

# Union

## 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	551
Jobs (full- and part-time)	1,470
Median household income	\$67,083
Share of owner-occupied housing units	74%
Land area (acres)	530
Tree coverage*	13%
Impervious surfaces*	25%
Greenest region compact member	No

\*percent of land area

## Emissions summary

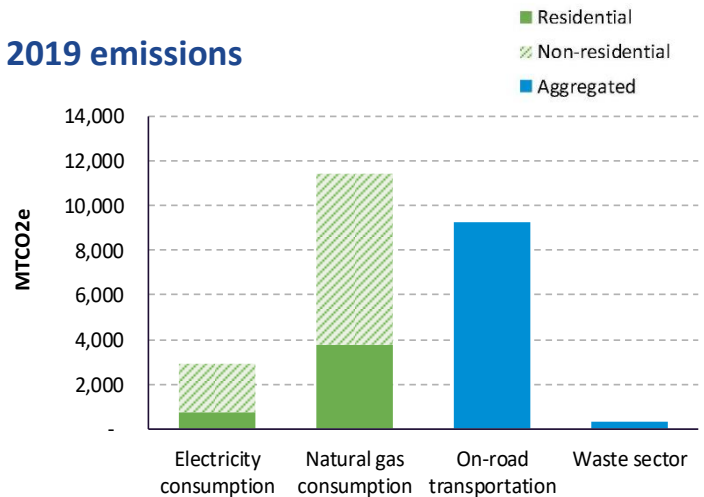


### 2019 emissions summary (MTCO<sub>2</sub>e)

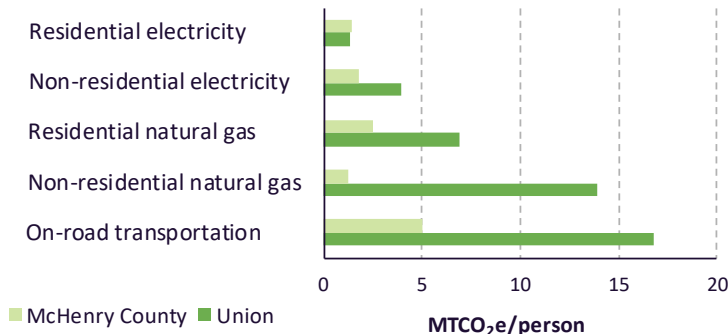
Residential electricity	756
Non-residential electricity	2,157
Residential natural gas	3,787
Non-residential natural gas	7,655
On-road transportation	9,247
Waste sector	292

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

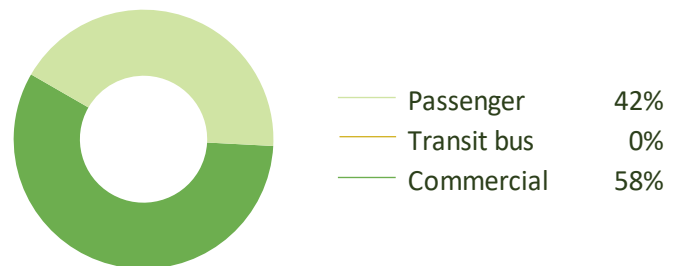
### 2019 emissions



### 2019 per capita emissions



### On-road transportation emissions breakout



## Energy characteristics



### 2019 energy consumption

Residential electricity (kWh)	1,942,123
Non-residential electricity (kWh)	5,544,696
Residential natural gas (MMBtu)	71,291
Non-residential natural gas (MMBtu)	144,117

kWh = kilowatt hours; MMBtu = million British thermal unit

### Renewable energy information

Solar potential (megawatts)	NA
SolSmart designation	NA

Data not available for all municipalities

### 2019 per capita energy consumption

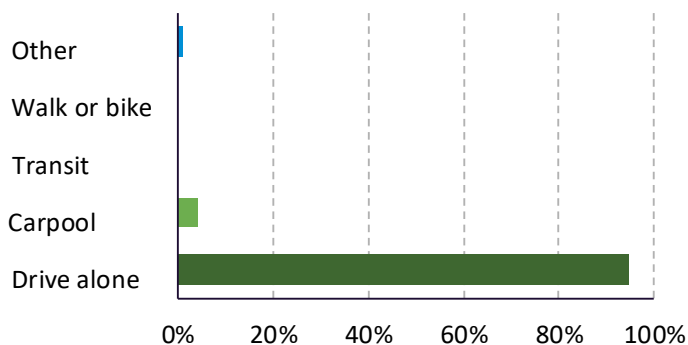
	Union	McHenry County	CMAP Region
Residential electricity (kWh/person)	3,525	3,647	2,844
Non-residential electricity (kWh/person)	10,063	4,575	7,279
Residential natural gas (MMBtu/person)	129	47	38
Non-residential natural gas (MMBtu/person)	262	24	38

kWh = kilowatt hours; MMBtu = million British thermal unit

## Transportation characteristics



### Mode of travel to work



### Electric vehicle information

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

### Transportation details

	Union	McHenry County	CMAP Region
Vehicles per household	2.0	2.8	2.0
Electric vehicles (% of passenger vehicles)	0.0%	0.1%	0.2%
Share of residents with at least moderate walkability	0%	16%	64%
Share of residents with at least moderate transit access	0%	17%	74%
Residential vehicle miles traveled (per household)	NA	23,593	17,165

Data are not available for all municipalities