

# Orland Park

## 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	58,703
Jobs (full- and part-time)	23,197
Median household income	\$90,345
Share of owner-occupied housing units	87%
Land area (acres)	14,209
Tree coverage*	20%
Impervious surfaces*	42%
Greenest region compact member	Yes

\*percent of land area

## Emissions summary

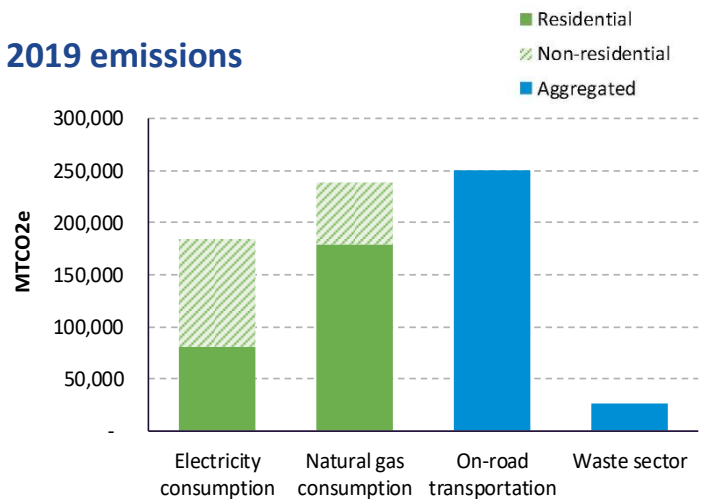


### 2019 emissions summary (MTCO<sub>2</sub>e)

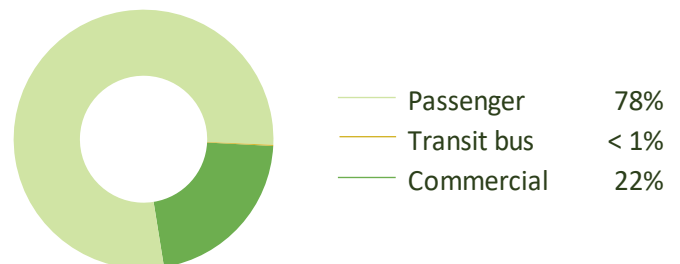
Residential electricity	80,544
Non-residential electricity	104,147
Residential natural gas	179,015
Non-residential natural gas	59,170
On-road transportation	249,841
Waste sector	26,718

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

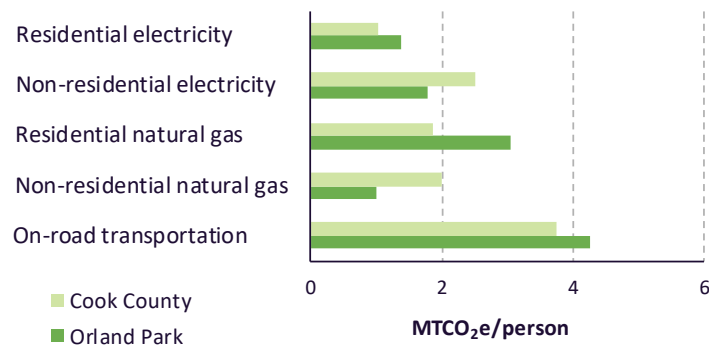
### 2019 emissions



### On-road transportation emissions breakout



### 2019 per capita emissions



## Energy characteristics



### 2019 energy consumption

Residential electricity (kWh)	207,035,256
Non-residential electricity (kWh)	267,706,727
Residential natural gas (MMBtu)	3,370,355
Non-residential natural gas (MMBtu)	1,114,010

kWh = kilowatt hours; MMBtu = million British thermal unit

### Renewable energy information

Solar potential (megawatts)	300
SolSmart designation	NA

Data not available for all municipalities

### 2019 per capita energy consumption

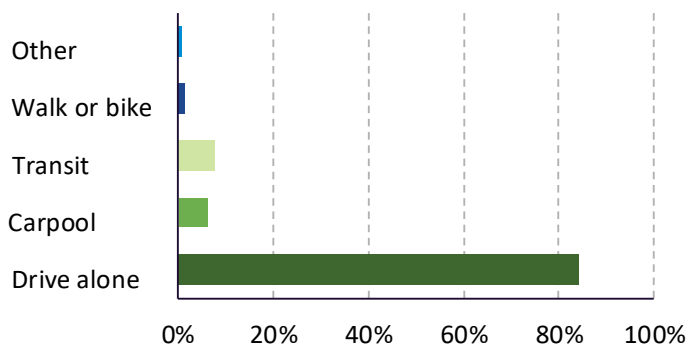
	Orland Park	Cook County	CMAP Region
Residential electricity (kWh/person)	3,527	2,614	2,844
Non-residential electricity (kWh/person)	4,560	6,417	7,279
Residential natural gas (MMBtu/person)	57	35	38
Non-residential natural gas (MMBtu/person)	19	38	38

kWh = kilowatt hours; MMBtu = million British thermal unit

## Transportation characteristics



### Mode of travel to work



### Electric vehicle information

Electric vehicles	132
Public charging stations: level 2	6
Public charging stations: DC fast	0
Public charging stations: total	6

### Transportation details

	Orland Park	Cook County	CMAP Region
Vehicles per household	2.0	1.7	2.0
Electric vehicles (% of passenger vehicles)	0.2%	0.2%	0.2%
Share of residents with at least moderate walkability	39%	85%	64%
Share of residents with at least moderate transit access	52%	92%	74%
Residential vehicle miles traveled (per household)	21,530	14,123	17,165

Data are not available for all municipalities