

Appendix 8.4: District, Regional and National GHG Emissions (2021)

Table 1: District, Regional and National GHG Emissions (2021)

Emissions Source	Manchester (ktCO ₂ e)	North-West England (ktCO ₂ e)	England (ktCO ₂ e)	National (ktCO ₂ e)
A. Commercial Electricity	154.1	1,142.8	9,526.9	10,964.1
B. Commercial Gas	67.0	725.1	5,398.6	6,293.0
C. Commercial 'Other'	2.6	22.3	181.4	223.1
<i>Commercial Total</i>	<i>223.7</i>	<i>1,890.2</i>	<i>15,106.8</i>	<i>17,426.3</i>
G. Road Transport (A roads)	185.4	3,924.1	39,305.9	48,450.1
H. Road Transport (Motorways)	129.2	4,312.1	22,472.7	25,397.5
I. Road Transport (Minor roads)	219.9	3,438.8	29,407.7	36,254.3
J. Diesel Railways	9.4	124.3	1,432.6	1,680.1
K. Transport Other	11.8	266.1	1,740.4	1,942.8
<i>Transport Total</i>	<i>555.8</i>	<i>12,065.4</i>	<i>94,359.3</i>	<i>113,724.8</i>
L. Landfill	141.0	1,485.6	11,120.8	13,618.1
M. Waste Management 'Other'	20.0	815.7	4,234.4	5,195.5
<i>Waste Management Total</i>	<i>161.0</i>	<i>2,301.3</i>	<i>15,355.3</i>	<i>18,813.6</i>

Emissions Source	Manchester (ktCO ₂ e)	North-West England (ktCO ₂ e)	England (ktCO ₂ e)	National (ktCO ₂ e)
Grand Total	779.5	16,256.9	124,821.4	149,964.7
Population ('000s, mid-year estimate)	549.9	7,422.3	56,536.4	67,026.3
Per Capita Emissions (tCO ₂ e)	1.4	2.2	2.2	2.2
Area (km ²)	115.6	14,914.4	132,929.1	248,717.6
Emissions per km ² (kt)	6.7	1.1	0.9	0.6

