

Some Quick Carbon Conversions for 2017-18

The following table provides you with some approximate carbon conversions to help you understand the emissions impacts of your activities.

Average values are provided for each transport mode as an indication only. Type of vehicle and length of journey will significantly affect the carbon factors and these can cover a range of values.

All of these conversion factors can change slightly over time depending on how your electricity is generated or how your waste is processed among other factors. To find detailed and accurate current conversion factors go to:

<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

Any calculations performed using these figures should always be regarded as estimates.

Fuel	Kg CO₂ eq
Electricity per kWh	0.38
Natural Gas per kWh	0.18
LPG per litre	1.5
Fuel Oil per litre	0.27
Transport	Kg CO₂ eq
Car mileage (average car)	0.24 per mile
Bus	0.16 per passenger mile
Train	0.07 per passenger mile
Metro	0.07 per passenger mile
Flight(average for all distances)	0.34 per passenger mile
Vehicles	Kg CO₂ eq per litre
Petrol	2.2
diesel	2.6
Waste (landfill)	Kg CO₂ eq
Per Bin bag (80 litres)	4
Per tonne	600
Per litre	0.05
Mixed Recycling	Kg CO₂ eq
Per Bin bag (80 litres)	0.4
Per tonne	21
Per litre	0.004
Water	Kg CO₂ eq
Supply and Waste water	0.7 per m ³