

Appendix 3 Percentage Change in consumption between 2018/19 and 2019/20

Table 1 depicts how consumption has changed from 2018/19 to 2019/20¹ against 2017/18 to 2018/19

Emission Source	Scope	Unit	Percentage (%) change in consumption from 2018/19 to 2019/20	Percentage (%) change in consumption from 2017/18 to 2018/19	Data Source
Grid electricity (transmission and distribution losses)	3	kWh	↑ 2.24	↓ 2.78	From usage within corporate assets
Grid electricity (Generation)	2	kWh	↑ 2.24	↓ 2.78	From usage within corporate assets
Natural Gas	1	kWh	↑ 6.52	↓ 3.33	From usage within corporate assets
Gas Oil	1	kWh	↑ 41.71	↓ 18.68	From usage within corporate assets
Water Supply	3	m3	↓ 2.19	↑ 9.75	From usage within corporate assets
Water treatment	3	m3	↓ 2.19	↑ 9.75	From usage within corporate assets
Grid electricity (transmission and distribution losses)	3	kWh	↑ 4.20	↓ 7.03	From Street Lighting
Grid electricity (Generation)	2	kWh	↑ 4.20	↓ 7.03	From Street Lighting
Average car - unknown fuel	3	km	↓ 7.75	↑ 193.75	From car hire

¹ Scope 1: covers all direct emissions from owned or controlled by the council. Scope 2 covers indirect emissions from the generation of purchased electricity, steam, heating, and cooling consumed by the council while Scope 3 includes all other indirect emissions that occur in the council's value chain.

Emission Source	Scope	Unit	Percentage (%) change in consumption from 2018/19 to 2019/20	Percentage (%) change in consumption from 2017/18 to 2018/19	Data Source
Average car - unknown fuel	3	km	 100.83	 0.62	From Gray fleet – essential and casual user
Rail (national rail)	3	Passenger km	 92.63	 93.04	Some data has been provided from the external supplier.
Car – petrol (average)	3	km	 37.07	 41.22	From Co-Wheels car club information
Car – hybrid (medium)	3	km	 73.98	 37.67	From Co-Wheels car club information
Car- diesel (average – unknown engine size)	3	km		 100	From Co-Wheels car club information
Grid electricity (transmission and distribution losses)	3	kWh	 41.03	 5.45	From Car travel. Calculation based on EV mileage and how far 1kWh allows a vehicle to travel.
Grid electricity (Generation)	3	kWh	 41.01	 5,45	From Car travel. Calculation based on EV mileage and how far 1kWh allows a vehicle to travel.
Long haul flight (economy class)	3	Passenger km	 54.05	 58.63	Data from ATP. Flights booked through credit cards are not captured.
Short haul flight (economy class)	3	Passenger km		 90.68	Data from ATP. Flights booked through credit cards are not captured.

Emission Source	Scope	Unit	Percentage (%) change in consumption from 2018/19 to 2019/20	Percentage (%) change in consumption from 2017/18 to 2018/19	Data Source
Paper and board (mixed recycling)	3	kg	↓ 203.56	↓ 44.52	From Shred IT confidential paper
Organic food and drink composting	3	kg	↑ 100 ²	↓ 0.85	From corporate premises
General waste to landfill	3	kg	↔	↔	Residual waste has been bulked and shipped since June 2017.
Mixed recycling	3	kg	↑ 8.38	↓ 19.92	Based on scheduled regular uplifts so data does not include bulky uplifts. Use volume to weight conversion factors.
Glass recycling	3	kg	↔	↓ 48.35	Based on scheduled regular uplifts so data does not include bulky uplifts. Use volume to weight conversion factors.
WEEE (Mixed) Recycling	3	kg	↓ 178.44	↓ 5.42	IT provided this information on WEEE waste recycled
General waste to landfill	3	kg	↓ 0.59	↑ 14.34	3R schools. General waste to landfill provided by a report from the waste contractor.
Diesel (average biofuel blend)	3	tonnes	↑ 8.47	↓ 5.86	Used within fleet services
Petrol (average biofuel blend)	3	tonnes	↔	↓ 97.03	Used within fleet services
Biomass chips	3	kWh	↓ 334.26	↓ 92.69	Biomass boiler at Duthie Park

Keys: No change or no data ↔ Increase ↑ Decrease ↓

² No data was received for Organic food and drink composting from 3R schools in 2018/19.