

# Elgin

## 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	114,797
Jobs (full- and part-time)	52,427
Median household income	\$69,041
Share of owner-occupied housing units	70%
Land area (acres)	24,278
Tree coverage*	20%
Impervious surfaces*	38%
Greenest region compact member	Yes

\*percent of land area

## Emissions summary

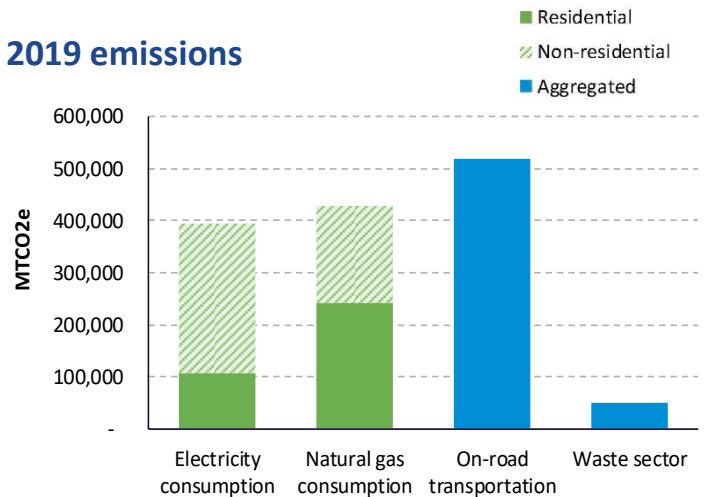


### 2019 emissions summary (MTCO<sub>2</sub>e)

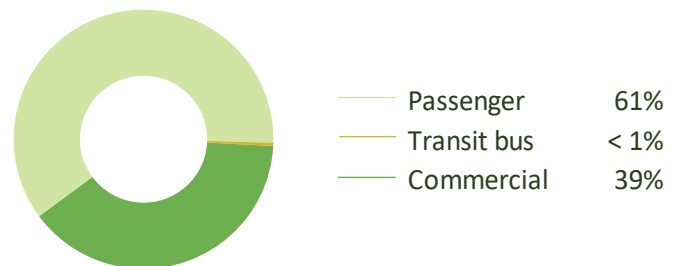
Residential electricity	107,926
Non-residential electricity	287,702
Residential natural gas	241,558
Non-residential natural gas	186,502
On-road transportation	518,099
Waste sector	49,900

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

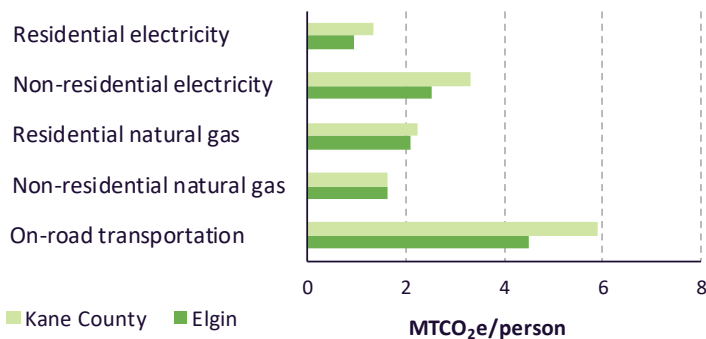
### 2019 emissions



### On-road transportation emissions breakout



### 2019 per capita emissions



## Energy characteristics



### 2019 energy consumption

Residential electricity (kWh)	277,420,841
Non-residential electricity (kWh)	739,530,930
Residential natural gas (MMBtu)	4,547,873
Non-residential natural gas (MMBtu)	3,511,311

kWh = kilowatt hours; MMBtu = million British thermal unit

### Renewable energy information

Solar potential (megawatts)	244
SolSmart designation	Silver

Data not available for all municipalities

### 2019 per capita energy consumption

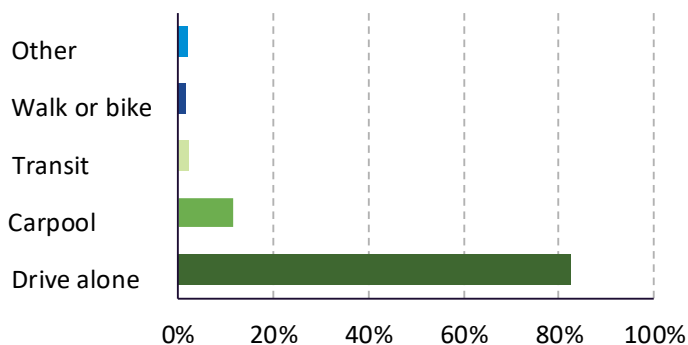
	Elgin	Kane County	CMAP Region
Residential electricity (kWh/person)	2,417	3,134	2,844
Non-residential electricity (kWh/person)	6,442	7,489	7,279
Residential natural gas (MMBtu/person)	40	42	38
Non-residential natural gas (MMBtu/person)	31	31	38

kWh = kilowatt hours; MMBtu = million British thermal unit

## Transportation characteristics



### Mode of travel to work



### Electric vehicle information

Electric vehicles	120
Public charging stations: level 2	9
Public charging stations: DC fast	0
Public charging stations: total	9

### Transportation details

	Elgin	Kane County	CMAP Region
Vehicles per household	2.0	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.1%	0.2%	0.2%
Share of residents with at least moderate walkability	57%	38%	64%
Share of residents with at least moderate transit access	87%	52%	74%
Residential vehicle miles traveled (per household)	20,476	22,219	17,165

Data are not available for all municipalities