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**Airplane**



**Car**

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**BUS**

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**Train**

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Rank:  
**5**



**285 g CO<sub>2</sub>**

Overall carbon footprint emitted (in grams of CO<sub>2</sub>) per passenger kilometre

**Airplanes** have a substantial carbon footprint and by far the biggest impact on climate per kilometre travelled. It is driven from CO<sub>2</sub> and other greenhouse gases emissions (from aviation kerosene and gasoline) and formation of cirrus clouds that have a strong climate impact.

Source: EEA's annual Transport and Environment Reporting Mechanism (2014)  
<https://www.eea.europa.eu/media/infographics/co2-emissions-from-passenger-transport/view>

Rank:  
**4**



**158 g CO<sub>2</sub>**

Overall carbon footprint emitted (in grams of CO<sub>2</sub>) per passenger kilometre

**Cars** have a big carbon footprint, specially considering conventional private vehicles that emit CO<sub>2</sub> and other greenhouse gases from petrol and diesel fuels. Consider carpooling and car-sharing when driving. Also, consider changing your oil-based car for a renewable electric car.

Source: EEA's annual Transport and Environment Reporting Mechanism (2014)  
<https://www.eea.europa.eu/media/infographics/co2-emissions-from-passenger-transport/view>

Rank:  
**3**



**68 g CO<sub>2</sub>**

Overall carbon footprint emitted (in grams of CO<sub>2</sub>) per passenger kilometre

**Buses** have a mid level carbon footprint per passenger kilometre. Despite using diesel as fuel, buses are public shared transport and their use can reduce your CO<sub>2</sub> (and other greenhouse gases) emission. Consider commute to work or school by bus and travel by coach and train.

Source: EEA's annual Transport and Environment Reporting Mechanism (2014)  
<https://www.eea.europa.eu/media/infographics/co2-emissions-from-passenger-transport/view>

Rank:  
**2**



**14 g CO<sub>2</sub>**

Overall carbon footprint emitted (in grams of CO<sub>2</sub>) per passenger kilometre

**Trains** have a low level carbon footprint, being mainly electric and shared by many passengers. They produce the least CO<sub>2</sub> or other greenhouse gas emissions of most popular types of transport.

Source: EEA's annual Transport and Environment Reporting Mechanism (2014)  
<https://www.eea.europa.eu/media/infographics/co2-emissions-from-passenger-transport/view>