

				Emission factor entry, kgCO ₂ e/unit						
Notes	Classification	Emission Source	Unit	2019	2020	2021	2022	2023	2024	2025
	Energy based factors	Grid Electricity	kWh	0.661	0.661	0.661	0.661	0.661	0.661	0.661
	Energy based factors	Grid Electricity T&D Losses	kWh	0.056	0.056	0.056	0.056	0.056	0.056	0.056
Litres must be converted to kWh	Energy based factors	Burning Oil	kWh	0.247	0.247	0.247	0.25	0.25	0.247	0.247
Emissions per unit of heat delivered to council assets	Energy based factors	District Heating	kWh	0.067	0.055	0.074	0.025	0.04	0.043	0.05
Tonnes must be converted to kWh	Energy based factors	Wood pellets	kWh	0.016	0.016	0.015	0.011	0.011	0.011	0.012
Tonnes must be converted to kWh	Energy based factors	Coal	kWh	0.363	0.363	0.363	0.363	0.365	0.365	0.365
Litres must be converted to kWh	Energy based factors	LPG	kWh	0.214	0.214	0.214	0.21	0.21	0.021	0.215
Litres must be converted to kWh	Energy based factors	Diesel	kWh	0.245	0.241	0.237	0.24	0.252	0.239	0.244
Litres must be converted to kWh	Energy based factors	Gas oil	kWh	0.257	0.257	0.257	0.26	0.26	0.256	0.257
Litres must be converted to kWh	Energy based factors	Marine Gas Oil	kWh	0.258	0.258	0.258	0.26	0.258	0.258	0.258
Litres must be converted to kWh	Energy based factors	Aviation Spirit	kWh	0.245	0.245	0.244	0.24	0.244	0.244	0.244
Litres must be converted to kWh	Energy based factors	Sustainable Aviation Fuel	kWh	0.122	0.122	0.122	0.122	0.122	0.122	0.122
	Energy based factors	HVO	litres	0.032	0.166	0.036	0.036	0.036	0.036	0.036
Litres must be converted to kWh	Energy based factors	Biodiesel	kWh	0.003	0.018	0.018	0.018	0.239	0.018	0.168
	Usage based factors	Water Supply	cubic meters	0.344	0.344	0.149	0.149	0.177	0.153	0.191
	Usage based factors	Water Treatment	cubic meters	0.708	0.708	0.272	0.272	0.201	0.186	0.171
	Usage based factors	Water		1.052	1.052	0.421	0.421	0.378	0.339	0.362
Average - Assumed R410a in 2019	Usage based factors	Refrigerants	kg	2,088.00	2,088.00	2,088.00	2,088.00	1,924.00	1,924.00	1,924.00
Note that this is average annual emissions factor	Usage based factors	ERP	tonnes	616.575	616.575	616.575	616.575	616.575	616.575	616.575
	Usage based factors	ERP-CCS	tonnes	0	0	0	0	0	0	0
	Usage based factors	Landfill - Food & drink / organic	tonnes	605.605	605.59	605.581	605.576	678.929	693.799	700.3
	Usage based factors	Landfill - Commercial & Industrial	tonnes	99.759	458.176	467.046	476.008	520.335	520.334	520.53
	Usage based factors	Landfill - MSW	tonnes	565.16	416.055	424.948	424.924	475.764	490.634	497.24
	Usage based factors	Landfill - Textiles	tonnes	423.674	423.659	423.674	423.645	475.402	490.272	496.78
	Usage based factors	Landfill - Glass	tonnes	8.989	8.934	8.902	8.883	8.884	8.884	8.983
	Usage based factors	Landfill - Wood	tonnes	806.763	806.748	806.739	806.734	903.964	918.834	925.34
	Usage based factors	Recycling - All metals	tonnes	21.354	21.317	21.294	21.28	21.281	6.411	6.411
	Usage based factors	Recycling - Paper / board	tonnes	21.354	21.317	21.294	21.28	21.281	6.411	6.411
	Usage based factors	Recycling - Glass	tonnes	21.354	21.317	21.294	21.28	21.281	6.411	6.411
	Distance based factors	Petrol	km	0.18084	0.1743	0.174	0.171	0.164	0.165	0.163
	Distance based factors	BEV	km	0.05549	0.05728	0.055	0.051	0.055	0.047	
	Distance based factors	Taxi	passenger.km	0.15018	0.14549	0.149	0.149	0.149	0.149	0.149
	Distance based factors	Rail Travel	passenger.km	0.04115	0.03694	0.037	0.035	0.035	0.035	0.035
	Distance based factors	Air Travel	passenger.km	0.25493	0.2443	0.246	0.246	0.273	0.229	0.229
	Distance based factors	Ferry Travel	passenger.km	0.25493					0.113	0.113
	Distance based factors	Unknown Transport Fuel	km	0.1771	0.1714	0.172	0.171	0.167	0.167	
	Distance based factors	Local bus	passenger.km	0.12076	0.1195	0.118	0.108	0.118	0.108	0.104
	Distance based factors	Degraded Peatland	hectares	10537.23	10537.23	10537.23	10537.23	10537.23	10537.23	10537.23