

APPENDIX A:
Carbon Footprints 2006/07, 2007/08 and 2008/09

This appendix to the Carbon Footprint 2008/09 report (12th August 2009) gives a fuller picture of the Council's carbon emissions since the baseline year of 2006/07.

The following figures (A1 and A2) show the direction of travel over the three years of available data in total and broken down into the proportion of the carbon footprint from vehicle and building sources.

Figure A1: Total CO₂ Emissions since 2006/07

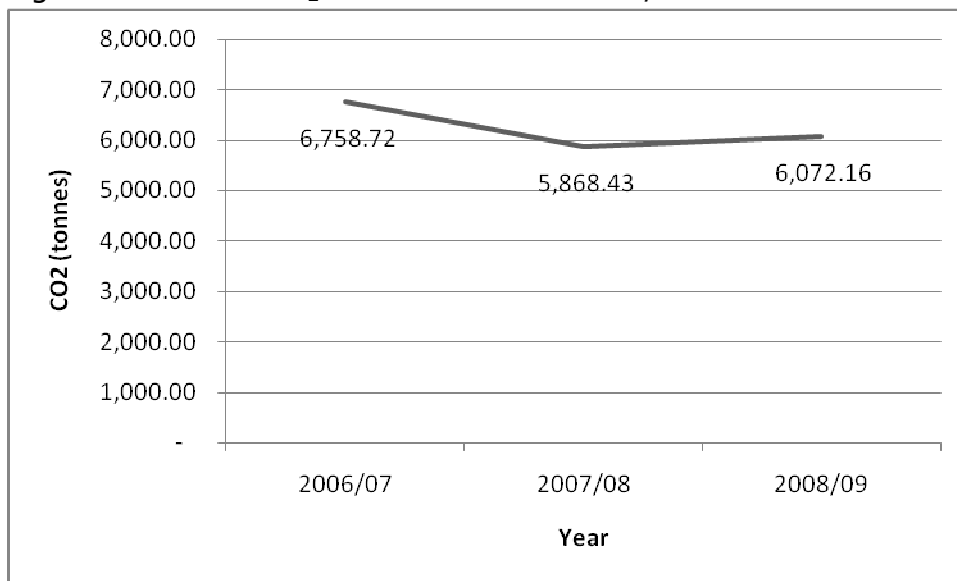
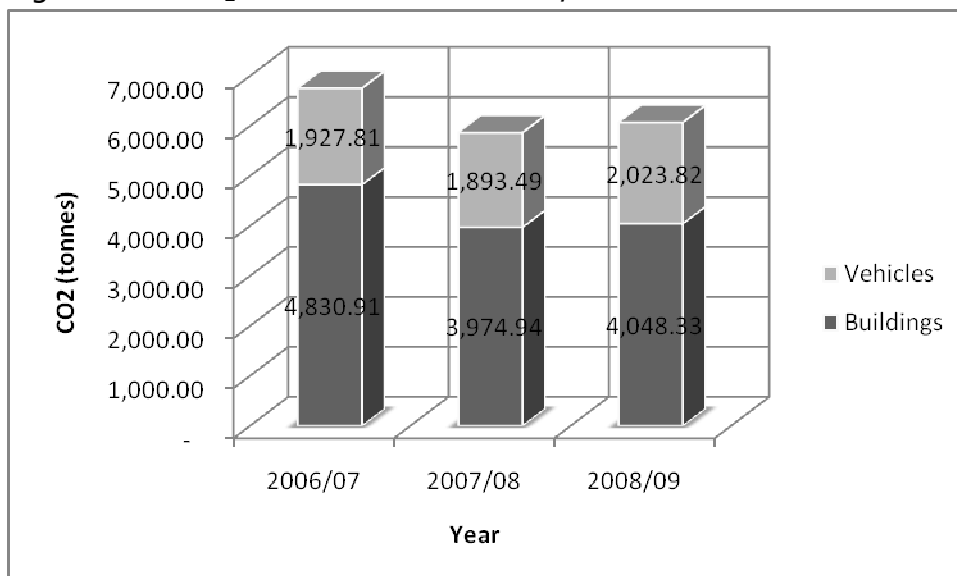


Figure A2: CO₂ Emissions since 2006/07 from vehicle and buildings sources



The data shows a reduction in emissions of 15% between 2006/07 (the baseline year) and 2007/08. The majority of the change was due to reductions in emissions from buildings (down 22%).

As detailed in the main report there has been a 3% increase between 2007/08 and 2008/09.

The over all direction of travel from the baseline year to date is a 10% reduction of CO₂. Again the emissions from buildings account for the majority of this change (down by 16%), whereas the emissions from vehicles have risen by 5%.

The following three tables give a more detailed comparison between the baseline year, 2006/07 with 2007/08 (Table 1), 2007/08 with the most recent year, 2008/09 (Table 2), and the baseline year with the most recent year (Table 3), which gives the direction of travel over the three years.

Table A1: Detailed Comparisons 2006/07 to 2007/08

		Annual Emissions		Comparison	
		2006/07	2007/08	Change	% Change
Buildings	<i>Examples:</i>				
	<i>Mote Park Leisure Centre Gas</i>	1796.59	1,395.97	-400.62	-28.70%
	<i>Mote Park Leisure Centre Electricity</i>	304.99	271.01	-33.98	-12.54%
	<i>Hazlitt Theatre Gas</i>	182.22	135.93	-46.29	-34.05%
	<i>Hazlitt Theatre Electricity</i>	175.38	108.22	-67.16	-62.06%
	<i>Maidstone Museum Gas</i>	117.75	97.38	-20.37	-20.91%
	<i>Maidstone Museum Electricity</i>	102.44	87.20	-15.24	-17.48%
	<i>Public Conveniences Electricity</i>	87.05	67.94	-19.11	-28.12%
	<i>Main Offices Gas</i>	161.12	192.18	31.06	16.16%
	<i>Main Offices Electricity</i>	451.16	191.72	-259.44	-135.32%
				0.00	
	Total Emissions from electricity use	2209.89	1,863.85	-346.04	-18.57%
	Total Emissions from fossil fuel consumption	2621.02	2,111.08	-509.94	-24.16%
Total Emissions from buildings	4830.91	3974.94	-855.97	-21.53%	
Vehicles	<i>Examples:</i>			0.00	
	<i>Waste Collection Service</i>	1000.39	975.23	-25.16	-2.58%
	<i>Maidstone Borough Services</i>	424.69	448.62	23.93	5.33%
	<i>Pool Cars</i>	4.42	2.62	-1.80	-68.57%
	<i>Casual, Essential and Lease Car users</i>	64.2	61.63	-2.57	-4.17%
				0.00	
	Total Emissions from service vehicle fleet	1855.86	1,825.73	-30.13	-1.65%
Total Emissions from business travel	71.95	67.76	-4.19	-6.18%	
Total Emissions from vehicles	1927.81	1,893.49	-34.32	-1.81%	
Total Emissions		6758.72	5,868.43	-890.29	-15.17%

Table A2: Detailed Comparisons 2007/08 to 2008/09

		Annual Emissions		Comparison	
		2007/08	2008/09	Change	% Change
Buildings	<i>Examples:</i>				
	Mote Park Leisure Centre Gas	1,395.97	1,194.52	-201.45	-14.43%
	Mote Park Leisure Centre Electricity	271.01	184.87	-86.13	-31.78%
	Hazlitt Theatre Gas	135.93	120.59	-15.35	-11.29%
	Hazlitt Theatre Electricity	108.22	118.24	10.02	9.26%
	Maidstone Museum Gas	97.38	84.64	-12.74	-13.08%
	Maidstone Museum Electricity	87.20	82.99	-4.20	-4.82%
	Public Conveniences Electricity	67.94	69.41	1.47	2.16%
	Main Offices Gas	192.18	175.67	-16.51	-8.59%
	Main Offices Electricity	191.72	594.37	402.65	210.02%
	Total Emissions from electricity use	1,863.85	2,216.64	352.79	18.93%
Total Emissions from fossil fuel consumption	2,111.08	1,831.69	-279.39	-13.23%	
Total Emissions from buildings	3,974.40	4,048.33	73.94	1.86%	
Vehicles	<i>Examples:</i>				
	Waste Collection Service	975.23	1,092.71	117.48	12.05%
	Maidstone Borough Services	448.62	499.96	51.35	11.45%
	Pool Cars	2.62	3.19	0.57	21.62%
	Casual, Essential and Lease Car users	61.63	60.35	-1.28	-2.08%
	Total Emissions from service vehicle fleet	1,825.73	1,956.78	131.04	7.18%
	Total Emissions from business travel	67.76	67.05	-0.71	-1.05%
Total Emissions from vehicles	1,893.49	2,023.82	130.33	6.88%	
Total Emissions	5,867.89	6,072.16	204.27	3.48%	

Table A2: Detailed Comparisons 2006/07 to 2008/09

		Annual Emissions		Comparison	
		2006/07	2008/09	Change	% Change
Buildings	<i>Examples:</i>				
	Mote Park Leisure Centre Gas	1796.59	1,194.52	-602.07	-33.51%
	Mote Park Leisure Centre Electricity	304.99	184.87	-120.12	-39.38%
	Hazlitt Theatre Gas	182.22	120.59	-61.63	-33.82%
	Hazlitt Theatre Electricity	175.38	118.24	-57.14	-32.58%
	Maidstone Museum Gas	117.75	84.64	-33.11	-28.12%
	Maidstone Museum Electricity	102.44	82.99	-19.45	-18.98%
	Public Conveniences Electricity	87.05	69.41	-17.64	-20.26%
	Main Offices Gas	161.12	175.67	14.55	9.03%
	Main Offices Electricity	451.16	594.37	143.21	31.74%
	Total Emissions from electricity use	2209.89	2,216.64	6.75	0.31%
Total Emissions from fossil fuel consumption	2621.02	1,831.69	-789.33	-30.12%	
Total Emissions from buildings	4830.91	4,048.33	-782.58	-16.20%	
Vehicles	<i>Examples:</i>				
	Waste Collection Service	1000.39	1,092.71	92.32	9.23%
	Maidstone Borough Services	424.69	499.96	75.27	17.72%
	Pool Cars	4.42	3.19	-1.23	-27.85%
	Casual, Essential and Lease Car users	64.2	60.35	-3.85	-5.99%
	Total Emissions from service vehicle fleet	1855.86	1,956.78	100.92	5.44%
Total Emissions from business travel	71.95	67.05	-4.90	-6.81%	
Total Emissions from vehicles	1927.81	2,023.82	96.01	4.98%	
Total Emissions	6758.72	6,072.16	-686.57	-10.16%	