

APPENDIX A: WEATHER CORRECTED EMISSIONS

The carbon emissions for 2009/10 presented below include a weather correction calculation that is applied to the carbon emissions created from the consumption of natural gas to take account of the weather experienced during the time period the data relates to. They are useful as a comparison to the absolute emissions presented in the report as they indicate possible factors affecting our emissions data.

Table 1: Breakdown of CO₂ emissions (weather corrected)

CO ₂ Emissions (tonnes)	Annual Emissions		Comparison	
	2008/09	2009/10	Change	% Change
Buildings				
<i>Examples:</i>				
<i>Mote Park Leisure Centre Gas</i>	1,194.52	794.62	-399.89	-33.48%
<i>Mote Park Leisure Centre Electricity</i>	184.87	248.51	63.63	34.42%
<i>Hazlitt Theatre Gas</i>	120.59	99.89	-20.70	-17.17%
<i>Hazlitt Theatre Electricity</i>	118.24	118.18	-0.06	-0.05%
<i>Maidstone Museum Gas</i>	84.64	88.90	4.25	5.02%
<i>Maidstone Museum Electricity</i>	82.99	83.51	0.52	0.63%
<i>Public Conveniences Electricity</i>	59.49	56.90	-2.58	-4.34%
<i>Main Offices Gas</i>	94.87	83.73	-11.14	-11.74%
<i>Main Offices Electricity</i>	498.36	516.94	18.58	3.73%
Total Emissions from electricity use	2,244.01	2,179.53	-64.48	-2.87%
Total Emissions from fossil fuel consumption	1,803.56	1,328.82	-474.74	-26.32%
Total Emissions from buildings	4,047.56	3,508.35	-539.22	-13.32%
Vehicles				
<i>Examples:</i>				
<i>Waste Collection Service</i>	1,092.71	927.73	-164.98	-15.10%
<i>Maidstone Borough Services</i>	499.96	483.06	-16.90	-3.38%
<i>Pool Cars</i>	3.66	3.60	-0.06	-1.51%
<i>Casual, Essential and Lease Car users</i>	60.35	67.88	7.53	12.48%
Total Emissions from service vehicle fleet	1,956.78	1,799.13	-157.65	-8.06%
Total Emissions from business travel	67.05	77.80	10.76	16.04%
Total Emissions from vehicles	2,023.82	1,876.93	-146.89	-7.26%
Total Emissions	6,071.39	5,385.28	-686.11	-11.30%

Figure 1: Total CO₂ emissions since baseline year

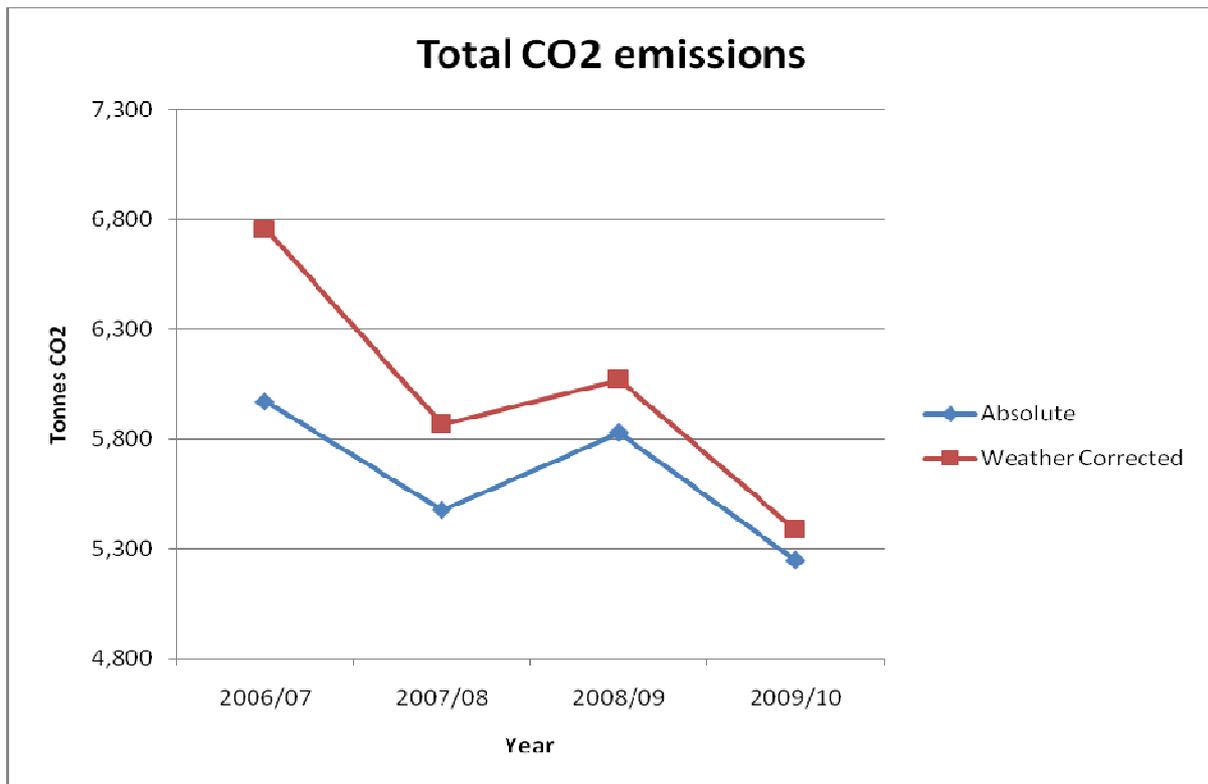


Figure 2: Total CO₂ emissions from buildings and transport

