

TBC Fleet - Scope 3

Vehicle	Fuel Type	Vehicle Size	Mileage (for 2019)	Mileage as Kilometers	CO2 Conversion Factor	Tonnes CO ₂ e Emissions	Breakdown of emission data from Column F & G				
							CO2 Breakdown Scope 1	CF CO2 Breakdown Scope 3	CF T/co2e (Scope 1)	T/co2e (Scope 3)	
Fiesta - BJ19	Petrol	Small	10,135	16,311	0.31448	3.19	0.24736	0.06712	2.50704	0.68027	
Fiesta - BP17	Petrol	Small	2,418	3,891	0.31448	0.76	0.24736	0.06712	0.59812	0.16230	
Niro - LD67	Petrol	Medium	3,250	5,230	0.39350	1.28	0.30945	0.08405	1.00559	0.27313	
Niro - LD67	plug in EV/Hybrid					0.00					
Yaris - FN68 (1)	Petrol	Small	8,305	13,366	0.21319	1.77	0.16930	0.04389	1.40607	0.36452	
Yaris - FN68 (2)	Petrol	Small	9,064	14,586	0.21319	1.93	0.16930	0.04389	1.53447	0.39780	
Niro - LD19	Petrol	Medium	9,098	14,642	0.39350	3.58	0.30945	0.08405	2.81550	0.76472	
Yaris - FP68	Petrol	Small	1,081	1,740	0.21319	0.23	0.16930	0.04389	0.18305	0.04745	
Fiesta - BD19	Petrol	Small	12,468	20,065	0.31448	3.92	0.24736	0.06712	3.08408	0.83685	
Nissan Leaf: not included as elec factored in TBC Office building	EV					0.00					
Dennis - Elite 6 x 15 - KM req'd for co2 conversion	Diesel	26 Tonne	349,146	561,893	1.07466	603.84	0.86654	0.20812	486.90235	116.94107	Used Managed Asset Vehicles - 'Rigid HGV (7.5 - 17T) Average Laden' factor (note converted miles to KM as CF only in KM)+ WTT Delv Veh and Freight 'all HGV, KM, Average Laden'
Dennis - Mini Olympus: KM req'd for co2 conversion	Diesel	12 Tonne	12,492	20,104	0.74526	14.98	0.60103	0.14423	12.08299	2.89957	Used Managed Asset Vehicles - 'All HGV Average Laden' factor (note converted miles to KM as CF only in KM)+ WTT Delv Veh and Freight 'rigid HGV (7.5-17T), KM, Average Laden'

Farid - Micro L x 4: KM req'd for co2 conversion	Diesel	7.5 Tonne	60,952	98,092	1.07466	105.42	0.86654	0.20812	85.00075	20.41493	Used Managed Asset Vehicles - 'Rigid HGV 3.5-7.5T Average Laden' factor (note converted miles to KM as CF only in KM)+ WTT Delv Veh and Freight 'rigid HGV (3.5-7.5T), KM, Average Laden'
IVECO - 75E: KM req'd for co2 conversion	Diesel	7.5 Tonne	23,607	37,992	0.61042	23.19	0.49215	0.11827	18.69754	4.49326	Used Managed Asset Vehicles - 'Rigid HGV 3.5-7.5T Average Laden' factor (note converted miles to KM as CF only in KM)+ WTT Delv Veh and Freight 'rigid HGV (3.5-7.5T), KM, Average Laden'
IVECO - Daily 35C14 Tipper x 4: KM req'd for co2 conversion	Diesel	3.5 Tonne	66,940	107,729	0.31248	33.66	0.25213	0.06035	27.16167	6.50143	Used Managed Asset Vehicles - 'Managed vans 'average upto 3.5T' (note converted miles to KM as CF only in KM)+ WTT Managed vans (up to 3.5T), KM,'
IVECO - 3.5 Tipper x 2: KM req'd for co2 conversion	Diesel	3.5 Tonne	20,708	33,326	0.31248	10.41	0.25213	0.06035	8.40251	2.01123	Used Managed Asset Vehicles - 'Managed vans 'average upto 3.5T' (note converted miles to KM as CF only in KM)+ WTT Managed vans (up to 3.5T), KM,'

DAF - LF230 FA: KM req'd for co2 conversion	Diesel	15 Tonne	8,307	13,369	1.07466	14.37	0.86654	0.20812	11.58455	2.78230	Used Managed Asset Vehicles - 'Rigid HGV (7.5 - 17T) Average Laden' factor (note converted miles to KM as CF only in KM)+ WTT Delv Veh and Freight 'all HGV, KM, Average Laden'	
DAF - LF230 FALF45.160: KM req'd for co2 conversion	Diesel	7.5 Tonne	32,816	52,812	1.07466	56.75	0.86654	0.20812	45.76363	10.99121		
Landrover	Diesel	4 x 4	17,812	28,665	0.41502	7.39	0.33713	0.07789	6.00496	1.38738		Use d Managed Asset Vehicles 'Large Car & WTT Passenger Vehicles & Land Travel 'Cars by Market Segment - Dual Purpose 4 x 4' - Miles
Fiat x 2: KM req'd for co2 conversion	Diesel	Panel Van	13,123	21,119	0.24101	5.09	0.19455	0.04646	4.10876	0.98120		Used Managed Asset Vehicles - 'Managed vans class ii' (note converted miles to KM as CF only in KM)+ WTT Managed vans class ii), KM,'
TOTAL			661,722	1,064,932	9.30532	891.77	7.46416	1.84116	718.84	172.93		

Emissions calculated using factors from the Business Land Travel conversion factor data sheet that relate to each specific car size and fuel type
Note that commercial vehicle data (other than cars) is averaged based on servicing milage records, rather than specific annual data

Data collated from monthly data sheets											2 months data average from 10 actual month	Total
	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20		
Fiesta - BJ19	0	863	863	1303	883	941	1148	794	684	967	1689.2	10135.2
Fiesta - BP17	1057	479	479	0	0	0	0	0	0	0	403	2418
Niro - LD67	932	578	578	0	0	0	0	0	620	0	541.6	3249.6
Prius: WM67	1358	863	863	1571	927	1251	1251	804	713	915	2103.2	12619.2
Yaris - FN68 (yoe)	782	565	565	815	811	937	620	654	464	708	1384.2	8305.2
Yaris - FN68 (yvo)	811	963	963	659	742	803	891	767	374	580	1510.6	9063.6
Kia Niro LD 19	0	776	776	1042	1200	1034	706	802	0	1246	1516.4	9098.4
Yaris - FP68	0	370	370	161	0	0	0	0	0	0	180.2	1081.2
Fiesta - BD19	0	0	0	2665	1258	1372	1692	1229	661	1528	2081	12486
Nissan Leaf	0	0	0	0	0	0	0	0	208	620	165.6	993.6
Total	4940	5457	5457	8216	5821	6338	6308	5050	3724	6564	11575	<u>69450</u>