

Appendix 12.4: District, Regional and National GHG Emissions (2020)

Table 1: District, Regional and National GHG Emissions (2020)

Emissions Source	Manchester (ktCO ₂ e)	Lancashire (ktCO ₂ e)	North-West England (ktCO ₂ e)	England (ktCO ₂ e)	National (ktCO ₂ e)
A. Commercial Electricity	166.3	181.8	1,356.1	11,369.5	13,024.2
B. Commercial Gas	113.7	161.7	1,329.3	8,957.5	10,471.6
C. Commercial 'Other'	1.4	2.1	13.1	120.2	183.6
<i>Commercial Total</i>	<i>281.4</i>	<i>345.6</i>	<i>2,698.5</i>	<i>20,447.2</i>	<i>23,679.4</i>
D. Domestic Electricity	159.6	388.4	2,238.2	18,044.0	21,585.1
E. Domestic Gas	421.5	1,295.7	7,401.9	51,926.8	60,625.9
F. Domestic 'Other'	10.1	159.0	733.6	6,661.5	11,413.1
<i>Domestic Total</i>	<i>591.1</i>	<i>1,843.1</i>	<i>10,418.6</i>	<i>76,623.3</i>	<i>93,624.1</i>
G. Road Transport (A roads)	167.4	537.4	3,357.5	33,167.2	40,506.3
H. Road Transport (Motorways)	113.6	712.7	3,606.6	18,591.1	20,957.1
I. Road Transport (Minor roads)	325.3	903.5	4,733.5	34,571.9	41,532.9

Emissions Source	Manchester (ktCO ₂ e)	Lancashire (ktCO ₂ e)	North-West England (ktCO ₂ e)	England (ktCO ₂ e)	National (ktCO ₂ e)
J. Diesel Railways	8.5	16.7	112.9	1,298.6	1,521.8
K. Transport Other	34.1	57.0	285.0	1,882.1	2,153.2
<i>Transport Total</i>	<i>648.9</i>	<i>2,227.4</i>	<i>12,095.4</i>	<i>89,510.9</i>	<i>106,671.4</i>
L. Landfill	296.5	340.3	1,386.0	1,258.3	12,769.7
M. Waste Management 'Other'	19.1	79.4	640.2	358.4	4,835.5
<i>Waste Management Total</i>	<i>315.6</i>	<i>419.6</i>	<i>2,026.2</i>	<i>13,883.9</i>	<i>17,605.1</i>
Grand Total	1,837.0	4,835.7	27,238.7	200,465.3	241,580
Population ('000s, mid-year estimate)	555.7	1,227.1	7,367.5	56,550.1	67,081.2
Per Capita Emissions (tCO ₂ e)	3.3	3.9	3.7	3.5	3.6
Area (km ²)	115.6	3,082.8	14,914.4	132,929.1	248,717.6
Emissions per km ² (kt)	4.8	1.6	1.8	1.5	1.0