

City of Fort Collins 2005 Community GHG Report

Scope 1 - Direct GHG Emissions	Usage	Unit	Metric tons of CO2e
Natural Gas, Residential:	2,968,669	Dth	157,803
Natural Gas, Commercial:	1,207,770	Dth	64,200
Natural Gas, Industrial and Transportation:	3,051,712	Dth	161,960
<i>Natural Gas Subtotal</i>			<i>383,963</i>
Gas Car (assumes 23.2 mpg):	22,299,792	gal.	195,792
Gas Light Truck (assumes 17.1 mpg):	21,402,275	gal.	187,912
Gas Heavy Truck (assumes 13.9 mpg):	2,561,720	gal.	22,492 ⁺
Diesel Car (assumes 19.4 mpg):	61,766	gal.	631
Diesel Light Truck (assumes 16.9 mpg):	94,660	gal.	966
Diesel Heavy Truck (assumes 5.6 mpg):	14,410,724	gal.	147,133
Water Reclamation Process Emissions	population based		1,147
Scope 1 Subtotal			940,037
Scope 2 - Energy Indirect GHG Emissions	Usage		Metric tons of CO2e
Electricity, Residential:	453,821,892	kWh	376,301
Electricity, Commercial:	473,599,586	kWh	392,691
Electricity, Industrial:	464,278,020	kWh	384,757
Electricity, Street Lights:	8,123,199	kWh	6,732
Electricity, Traffic Lights:	907,818	kWh	752
Elec. Distribution and Transmission Losses:	58,094,485	kWh	48,144
<i>Electricity Usage Subtotal:</i>			<i>1,209,377</i>
Scope 2 Subtotal			1,209,377
Scope 3 - Other Indirect GHG Emissions	Usage		Metric tons of CO2e
Solid Waste:	237,747	tons	194,127
Water Reclamation Digester Gas:	111,419	ft ³ /day	7 ⁺
Water Treatment and Distribution:	7,405,780,650	gal.	5,278
Scope 3 Subtotal			199,411
Total Metric Tons of CO2e:			2,348,825

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.

⁺ 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.