

COMMUNITY GREENHOUSE GAS INVENTORY

DETAILED EMISSIONS RESULTS TABLE - CITY OF ROCKVILLE TOTALS

Emissions Type (Main ClearPath Tab)	Emissions Activity or Source (ClearPath Calculator)	Inventory Records (Entered in ClearPath)	Emissions (MTCO ₂ e)				
			2005	2012	2015	2018	% Change, 2005-2018
BUILT ENVIRONMENT							
Residential Energy	Emissions from Grid Electricity	Residential Electricity	133,725	85,306	80,284	78,179	-42%
	Emissions from Stationary Fuel	Residential Natural Gas	75,935	61,865	77,139	80,679	6%
		Residential Fuel Oil	4,082	1,721	2,509	1,869	-54%
		Residential LPG	1,585	1,802	2,247	2,228	41%
Commercial Energy	Emissions from Grid Electricity	Commercial Electricity	420,022	279,321	242,419	232,067	-45%
	Emissions from Stationary Fuel Combustion	Commercial Natural Gas	77,998	78,561	80,373	80,265	3%
		Commercial Fuel Oil	677	1,083	1,116	1,139	68%
		Commercial LPG	551	540	531	542	-2%
TRANSPORTATION AND MOBILE EMISSIONS							
Transportation and Mobile Emissions	On Road Transportation	On Road Mobile Emissions	251,578	252,941	257,962	254,409	1%
	Aviation Travel	Passenger Air Travel	12,438	5,746	7,364	20,985	69%
	Rail Transportation	Rail Transportation	0	533	619	675	#DIV/0!
	Emissions from Off Road Vehicles	Off Road Mobile Emissions	23,495	19,022	18,896	20,380	-13%
WASTEWATER TREATMENT							
Water and Wastewater	Fugitive Emissions from Septic Systems	Septic System Emissions	0	0	0	0	#DIV/0!
	Nitrification/Denitrification Process N2O Emissions from Wastewater Treatment	Sewer System Emissions	155	164	167	182	17%
	Process N2O from Effluent Discharge to Rivers and Estuaries	N2O Effluent Discharge Emissions	112	69	54	56	-50%
AGRICULTURE							
Agriculture	Emissions from Agricultural Activities	Enteric Fermentation	0	0	0	0	#DIV/0!
		Manure Management	0	0	0	0	#DIV/0!
		Urban Fertilizer Application	152	165	169	173	14%
SOLID WASTE TREATMENT							
Solid Waste	Waste Generation	Landfill Waste Generation	-	-	-	-	#DIV/0!
	Combustion of Solid Waste Generated by the Community	Combustion of Solid Waste	3,958	3,758	4,039	3,501	-12%
OTHER							
Process and Fugitive Emissions	Hydrofluorocarbon & Refrigerant Emissions	HFCs	21,580	28,554	33,698	34,849	61%
	Fugitive Emissions from Natural Gas Distribution	Natural Gas Fugitive Emissions	4,485	4,091	4,589	4,689	5%
TOTAL GREENHOUSE GAS EMISSIONS			1,032,529	825,242	814,174	816,868	-21%

Column Header	Description
Emissions Type	This column lists the main tabs in the online ClearPath tool's GHG inventory entry pages in the same order listed in ClearPath.
Emissions Activity/Source	This column lists the ClearPath calculators used in for the development of these inventories. These calculators are found under each of the main tabs in the
Inventory Records	This column lists COG's inventory record entries according to which calculator was used to create that entry.
Emissions	Metric Tons of CO ₂ Equivalent (MTCO ₂ e) and Million Metric Tons of CO ₂ Equivalent (MMTCO ₂ e) by emissions activity or source for 2005, 2012, 2015 and percent change between 2005 and 2015.

Legend:

	Table organization only. Do not alter, enter or calculate data in gray-shaded cells.
	Light blue are data entry cells.
	Shades of green are cells that contain calculations. Moderate green colored cells contain subtotals, darker green cells contain grand totals.