

# Plainfield

## 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	44,762
Jobs (full- and part-time)	13,573
Median household income	\$130,614
Share of owner-occupied housing units	89%
Land area (acres)	15,552
Tree coverage*	3%
Impervious surfaces*	27%
Greenest region compact member	Yes

\*percent of land area

## Emissions summary

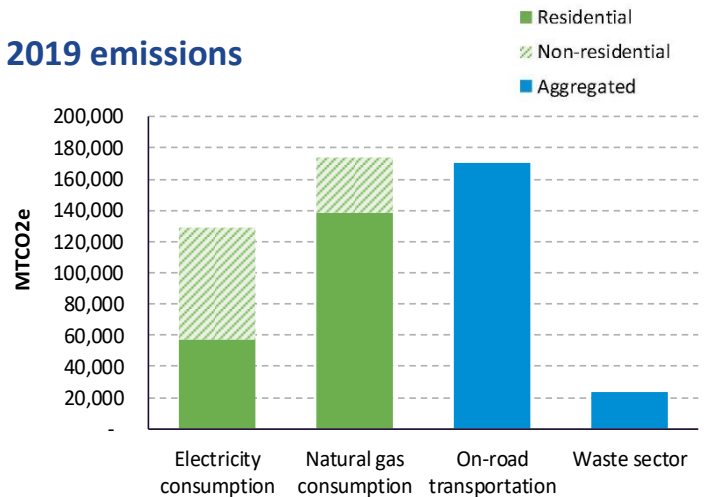


### 2019 emissions summary (MTCO<sub>2</sub>e)

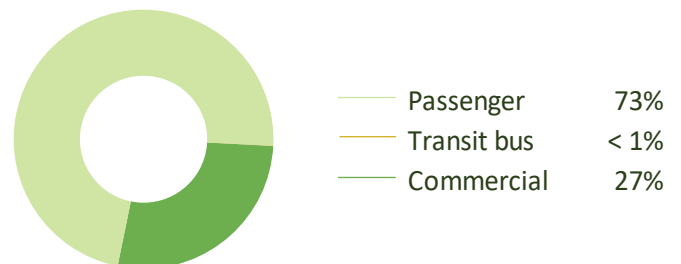
Residential electricity	57,443
Non-residential electricity	71,450
Residential natural gas	138,139
Non-residential natural gas	35,923
On-road transportation	170,175
Waste sector	23,290

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

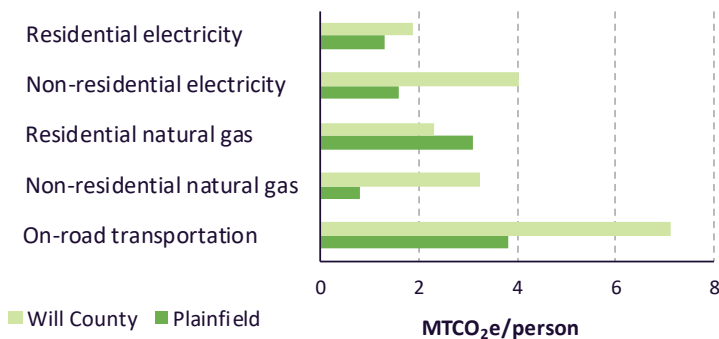
### 2019 emissions



### On-road transportation emissions breakout



### 2019 per capita emissions



## Energy characteristics



### 2019 energy consumption

Residential electricity (kWh)	147,656,424
Non-residential electricity (kWh)	183,659,317
Residential natural gas (MMBtu)	2,600,771
Non-residential natural gas (MMBtu)	676,335

kWh = kilowatt hours; MMBtu = million British thermal unit

### Renewable energy information

Solar potential (megawatts)	213
SolSmart designation	NA

Data not available for all municipalities

### 2019 per capita energy consumption

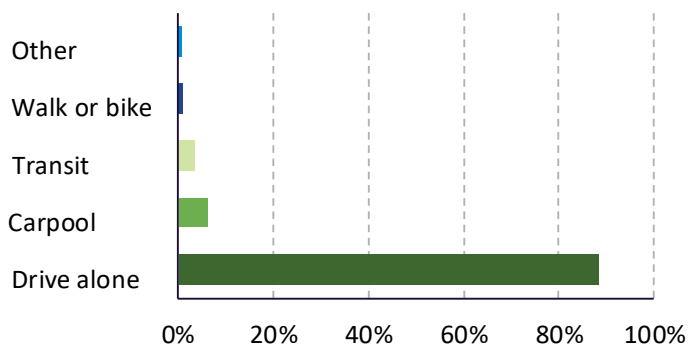
	Plainfield	Will County	CMAP Region
Residential electricity (kWh/person)	3,299	3,819	2,844
Non-residential electricity (kWh/person)	4,103	8,842	7,279
Residential natural gas (MMBtu/person)	58	43	38
Non-residential natural gas (MMBtu/person)	15	61	38

kWh = kilowatt hours; MMBtu = million British thermal unit

## Transportation characteristics



### Mode of travel to work



### Electric vehicle information

Electric vehicles	118
Public charging stations: level 2	0
Public charging stations: DC fast	0
Public charging stations: total	0

### Transportation details

	Plainfield	Will County	CMAP Region
Vehicles per household	2.3	2.7	2.0
Electric vehicles (% of passenger vehicles)	0.3%	0.2%	0.2%
Share of residents with at least moderate walkability	0%	16%	64%
Share of residents with at least moderate transit access	6%	32%	74%
Residential vehicle miles traveled (per household)	29,050	24,988	17,165

Data are not available for all municipalities