

# Batavia

## 2019 municipal emissions summary

This local emissions summary was developed as part of the 2019 greenhouse gas emissions inventory for northeastern Illinois. The summary is not an exhaustive inventory but captures greenhouse gas emissions from most major sources. It is intended to help decision makers understand key emissions sources and provide communities with the information needed to begin developing emissions reduction plans. For more details on the methods and data sources used to prepare the summary, please refer to the [local emissions summaries methodology](#).

## Community characteristics

Population	26,098
Jobs (full- and part-time)	15,104
Median household income	\$93,789
Share of owner-occupied housing units	76%
Land area (acres)	6,180
Tree coverage*	26%
Impervious surfaces*	41%
Greenest region compact member	Yes

\*percent of land area

## Emissions summary

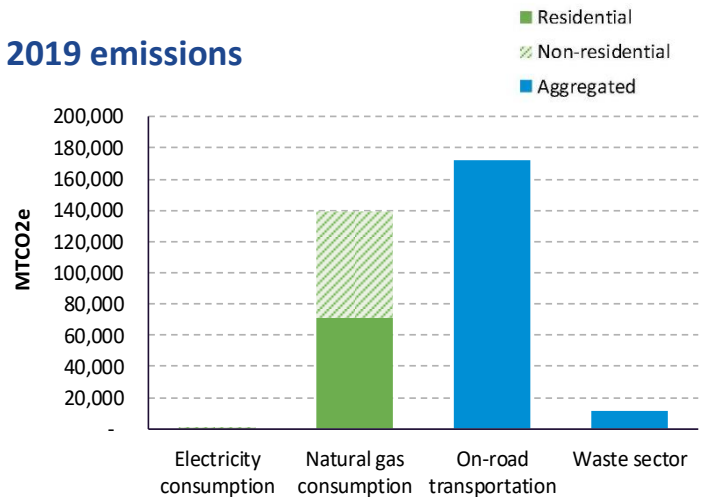


### 2019 emissions summary (MTCO<sub>2</sub>e)

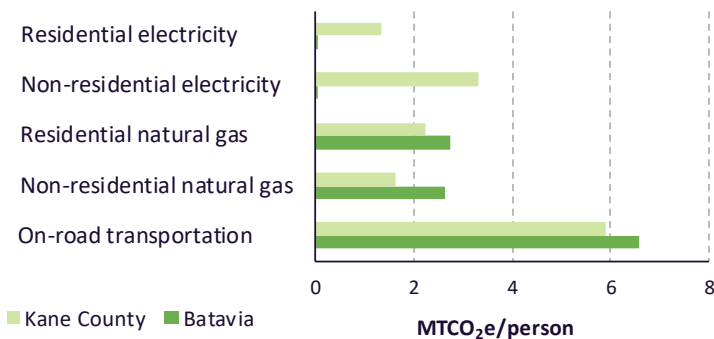
Residential electricity	20
Non-residential electricity	30
Residential natural gas	71,241
Non-residential natural gas	68,438
On-road transportation	171,705
Waste sector	11,344

MTCO<sub>2</sub>e = metric tons of carbon dioxide equivalent

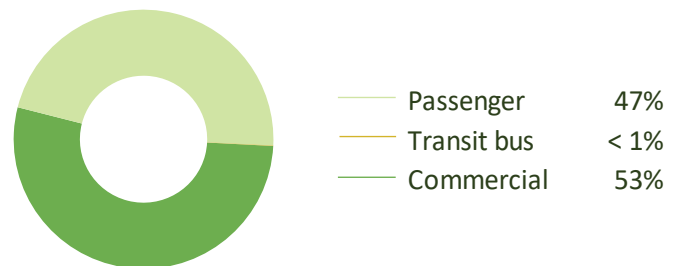
### 2019 emissions



### 2019 per capita emissions



### On-road transportation emissions breakout



## Energy characteristics



### 2019 energy consumption

Residential electricity (kWh)	51,462
Non-residential electricity (kWh)	77,299
Residential natural gas (MMBtu)	1,341,271
Non-residential natural gas (MMBtu)	1,288,503

kWh = kilowatt hours; MMBtu = million British thermal unit

### Renewable energy information

Solar potential (megawatts)	199
SolSmart designation	NA

Data not available for all municipalities

### 2019 per capita energy consumption

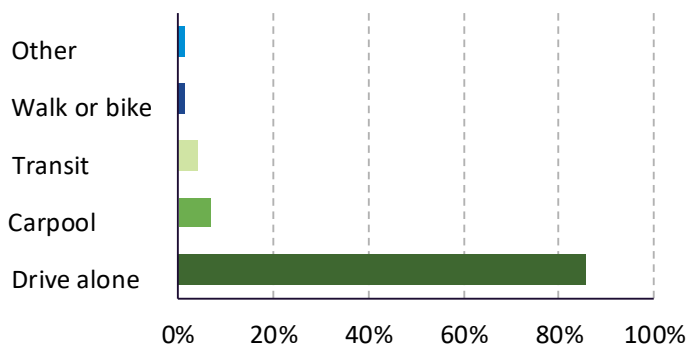
	Batavia	Kane County	CMAP Region
Residential electricity (kWh/person)	2	3,134	2,844
Non-residential electricity (kWh/person)	3	7,489	7,279
Residential natural gas (MMBtu/person)	51	42	38
Non-residential natural gas (MMBtu/person)	49	31	38

kWh = kilowatt hours; MMBtu = million British thermal unit

## Transportation characteristics



### Mode of travel to work



### Electric vehicle information

Electric vehicles	65
Public charging stations: level 2	2
Public charging stations: DC fast	0
Public charging stations: total	2

### Transportation details

	Batavia	Kane County	CMAP Region
Vehicles per household	2.0	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.2%	0.2%	0.2%
Share of residents with at least moderate walkability	42%	38%	64%
Share of residents with at least moderate transit access	41%	52%	74%
Residential vehicle miles traveled (per household)	21,886	22,219	17,165

Data are not available for all municipalities