

Total Community Greenhouse Gas Emissions and Percent Change in Emissions, 2005-2019

Sector	Subsector	Emissions (MT CO ₂ e)						Change 2005 to 2019		Change 2018 to 2019	
		2005	2012	2015	2017	2018	2019*	MT CO ₂ e	%	MT CO ₂ e	%
Energy - Residential	Electricity	36,307	31,875	27,221	7,066	801	175	-36,132	-100%	-626	-78%
	Natural Gas	64,065	63,343	53,566	56,675	57,416	57,577	-6,488	-10%	161	0%
Energy - Non-Residential	Electricity	138,119	139,048	130,021	60,310	42,833	37,812	-100,307	-73%	-5,020	-12%
	Natural Gas	57,071	60,899	56,031	56,359	57,098	58,149	1,078	2%	1,050	2%
	Subtotal	295,562	295,165	266,839	180,410	158,148	153,713	-141,849	-48%	-4,434	-3%
Transportation	Passenger/Light Duty	309,162	358,379	413,676	365,366	342,312	308,704	-458	0%	-33,608	-10%
	Medium/Heavy Duty	64,915	53,339	43,243	54,150	54,007	83,611	18,696	29%	29,603	55%
	Subtotal	374,077	411,718	456,919	419,516	396,319	392,315	18,238	5%	-4,004	-1%
Waste	Solid Waste	12,248	17,261	17,312	13,510	12,820	14,199	1,951	16%	1,379	11%
	Alternative Daily Cover	77	22	16	2	0.4	0	-77	-100%	0	-100%
	Subtotal	12,325	17,283	17,328	13,512	12,820	14,199	1,874	15%	1,379	11%
Water	Water Demand	4,384	2,326	1,633	77	84	2	-4,382	-100%	-82	-98%
	Wastewater Treatment	11,144	6,922	5,648	2,884	3,208	1,448	-9,696	-87%	-1,760	-55%
	Subtotal	15,528	9,248	7,281	2,961	3,292	1,450	-14,078	-91%	-1,842	-56%
Off-Road Mobile	Construction	4,793	35,278	41,878	16,563	3,788	9,878	5,085	106%	6,090	161%
	Lawn/Garden	1,767	1,868	1,918	-	-	-	N/A	N/A	N/A	N/A
	Commercial Equipment	-	-	-	11,087	10,950	11,137	N/A	N/A	187	2%
	Industrial Equipment	-	-	-	19,278	19,001	19,287	N/A	N/A	287	2%
	Subtotal	6,560	37,146	43,796	46,928	33,739	40,303	33,743	514%	6,564	19%
TOTAL	704,052	770,560	792,163	663,327	604,318	601,980	-102,072	-14%	-2,338	-0.39%	

*2019 numbers are preliminary, not final.

Percent of Total Emissions by Sector and Subsector, 2005-2019

Sector	Subsector	Percent of Total Emissions					
		2005	2012	2015	2017	2018	2019*
Energy - Residential	Electricity	5.2%	4.1%	3.4%	1.1%	0.1%	0.0%
	Natural Gas	9.1%	8.2%	6.8%	8.5%	9.5%	9.6%
Energy - Non-Residential	Electricity	19.6%	18.0%	16.4%	9.1%	7.1%	6.3%
	Natural Gas	8.1%	7.9%	7.1%	8.5%	9.4%	9.7%
	Subtotal	42.0%	38.3%	33.7%	27.2%	26.2%	25.5%
Transportation	Passenger/Light Duty	43.9%	46.5%	52.2%	55.1%	56.6%	51.3%
	Medium/Heavy Duty	9.2%	6.9%	5.5%	8.2%	8.9%	13.9%
	Subtotal	53.1%	53.4%	57.7%	63.2%	65.6%	65.2%
Waste	Solid Waste	1.7%	2.2%	2.2%	2.0%	2.1%	2.4%
	Alternative Daily Cover	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal	1.8%	2.2%	2.2%	2.0%	2.1%	2.4%
Water	Water Demand	0.6%	0.3%	0.2%	0.0%	0.0%	0.0%
	Wastewater Treatment	1.6%	0.9%	0.7%	0.4%	0.5%	0.2%
	Subtotal	2.2%	1.2%	0.9%	0.4%	0.5%	0.2%
Off-Road Mobile	Construction	0.7%	4.6%	5.3%	2.5%	0.6%	1.6%
	Lawn/Garden Equipment	0.3%	0.2%	0.2%	N/A	N/A	N/A
	Commercial Equipment	N/A	N/A	N/A	1.7%	1.8%	1.9%
	Industrial Equipment	N/A	N/A	N/A	2.9%	3.1%	3.2%
	Subtotal	0.9%	4.8%	5.5%	7.1%	5.6%	6.7%
TOTAL		100%	100%	100%	100%	100%	100%

*2019 numbers are preliminary, not final.

