

Total Community Greenhouse Gas Emissions and Percent Change in Emissions, 2005-2018

Sector	Subsector	Emissions (MT CO ₂ e)					Change 2005 to 2018		Change 2017 to 2018	
		2005	2012	2015	2017	2018 ¹	MT CO ₂ e	%	MT CO ₂ e	%
Energy - Residential	Electricity	36,307	31,875	27,221	7,066	915	-35,392	-97%	-6,152	-87%
	Natural Gas	64,065	63,343	53,566	56,675	57,436	-6,629	-10%	761	1%
Energy - Non-Residential	Electricity	138,119	139,048	130,021	60,310	46,058	-92,061	-67%	-14,252	-24%
	Natural Gas	57,071	60,899	56,031	56,359	57,119	48	0%	759	1%
	Subtotal	295,562	295,165	266,840	180,411	161,527	-134,035	-45%	-18,883	-10%
Transportation	Passenger/Light Duty	309,162	358,379	413,676	365,366	342,915	33,753	11%	-22,451	-6%
	Medium/Heavy Duty	64,915	53,339	43,243	54,150	52,666	-12,249	-19%	-1,483	-3%
	Subtotal	374,077	411,718	456,919	419,516	395,581	21,504	6%	-23,934	-6%
Waste	Solid Waste	12,248	17,261	17,312	13,510	15,262	3,014	25%	1,752	13%
	Alternative Daily Cover	77	22	16	2	0.5	-76.5	-99%	-1.6	-77%
	Subtotal	12,325	17,283	17,328	13,512	15,262	2,937	24%	1,751	13%
Water	Water Demand	4,384	2,326	1,633	77	85	-4,299	-98%	8	10%
	Wastewater Treatment	11,144	6,922	5,648	2,884	3,142	-8,002	-72%	258	9%
	Subtotal	15,528	9,248	7,281	2,961	3,227	-12,301	-79%	266	9%
Off-Road Mobile	Construction	4,793	35,278	41,878	16,563	3,788	-1,005	-21%	-12,775	-77%
	Lawn/Garden Equipment	1,767	1,868	1,918	-	-	n/a	n/a	n/a	n/a
	Commercial Equipment	-	-	-	11,087	11,275	n/a	n/a	188	2%
	Industrial Equipment	-	-	-	19,278	19,564	n/a	n/a	287	1%
	Subtotal	6,560	37,146	43,796	46,928	34,628	28,068	428%	-12,300	-26%
	TOTAL	704,052	770,561	792,164	663,327	610,226	-93,826	-13%	-53,101	-8%

¹2018 numbers are preliminary, not final.

Percent of Total Emissions by Sector and Subsector, 2005-2018

Sector	Subsector	Percent of Total Emissions				
		2005	2012	2015	2017	2018
Energy - Residential	Electricity	5.2%	4.1%	3.4%	1.1%	0.1%
	Natural Gas	9.1%	8.2%	6.8%	8.5%	9.4%
Energy - Non-Res.	Electricity	19.6%	18.0%	16.4%	9.1%	7.5%
	Natural Gas	8.1%	7.9%	7.1%	8.5%	9.4%
	Subtotal	42.0%	38.3%	33.7%	27.2%	26.5%
Transportation	Passenger/Light Duty	43.9%	46.5%	52.2%	55.1%	56.2%
	Medium/Heavy Duty	9.2%	6.9%	5.5%	8.2%	8.6%
	Subtotal	53.1%	53.4%	57.7%	63.2%	64.8%
Waste	Solid Waste	1.7%	2.2%	2.2%	2.0%	2.5%
	Alternative Daily Cover	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal	1.8%	2.2%	2.2%	2.0%	2.5%
Water	Water Demand	0.6%	0.3%	0.2%	0.0%	0.0%
	Wastewater Treatment	1.6%	0.9%	0.7%	0.4%	0.5%
	Subtotal	2.2%	1.2%	0.9%	0.4%	0.5%
Off-Road Mobile	Construction	0.7%	4.6%	5.3%	2.5%	0.6%
	Lawn/Garden Equip.	0.3%	0.2%	0.2%	n/a	n/a
	Commercial Equip.	n/a	n/a	n/a	1.7%	1.8%
	Industrial Equip.	n/a	n/a	n/a	2.9%	3.2%
	Subtotal	0.9%	4.8%	5.5%	7.1%	5.7%
TOTAL		100%	100%	100%	100%	100%

