

# City of Fort Collins 2016 Community GHG Report

<b>Scope 1 - Direct GHG Emissions</b>	<b>Usage</b>	<b>Unit</b>	<b>Metric tons of CO2e</b>
Natural Gas, Residential:	3,392,292	Dth	180,321
Natural Gas, Commercial:	1,332,265	Dth	70,818
Natural Gas, Industrial and Transportation:	2,870,642	Dth	152,351
<i>Natural Gas Subtotal</i>	<i>7,595,200</i>	<i>Dth</i>	<i>403,489</i>
Gas Car (assumes 23.2 mpg):	23,993,461	gal.	210,663
Gas Light Truck (assumes 17.1 mpg):	31,249,489	gal.	274,371
Gas Heavy Truck (assumes 13.9 mpg):	0	gal.	0 <sup>+</sup>
Diesel Car (assumes 19.4 mpg):	52,877	gal.	540
Diesel Light Truck (assumes 16.9 mpg):	952,184	gal.	9,722
Diesel Heavy Truck (assumes 5.6 mpg):	2,647,207	gal.	27,028
Water Reclamation Process Emissions	population based		1,411
<b>Scope 1 Subtotal</b>			<b>927,224</b>
<b>Scope 2 - Energy Indirect GHG Emissions</b>	<b>Usage</b>		<b>Metric tons of CO2e</b>
Electricity, Residential:	495,470,931	kWh	334,176
Electricity, Commercial:	513,844,987	kWh	346,560
Electricity, Industrial:	493,830,198	kWh	332,842
Electricity, Street Lights:	8,449,704	kWh	5,695
Electricity, Traffic Lights:	573,996	kWh	387
Elec. Distribution and Transmission Losses:	63,352,184	kWh	42,699
<i>Electricity Usage Subtotal:</i>	<i>1,575,522,000</i>	<i>kWh</i>	<i>1,062,358</i>
<b>Scope 2 Subtotal</b>			<b>1,062,358</b>
<b>Scope 3 - Other Indirect GHG Emissions</b>	<b>Usage</b>		<b>Metric tons of CO2e</b>
Solid Waste:	171,572	tons	78,098
Water Reclamation Digester Gas:	117,786	ft <sup>3</sup> /day	7 <sup>*</sup>
Water Treatment and Distribution:	9,226,105,000	gal.	5,348
<b>Scope 3 Subtotal</b>			<b>83,453</b>
<b>Total Metric Tons of CO2e:</b>			<b>2,073,035</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.

<sup>+</sup> This data was provided by the state and reflects their methodology for vehicle distribution

<sup>\*</sup> Water reclamation digester gas previously included biogenic emissions, this was determined to be inconsistent with the City's carbon accounting practices and was removed, lowering the metric tons of CO2e for water.