

Total Community Greenhouse Gas Emissions and Percent Change in Emissions, 2005-2020

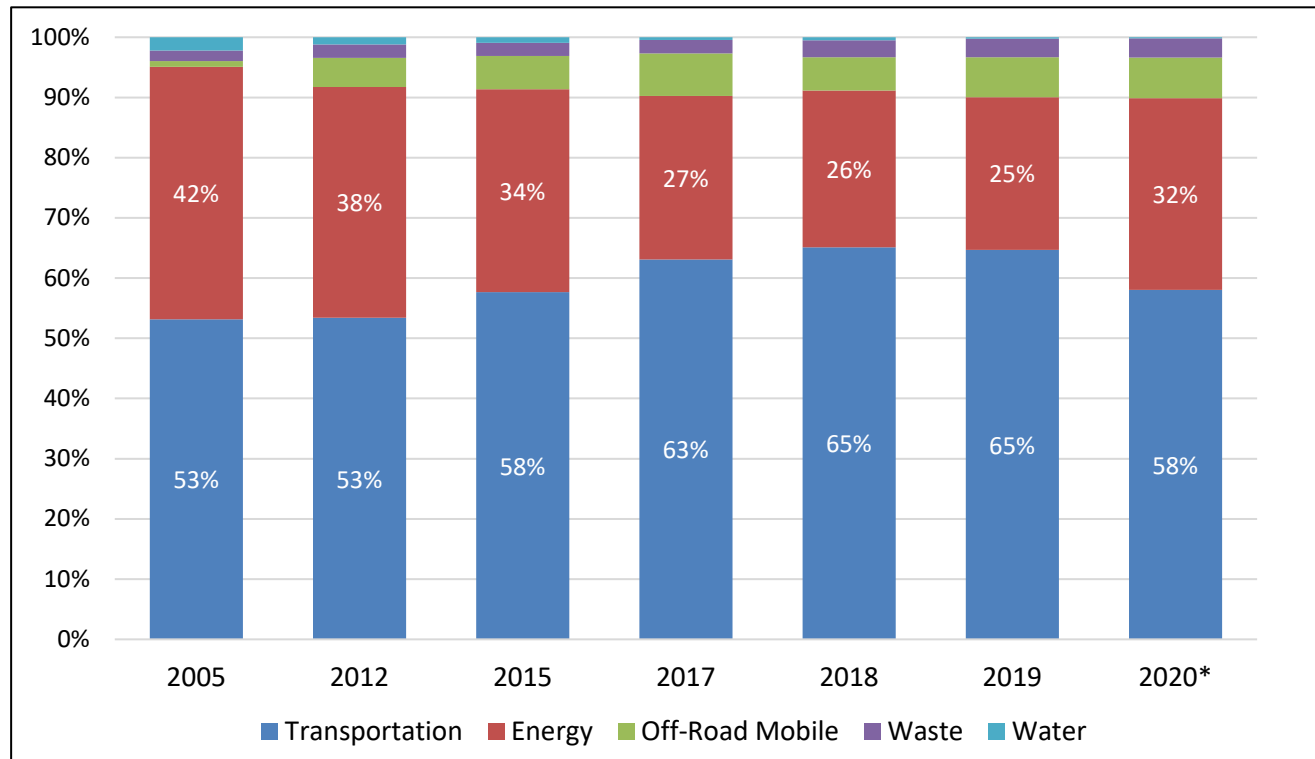
Sector	Subsector	Emissions (MT CO ₂ e)							Change 2005 to 2020		Change 2019 to 2020	
		2005	2012	2015	2017*	2018*	2019*	2020**	MT CO ₂ e	%	MT CO ₂ e	%
Energy - Residential	Electricity	36,307	31,875	27,221	7,065	801	175	193	-36114	-99%	18	10%
	Natural Gas	64,065	63,343	53,566	56,687	57,449	57,610	57,537	-6,528	-10%	-73	0%
Energy - Non-Residential	Electricity	138,119	139,048	130,021	60,304	42,833	37,812	34,483	-103,636	-75%	-3,329	-9%
	Natural Gas	57,071	60,899	56,031	56,372	57,098	58,182	50,243	-6,828	-12%	-7,939	-14%
	Subtotal	295,562	295,165	266,839	180,429	158,181	153,780	142,457	-153,105	-52%	-11,323	-7%
Transportation	Passenger/Light Duty	309,162	358,379	413,676	365,028	341,939	307,891	203,808	-105,354	-34%	-104,082	-34%
	Medium/Heavy Duty	64,915	53,339	43,243	53,946	53,737	84,597	56,359	-8,556	-13%	-28,238	-33%
	Subtotal	374,077	411,718	456,919	418,973	395,676	392,488	260,168	-113,909	-30%	-132,320	-34%
Waste	Solid Waste	12,248	17,261	17,312	15,131	17,093	18,932	14,369	2,121	17%	-4,563	-24%
	Alternative Daily Cover	77	22	16	2	0.5	0	0	-77	-100%	0	0%
	Subtotal	12,325	17,283	17,328	15,133	17,094	18,932	14,369	2,044	17%	-4,563	-24%
Water	Water Demand	4,384	2,326	1,633	77	84	2	2	-4382	-100%	0	6%
	Wastewater Treatment	11,144	6,922	5,648	2,719	2,957	1,302	731	-10413	-93%	-571	-44%
	Subtotal	15,528	9,248	7,281	2,797	3,040	1,304	733	-14,795	-95%	-571	-44%
Off-Road Mobile	Construction	4,793	35,278	41,878	16,552	3,786	9,871	7,316	2,523	53%	-2,556	-26%
	Lawn/Garden Equipment	1,767	1,868	1,918	-	-	-	-	N/A	N/A	N/A	N/A
	Commercial Equipment	-	-	-	11,085	10,948	11,071	3,567	N/A	N/A	-7,504	-68%
	Industrial Equipment	-	-	-	19,272	18,994	19,169	19,454	N/A	N/A	285	1%
	Subtotal	6,560	37,146	43,796	46,909	33,727	40,111	30,336	23,776	362%	-9,774	-24%
TOTAL		704,052	770,560	792,163	664,241	607,718	606,614	448,063	-255,989	-36%	-158,551	-26%

*Updated based on the global warming potentials from the IPCC 5th Assessment. The 2005, 2012, and 2015 inventories were calculated with the global warming potentials from the IPCC 2nd Assessment.

**2020 numbers are preliminary.

Percent of Total Emissions by Sector and Subsector, 2005-2020

Sector	Subsector	Percent of Total Emissions						
		2005	2012	2015	2017	2018	2019	2020*
Energy - Residential	Electricity	5.2%	4.1%	3.4%	1.1%	0.1%	0.0%	0.0%
	Natural Gas	9.1%	8.2%	6.8%	8.5%	9.5%	9.5%	12.8%
Energy - Non-Residential	Electricity	19.6%	18.0%	16.4%	9.1%	7.0%	6.2%	7.7%
	Natural Gas	8.1%	7.9%	7.1%	8.5%	9.4%	9.6%	11.2%
	Subtotal	42.0%	38.3%	33.7%	27.2%	26.0%	25.4%	31.8%
Transportation	Passenger/Light Duty	43.9%	46.5%	52.2%	55.0%	56.3%	50.8%	45.5%
	Medium/Heavy Duty	9.2%	6.9%	5.5%	8.1%	8.8%	13.9%	12.6%
	Subtotal	53.1%	53.4%	57.7%	63.1%	65.1%	64.7%	58.1%
Waste	Solid Waste	1.7%	2.2%	2.2%	2.3%	2.8%	3.1%	3.2%
	Alternative Daily Cover	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal	1.8%	2.2%	2.2%	2.3%	2.8%	3.1%	3.2%
Water	Water Demand	0.6%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%
	Wastewater Treatment	1.6%	0.9%	0.7%	0.4%	0.5%	0.2%	0.2%
	Subtotal	2.2%	1.2%	0.9%	0.4%	0.5%	0.2%	0.2%
Off-Road Mobile	Construction	0.7%	4.6%	5.3%	2.5%	0.6%	1.6%	1.6%
	Lawn/Garden Equipment	0.3%	0.2%	0.2%	N/A	N/A	N/A	N/A
	Commercial Equipment	N/A	N/A	N/A	1.7%	1.8%	1.8%	0.8%
	Industrial Equipment	N/A	N/A	N/A	2.9%	3.1%	3.2%	4.3%
	Subtotal	0.9%	4.8%	5.5%	7.1%	5.5%	6.6%	6.8%
TOTAL		100%	100%	100%	100%	100%	100%	100%



*2020 numbers are preliminary.