

## City of Fort Collins 2017 Community GHG Report

Scope 1 - Direct GHG Emissions	Usage	Unit	Metric tons of CO <sub>2</sub> e
Natural Gas, Residential:	3,446,944	Dth	183,331
Natural Gas, Commercial:	1,351,139	Dth	71,862
Natural Gas, Industrial and Transportation:	2,961,721	Dth	157,192
<i>Natural Gas Subtotal</i>	<i>7,759,804</i>	<i>Dth</i>	<i>412,385</i>
Gas Car (assumes 23.2 mpg):	24,376,410	gal.	192,532
Gas Light Truck (assumes 17.1 mpg):	30,234,461	gal.	238,801
Gas Heavy Truck (assumes 13.9 mpg):	291,070	gal.	2,299
Diesel Car (assumes 19.4 mpg):	53,688	gal.	548
Diesel Light Truck (assumes 16.9 mpg):	966,790	gal.	9,871
Diesel Heavy Truck (assumes 5.6 mpg):	4,144,567	gal.	42,316 +
Water Reclamation Process Emissions	population based		1,255
<i>Ground Travel Subtotal</i>	<i>60,066,986</i>	<i>gal.</i>	<i>487,622</i>
<b>Scope 1 Subtotal</b>			<b>900,007</b>
Scope 2 - Energy Indirect GHG Emissions	Usage		Metric tons of CO <sub>2</sub> e
Electricity, Residential:	485,755,394	kWh	314,950
Electricity, Commercial:	506,558,314	kWh	328,439
Electricity, Industrial:	506,950,771	kWh	328,718
Electricity, Street Lights:	573,996	kWh	5,296
Electricity, Traffic Lights:	8,167,118	kWh	372
Elec. Distribution and Transmission Losses:	53,976,464	kWh	35,000
<i>Electricity Usage Subtotal:</i>	<i>1,561,982,057</i>	<i>kWh</i>	<i>1,012,774</i>
<b>Scope 2 Subtotal</b>			<b>1,012,774</b>
Scope 3 - Other Indirect GHG Emissions	Usage		Metric tons of CO <sub>2</sub> e
Solid Waste:	149,890	tons	72,523
Water Reclamation Digester Gas:	133,482	ft <sup>3</sup> /day	7
Water Treatment and Distribution:	8,619,975,780	gal.	4,807
<b>Scope 3 Subtotal</b>			<b>77,337</b>
<b>Total Metric Tons of CO<sub>2</sub>e:</b>			<b>1,990,118</b>

Due to changes in accounting, some previous categories are no longer tracked, including benefits/offsets, renewable energy credits, recyclable waste embodied emissions, and community air travel.

+ An error in 2016 data was caught that increased heavy truck emissions.