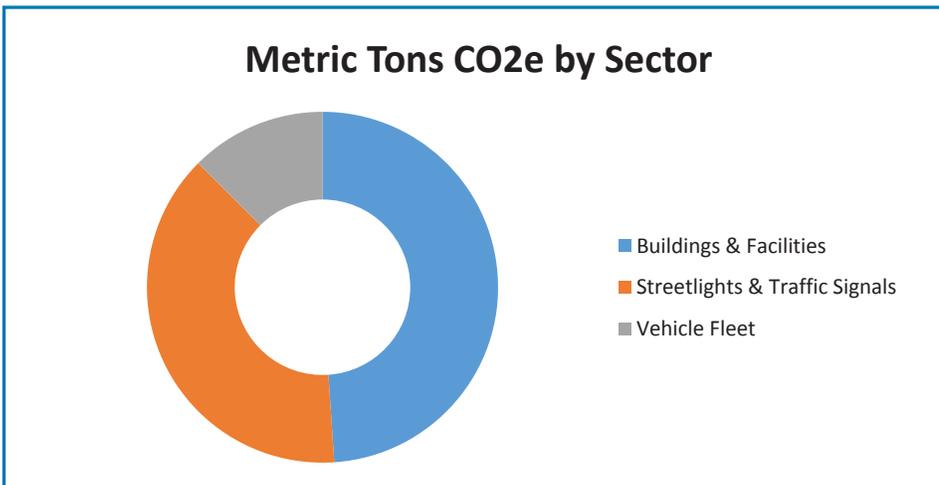


# CITY OF GAITHERSBURG

## 2014 MUNICIPAL EMISSIONS FACTSHEET

The City of Gaithersburg has made a commitment to track and report municipal emissions on an annual basis (Strategic Plan 2016; Environment, Key Action Item). This initiative informs City leaders on the progress of efforts and seeks to identify potential opportunities to reduce carbon pollution. The City's baseline begins with the emissions data for the 2014 calendar year. Analysis and conclusions regarding future years will be drawn from comparisons to 2014.

### 2014 Municipal Emissions



Emissions include activities associated with the City's municipal operations: Buildings & Facilities, Streetlights & Traffic Signals, and Vehicle Fleet.

**CITY'S EMISSIONS = 10,296 CO<sub>2</sub>e**  
equivalent to



**tanker trucks worth of gasoline**

### EMISSIONS SUMMARY



■ **Buildings & Facilities** was the sector with the largest contribution to carbon pollution in 2014 at 5,038 metric tons of CO<sub>2</sub>e (49% of the City's total for the three sectors).



■ **Streetlights and Traffic Signals** comprised the second largest source of carbon pollution with 3,970 metric tons of CO<sub>2</sub>e (39% of the City's total for the three sectors), followed by



■ **Vehicle Fleet** as the third largest contributor with 1,288 metric tons of CO<sub>2</sub>e (12% of the City's total for the three sectors).

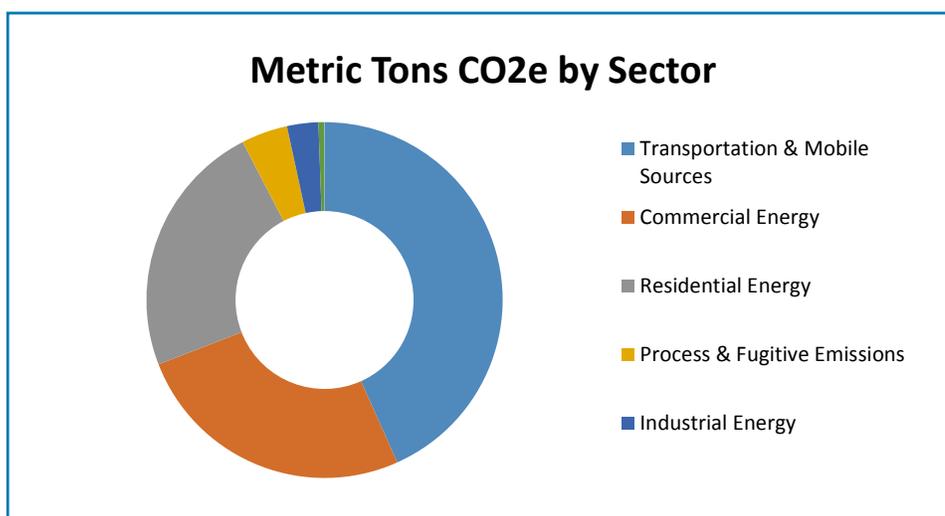
■ Comparison with future data years will show how the City is performing on emission reductions strategies in three ways: overall emissions reductions; reductions within the three major sectors; and comparison of individual sectors from year-to-year.



## 2012 COMMUNITY-WIDE EMISSIONS FACTSHEET

The City of Gaithersburg has made a commitment to track and report community emissions on a regular basis when community level data is available (Strategic Plan 2016; Environment, Key Action Item). This initiative informs City leaders on the progress of efforts and seeks to identify potential opportunities to reduce carbon pollution. The Community-Wide baseline begins with the emissions data for the 2012 calendar year. Analysis and conclusions regarding future years will be drawn from comparisons to the 2012 baseline year.

### 2012 Community Emissions



Emissions tracked include the following sectors: Transportation & Mobile Sources, Commercial Energy, Residential Energy, Process & Fugitive Emissions, and Industrial Energy.



### LEARN MORE

For information on current and anticipated impacts of climate change in the Northeast visit: <https://www3.epa.gov/climatechange/impacts/northeast.html>

For information about steps that Cities, regions, and individuals can take to address climate change visit <http://www.mwcog.org/environment/climate/do.asp>

### EMISSIONS SUMMARY



■ The largest contributor to emissions for 2012 was **Transportation & Mobile Sources** at 152,965 metric tons of CO<sub>2</sub>e (43% of the community's total emissions).



■ **Commercial Energy** comprised the second largest source of carbon pollution with 91,201 metric tons of CO<sub>2</sub>e (26% of the community's total emissions), followed by Residential Energy as the third largest contributor at 82,270 metric tons of CO<sub>2</sub>e (23% of the community's total emissions).

■ Gaithersburg's per capita emissions were 17.8 MT CO<sub>2</sub>e in 2012. This exceeds the regional average, which was 13.1 MT CO<sub>2</sub>e per capita in 2012.

■ Transportation & Mobile Sources was also the largest contributor for Montgomery County at 36% of the community's total emissions.

The City of Gaithersburg thanks the Metropolitan Washington Council of Governments for assistance with data collection in the creation of this factsheet.