Activity	Category	Туре	Unit	kg CO₂e
Fuels	Gaseous fuels	Butane	tonnes	3033.38067
Fuels	Gaseous fuels	Butane	litres	1.74532
Fuels	Gaseous fuels	Butane	kWh (Net CV)	0.24106
Fuels	Gaseous fuels	Butane	kWh (Gross CV)	0.22241
Fuels	Gaseous fuels	CNG	tonnes	2568.16441
Fuels	Gaseous fuels	CNG	litres	0.44942
Fuels	Gaseous fuels	CNG	kWh (Net CV)	0.20264
Fuels	Gaseous fuels	CNG	kWh (Gross CV)	0.1829
Fuels	Gaseous fuels	LNG	tonnes	2590.46441
Fuels	Gaseous fuels	LNG	litres	1.17216
Fuels	Gaseous fuels	LNG	kWh (Net CV)	0.2044
Fuels	Gaseous fuels	LNG	kWh (Gross CV)	0.18449
Fuels	Gaseous fuels	LPG	tonnes	2939.36095
Fuels	Gaseous fuels	LPG	litres	1.55713
Fuels	Gaseous fuels	LPG	kWh (Net CV)	0.23031
Fuels	Gaseous fuels	LPG	kWh (Gross CV)	0.2145
Fuels	Gaseous fuels	Natural gas	tonnes	2568.16441
Fuels	Gaseous fuels	Natural gas	cubic metres	2.04542
Fuels	Gaseous fuels	Natural gas	kWh (Net CV)	0.20264
Fuels	Gaseous fuels	Natural gas	kWh (Gross CV)	0.1829
Fuels	Gaseous fuels	Natural gas (100% mineral blend)	tonnes	2590.46441
Fuels	Gaseous fuels	Natural gas (100% mineral blend)	cubic metres	2.06318
Fuels	Gaseous fuels	Natural gas (100% mineral blend)	kWh (Net CV)	0.2044
Fuels	Gaseous fuels	Natural gas (100% mineral blend)	kWh (Gross CV)	0.18449
Fuels	Gaseous fuels	Other petroleum gas	tonnes	2578.24647
Fuels	Gaseous fuels	Other petroleum gas	litres	0.94441
Fuels	Gaseous fuels	Other petroleum gas	kWh (Net CV)	0.19917
Fuels	Gaseous fuels	Other petroleum gas	kWh (Gross CV)	0.18323
Fuels	Gaseous fuels	Propane	tonnes	2997.63233
Fuels	Gaseous fuels	Propane	litres	1.54357
Fuels	Gaseous fuels	Propane	kWh (Net CV)	0.23257

Fuels	Gaseous fuels	Propane	kWh (Gross CV)	0.21411
Fuels	Liquid fuels	Aviation spirit	tonnes	3193.6948
Fuels	Liquid fuels	Aviation spirit	litres	2.33116
Fuels	Liquid fuels	Aviation spirit	kWh (Net CV)	0.25666
Fuels	Liquid fuels	Aviation spirit	kWh (Gross CV)	0.24382
Fuels	Liquid fuels	Aviation turbine fuel	tonnes	3178.3652
Fuels	Liquid fuels	Aviation turbine fuel	litres	2.54269
Fuels	Liquid fuels	Aviation turbine fuel	kWh (Net CV)	0.26061
Fuels	Liquid fuels	Aviation turbine fuel	kWh (Gross CV)	0.24758
Fuels	Liquid fuels	Burning oil	tonnes	3165.04181
Fuels	Liquid fuels	Burning oil	litres	2.54015
Fuels	Liquid fuels	Burning oil	kWh (Net CV)	0.25975
Fuels	Liquid fuels	Burning oil	kWh (Gross CV)	0.24677
Fuels	Liquid fuels	Diesel (average biofuel blend)	tonnes	3014.09462
Fuels	Liquid fuels	Diesel (average biofuel blend)	litres	2.51279
Fuels	Liquid fuels	Diesel (average biofuel blend)	kWh (Net CV)	0.25403
Fuels	Liquid fuels	Diesel (average biofuel blend)	kWh (Gross CV)	0.23902
Fuels	Liquid fuels	Diesel (100% mineral diesel)	tonnes	3203.91143
Fuels	Liquid fuels	Diesel (100% mineral diesel)	litres	2.66155
Fuels	Liquid fuels	Diesel (100% mineral diesel)	kWh (Net CV)	0.26808
Fuels	Liquid fuels	Diesel (100% mineral diesel)	kWh (Gross CV)	0.25197
Fuels	Liquid fuels	Fuel oil	tonnes	3228.89019
Fuels	Liquid fuels	Fuel oil	litres	3.17493
Fuels	Liquid fuels	Fuel oil	kWh (Net CV)	0.28523
Fuels	Liquid fuels	Fuel oil	kWh (Gross CV)	0.26814
Fuels	Liquid fuels	Gas oil	tonnes	3226.57859
Fuels	Liquid fuels	Gas oil	litres	2.75541
Fuels	Liquid fuels	Gas oil	kWh (Net CV)	0.27287
Fuels	Liquid fuels	Gas oil	kWh (Gross CV)	0.25649
Fuels	Liquid fuels	Lubricants	tonnes	3180.99992
Fuels	Liquid fuels	Lubricants	litres	2.74934
Fuels	Liquid fuels	Lubricants	kWh (Net CV)	0.281
Fuels	Liquid fuels	Lubricants	kWh (Gross CV)	0.26414

Fuels	Liquid fuels	Naphtha	tonnes	3142.3789
Fuels	Liquid fuels	Naphtha	litres	2.11894
Fuels	Liquid fuels	Naphtha	kWh (Net CV)	0.24891
Fuels	Liquid fuels	Naphtha	kWh (Gross CV)	0.23647
Fuels	Liquid fuels	Petrol (average biofuel blend)	tonnes	2778.52935
Fuels	Liquid fuels	Petrol (average biofuel blend)	litres	2.0844
Fuels	Liquid fuels	Petrol (average biofuel blend)	kWh (Net CV)	0.2324
Fuels	Liquid fuels	Petrol (average biofuel blend)	kWh (Gross CV)	0.22013
Fuels	Liquid fuels	Petrol (100% mineral petrol)	tonnes	3154.08213
Fuels	Liquid fuels	Petrol (100% mineral petrol)	litres	2.35372
Fuels	Liquid fuels	Petrol (100% mineral petrol)	kWh (Net CV)	0.2546
Fuels	Liquid fuels	Petrol (100% mineral petrol)	kWh (Gross CV)	0.24186
Fuels	Liquid fuels	Processed fuel oils - residual oil	tonnes	3228.89019
Fuels	Liquid fuels	Processed fuel oils - residual oil	litres	3.17493
Fuels	Liquid fuels	Processed fuel oils - residual oil	kWh (Net CV)	0.28523
Fuels	Liquid fuels	Processed fuel oils - residual oil	kWh (Gross CV)	0.26814
Fuels	Liquid fuels	Processed fuel oils - distillate oil	tonnes	3226.57859
Fuels	Liquid fuels	Processed fuel oils - distillate oil	litres	2.75541
Fuels	Liquid fuels	Processed fuel oils - distillate oil	kWh (Net CV)	0.27287
Fuels	Liquid fuels	Processed fuel oils - distillate oil	kWh (Gross CV)	0.25649
Fuels	Liquid fuels	Refinery miscellaneous	tonnes	2944.32093
Fuels	Liquid fuels	Refinery miscellaneous	litres	
Fuels	Liquid fuels	Refinery miscellaneous	kWh (Net CV)	0.25961
Fuels	Liquid fuels	Refinery miscellaneous	kWh (Gross CV)	0.24662
Fuels	Liquid fuels	Waste oils	tonnes	3219.37916
Fuels	Liquid fuels	Waste oils	litres	2.74923
Fuels	Liquid fuels	Waste oils	kWh (Net CV)	0.27458
Fuels	Liquid fuels	Waste oils	kWh (Gross CV)	0.25641
Fuels	Liquid fuels	Marine gas oil	tonnes	3245.30441
Fuels	Liquid fuels	Marine gas oil	litres	2.77139
Fuels	Liquid fuels	Marine gas oil	kWh (Net CV)	0.27446
Fuels	Liquid fuels	Marine gas oil	kWh (Gross CV)	0.25798
Fuels	Liquid fuels	Marine fuel oil	tonnes	3154.75334

	Liquid fuels	Marine fuel oil	HITTAL	
Fuels L			litres	3.10202
	Liquid fuels	Marine fuel oil	kWh (Net CV)	0.27869
		Marine fuel oil	kWh (Gross CV)	0.26196
Fuels S	Solid fuels	Coal (industrial)	tonnes	2399.43994
Fuels S	Solid fuels	Coal (industrial)	kWh (Net CV)	0.34002
Fuels S	Solid fuels	Coal (industrial)	kWh (Gross CV)	0.32302
Fuels S	Solid fuels	Coal (electricity generation)	tonnes	2262.11448
Fuels S	Solid fuels	Coal (electricity generation)	kWh (Net CV)	0.33368
Fuels S	Solid fuels	Coal (electricity generation)	kWh (Gross CV)	0.31699
Fuels S	Solid fuels	Coal (domestic)	tonnes	2904.95234
Fuels S	Solid fuels	Coal (domestic)	kWh (Net CV)	0.36549
Fuels S	Solid fuels	Coal (domestic)	kWh (Gross CV)	0.34721
Fuels S	Solid fuels	Coking coal	tonnes	3164.65002
Fuels S	Solid fuels	Coking coal	kWh (Net CV)	0.37675
Fuels S	Solid fuels	Coking coal	kWh (Gross CV)	0.3579
Fuels S	Solid fuels	Petroleum coke	tonnes	3386.57168
Fuels S	Solid fuels	Petroleum coke	kWh (Net CV)	0.35886
Fuels S	Solid fuels	Petroleum coke	kWh (Gross CV)	0.34092
Fuels S	Solid fuels	Coal (electricity generation - home produced coal only)	tonnes	2258.5867
Fuels S	Solid fuels	Coal (electricity generation - home produced coal only)	kWh (Net CV)	0.33368
Fuels S	Solid fuels	Coal (electricity generation - home produced coal only)	kWh (Gross CV)	0.31699
Transport C	Cars (by market segment)	Mini	km	0.10764
Transport C	Cars (by market segment)	Mini	miles	0.17325
Transport C	Cars (by market segment)	Supermini	km	0.13178
Transport C	Cars (by market segment)	Supermini	miles	0.21209
Transport C	Cars (by market segment)	Lower medium	km	0.14288
Transport C	Cars (by market segment)	Lower medium	miles	0.22996
Transport C	Cars (by market segment)	Upper medium	km	0.16048
	Cars (by market segment)	Upper medium	miles	0.25827
		Executive	km	0.17001
	Cars (by market segment)	Executive	miles	0.27362
	Cars (by market segment)	Luxury	km	0.20695
	Cars (by market segment)	Luxury	miles	0.33306

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Transport	Cars (by market segment)	Sports	km	0.17016
Transport	Cars (by market segment)	Sports	miles	0.27387
Transport	Cars (by market segment)	Dual purpose 4X4	km	0.19757
Transport	Cars (by market segment)	Dual purpose 4X4	miles	0.31797
Transport	Cars (by market segment)	MPV	km	0.17751
Transport	Cars (by market segment)	MPV	miles	0.28569
Transport	Motorbike	Small	km	0.08319
Transport	Motorbike	Small	miles	0.13389
Transport	Motorbike	Medium	km	0.10107
Transport	Motorbike	Medium	miles	0.16265
Transport	Motorbike	Large	km	0.13252
Transport	Motorbike	Large	miles	0.21326
Transport	Motorbike	Average	km	0.11367
Transport	Motorbike	Average	miles	0.18293
Transport	Cars (by size)	Small car	km	0.13994
Transport	Cars (by size)	Small car	miles	0.22522
Transport	Cars (by size)	Medium car	km	0.16807
Transport	Cars (by size)	Medium car	miles	0.2705
Transport	Cars (by size)	Large car	km	0.20729
Transport	Cars (by size)	Large car	miles	0.33362
Transport	Cars (by size)	Average car	km	0.16984
Transport	Cars (by size)	Average car	miles	0.27334
Food	Non-vegetarian	Beef Burger	kg	9
Food	Non-vegetarian	Lamb Dish	kg	3.6
Food	Vegetarian	Cheese Slice	kg	0.63
Food	Non-vegetarian	Pork Chop	kg	1.4
Food	Non-vegetarian	Chicken Sandwich	kg	0.9
Food	Non-vegetarian	Boiled Egg	kg	0.27
Food	Vegetarian	Glass of Milk	kg	0.8
Food	Vegetarian	Bowl of Rice	kg	0.8
Food	Vegetarian	Tofu Block	kg	0.3
Food	Vegetarian	Bean Burrito	kg	0.14
Food	Vegetarian	Lentil Soup Bowl	kg	0.18

Food	Vegan	Tomato	kg	0.21
Food	Vegan	Potato	kg	0.06
Food	Vegan	Apple	kg	0.08
Food	Vegan	Banana	kg	0.14
Food	Vegetarian	Mixed Veg Bowl	kg	0.15
Food	Vegetarian	Yogurt Cup	item	0.28
Food	Vegetarian	Chocolate Bar	item	0.95
Food	Vegetarian	Loaf of Bread	item	0.55
Food	Non-vegetarian	Croissant	item	0.32
Food	Vegetarian	Pizza Slice (Cheese)	item	1.1
Food	Non-vegetarian	Fish Fillet	item	0.75
Food	Non-vegetarian	Shrimp Portion	item	1.32
Food	Vegan	Orange	item	0.1
Food	Vegan	Cucumber	item	0.08
Food	Vegan	Carrot	item	0.03
Food	Vegan	Avocado	item	0.5
Food	Vegetarian	Peanut Butter (2 tbsp)	item	0.09
Food	Vegetarian	Almond Milk (Glass)	item	0.17
Food	Vegetarian	Soy Milk (Glass)	item	0.23
Food	Vegetarian	Coffee Cup	item	3.75
Food	Vegetarian	Tea Cup	item	0.23