



# Surprise 2018 Community Greenhouse Gas (GHG) Emissions Inventory

## GHG Emissions by Source Category

	GHG Emissions *MTCO <sub>2</sub> e	Percent
Electricity Use	458,266	34.3
Mobile Sources	645,231	48.2
Stationary Fuel Combustion	158,495	11.8
Wastewater	29,312	2.2
Solid Waste	20,317	1.5
Manufacturing (Fluorinated Gas Use)	17,481	1.3
Imported Water (Electricity Used)	7,366	0.6
Livestock (Cattle)	715	0.1
Fertilizer Use	507	0

*\*Metric tons of carbon dioxide equivalent*

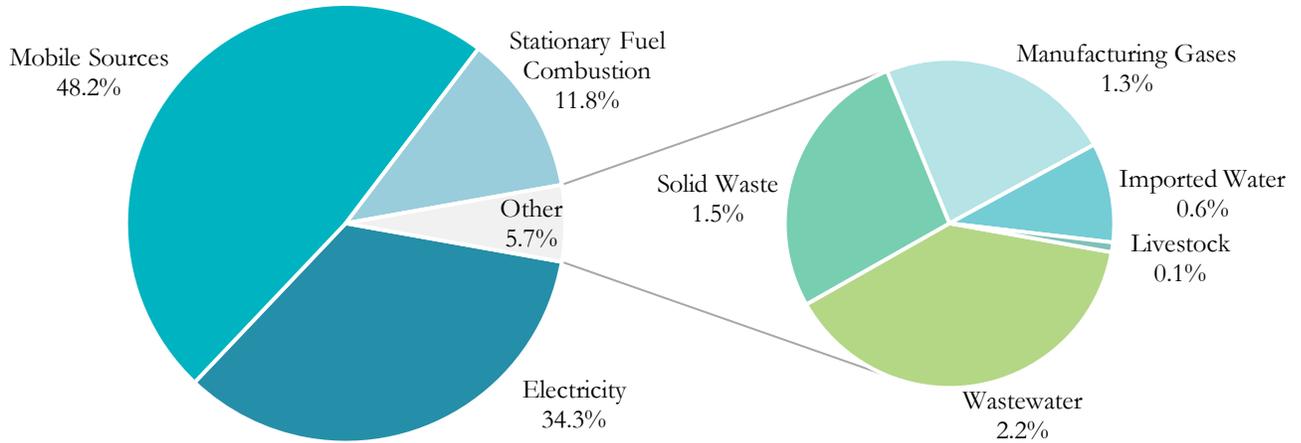
Gross GHG Emissions  
**1,337,689 MTCO<sub>2</sub>e**

GHG Reductions (Urban Forestry)  
**-2,052 MTCO<sub>2</sub>e**

Net GHG Emissions  
**1,335,637 MTCO<sub>2</sub>e**

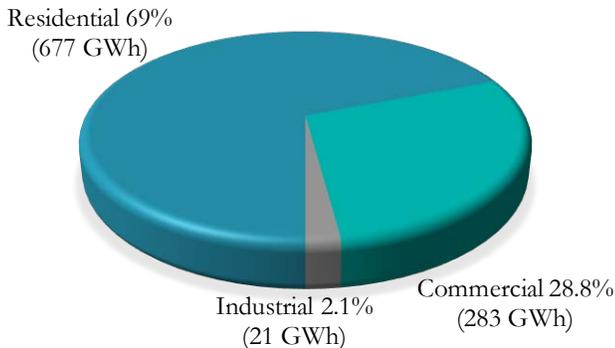
Per Capita Net GHG Emissions  
**10.1 MTCO<sub>2</sub>e**

Surprise Greenhouse Gas Emissions by Source Category\*\*



\*\*Fertilizer use not included

Surprise Electricity Use GHG  
Emissions by Economic Sector



Surprise Mobile Source GHG  
Emissions

