

# Joliet

## 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	150,362
Jobs (full- and part-time)	44,660
Median household income	\$70,509
Share of owner-occupied housing units	71%
Land area (acres)	40,829
Tree coverage*	2%
Impervious surfaces*	35%
Greenest region compact member	Yes

\*percent of land area

## Emissions summary

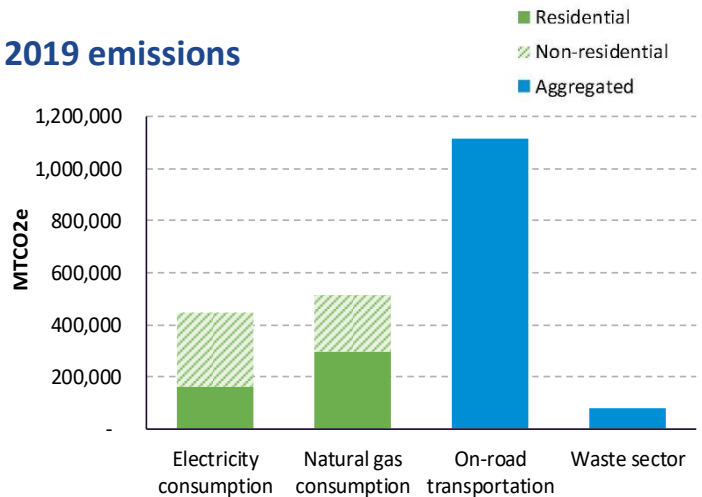


### 2019 emissions summary (MTCO<sub>2</sub>e)

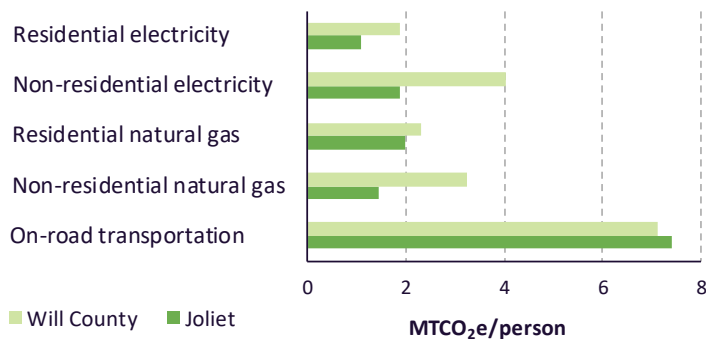
Residential electricity	162,287
Non-residential electricity	283,187
Residential natural gas	297,994
Non-residential natural gas	218,232
On-road transportation	1,113,960
Waste sector	78,235

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

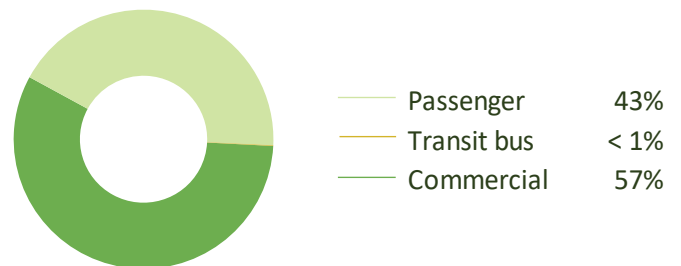
### 2019 emissions



### 2019 per capita emissions



### On-road transportation emissions breakout



## Energy characteristics



### 2019 energy consumption

Residential electricity (kWh)	417,153,365
Non-residential electricity (kWh)	727,925,461
Residential natural gas (MMBtu)	5,610,404
Non-residential natural gas (MMBtu)	4,108,705

kWh = kilowatt hours; MMBtu = million British thermal unit

### Renewable energy information

Solar potential (megawatts)	607
SolSmart designation	NA

Data not available for all municipalities

### 2019 per capita energy consumption

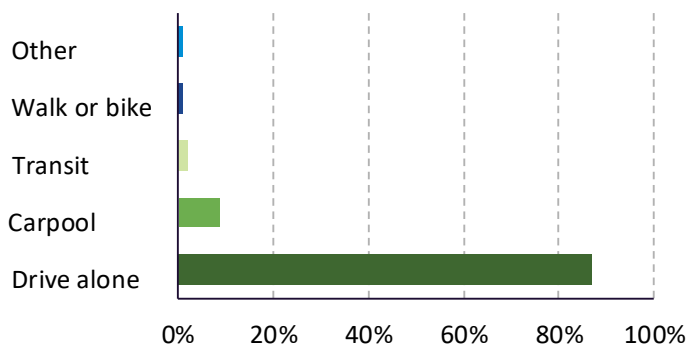
	Joliet	Will County	CMAP Region
Residential electricity (kWh/person)	2,774	3,819	2,844
Non-residential electricity (kWh/person)	4,841	8,842	7,279
Residential natural gas (MMBtu/person)	37	43	38
Non-residential natural gas (MMBtu/person)	27	61	38

kWh = kilowatt hours; MMBtu = million British thermal unit

## Transportation characteristics



### Mode of travel to work



### Electric vehicle information

Electric vehicles	94
Public charging stations: level 2	3
Public charging stations: DC fast	4
Public charging stations: total	7

### Transportation details

	Joliet	Will County	CMAP Region
Vehicles per household	2.0	2.7	2.0
Electric vehicles (% of passenger vehicles)	0.1%	0.2%	0.2%
Share of residents with at least moderate walkability	43%	16%	64%
Share of residents with at least moderate transit access	54%	32%	74%
Residential vehicle miles traveled (per household)	22,206	24,988	17,165

Data are not available for all municipalities