

Converting fuel types to CO ₂ e 2024 (next publication date 10/06/2025)						
Fuel Type		Measurement Unit	Quantity (insert)	Multiply	Emissions Factor kgCO ₂ / per measurement unit	Emissions in CO ₂ tonnes
Utilities	Electricity	kWh	0	x	0.20705	0.00
	Natural Gas	kWh	0	x	0.1829	0.00
	Water Supply	m ³	0	x	0.15311	0.00
	Water Treatment	m ³	0	x	0.18574	0.00
	Commercial and Industrial waste (landfill)	tonne	0	x	520.3342	0.00
	Commercial and Industrial waste (combustion)	tonne	0	x	6.41061	0.00
Refrigerant Gases	HFC-134a	kg	0	x	1300	0.00
	R404A	kg	0	x	3943	0.00
	R407C	kg	0	x	1624	0.00
	R410A	kg	0	x	1924	0.00
Travel	Average Car Petrol (owned assets)	km	0	x	0.1645	0.00
	Average Car Diesel (owned assets)	km	0	x	0.16984	0.00
	Average Car Plug-in Hybrid Electric (owned assets)	km	0	x	0.09314	0.00
	Average Car Battery Electric Vehicle (owned assets)	km	0	x	0	0.00
	Average Motorbike Petrol (owned assets)	km	0	x	0.11367	0.00
	Average Van Diesel (non owned assets)	km	0	x	0.25023	0.00
	Average Van Petrol (non owned assets)	km	0	x	0.22095	0.00
	Regular taxi	Passenger km	0	x	0.14861	0.00
	Petrol (average biofuel blend) owned assets	litres	0	x	2.0844	0.00
	Diesel (average biofuel blend) owned assets	litres	0	x	2.51279	0.00
	Diesel (100% mineral diesel) owned assets	litres	0	x	2.66155	0.00
	Average Local Bus	Passenger km	0	x	0.10846	0.00
	Average Coach	Passenger km	0	x	0.02717	0.00
	National Rail Travel	Passenger km	0	x	0.03546	0.00
	International Rail Travel	Passenger km	0	x	0.00446	0.00
	Air Travel Flights Short Haul within Europe (economy class) with RF	Passenger km	0	x	0.18287	0.00
	Air Travel Flights Long Haul outside Europe (economy class) with RF	Passenger km	0	x	0.20011	0.00
	Air Travel Flights Domestic UK with RF	Passenger km	0	x	0.27257	0.00