passenger emissions

## Passenger by distance

Short-haul  
( $< 1,500$  km)  
33.3% of emissions

Medium-haul  
(1,500 – 4,000 km)  
33.3% of emissions

Long-haul  
( $> 4,000$  km)  
33.3% of emissions

## Passenger by country of departure

High-income countries  
(16% of population)  
62% of emissions

Upper-middle income  
(35% of population)  
28% of emissions

Lower-middle income  
(40% of population)  
9% of emissions

Low income  
(9% of population)  
1% of emissions