

Appendix 15.4 – Summary of Local, Regional and National GHG emissions (2020) for Relevant Sectors

Table 1: Local, Regional and National GHG Emissions (2022)

Emissions Source	Broxtowe (ktCO ₂ e)	East Midlands (ktCO ₂ e)	England (ktCO ₂ e)	National (ktCO ₂ e)
A. Commercial Electricity	19.4	1,275.4	16,448.4	19,072.8
B. Commercial Gas	57.7	1,017.1	10,561.8	12,543.0
C. Commercial 'Other'	3.2	166.4	1,974.7	2,280.0
Commercial Total	80.3	2,458.9	28,985.0	33,895.8
G. Road Transport (A roads)	61.0	4,431.1	35,810.2	44,172.8
H. Road Transport (Motorways)	126.5	1,666.3	21,212.6	23,978.4
I. Road Transport (Minor roads)	79.9	3,808.0	34,014.8	41,783.3
J. Diesel Railways	3.6	196.8	1,357.9	1,593.4
K. Transport 'Other'	6.5	270.1	2,712.7	3,128.5
Transport Total	277.4	10,372.3	95,108.2	114,656.4
L. Landfill	7.1	1,146.3	11,082.3	13,473.4

Environmental Statement

Climate Change

M. Waste Management 'Other'	6.7	403.4	4,301.2	5,260.4
Waste Management Total	13.8	1,549.7	15,383.5	18,733.8
Grand Total	371.5	14,380.9	139,476.7	167,286.0
Population ('000s, mid-year estimate)	112.1	4,934.9	57,106.4	67,596.3
Per Capita Emissions (tCO ₂ e)	3.3	2.9	2.4	2.5
Area (km ²)	80.1	15,810.7	132,929.1	248,717.6
Emissions per km ² (kt)	4.6	0.9	1.0	0.7