

Palatine

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	67,908
Jobs (full- and part-time)	21,573
Median household income	\$80,526
Share of owner-occupied housing units	69%
Land area (acres)	8,807
Tree coverage*	30%
Impervious surfaces*	46%
Greenest region compact member	Yes

*percent of land area

Emissions summary

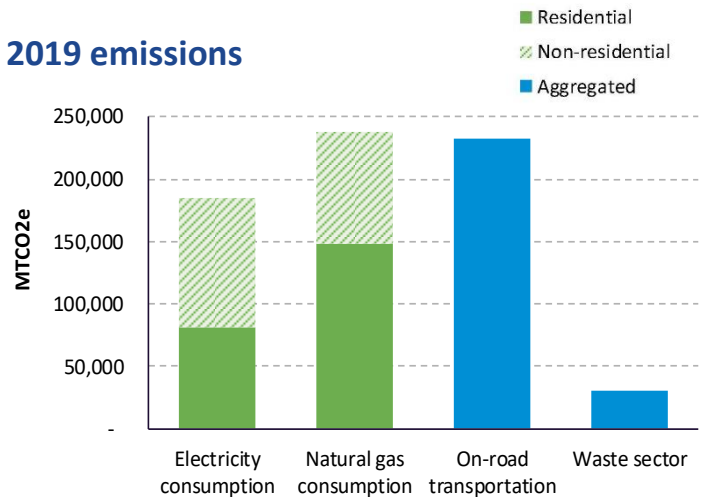


2019 emissions summary (MTCO₂e)

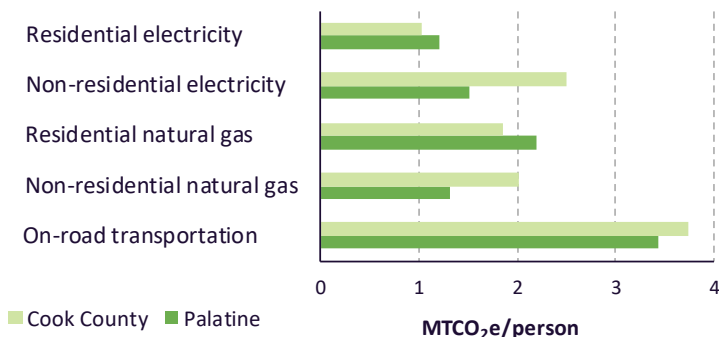
Residential electricity	81,366
Non-residential electricity	103,268
Residential natural gas	148,527
Non-residential natural gas	89,453
On-road transportation	232,933
Waste sector	30,908

MTCO₂e = metric tons of carbon dioxide equivalent

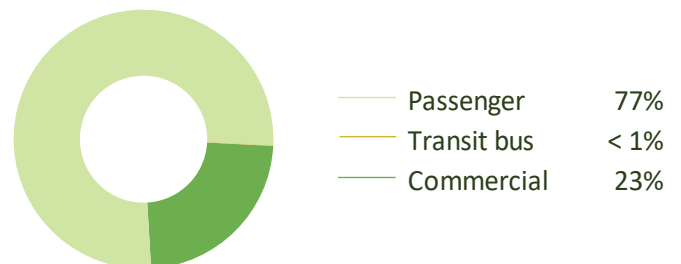
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	209,148,606
Non-residential electricity (kWh)	265,446,806
Residential natural gas (MMBtu)	2,796,360
Non-residential natural gas (MMBtu)	1,684,162

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	NA
SolSmart designation	Bronze

Data not available for all municipalities

2019 per capita energy consumption

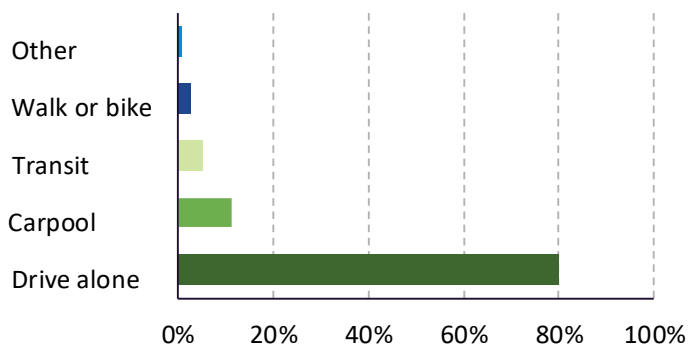
	Palatine	Cook County	CMAP Region
Residential electricity (kWh/person)	3,080	2,614	2,844
Non-residential electricity (kWh/person)	3,909	6,417	7,279
Residential natural gas (MMBtu/person)	41	35	38
Non-residential natural gas (MMBtu/person)	25	38	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	167
Public charging stations: level 2	6
Public charging stations: DC fast	1
Public charging stations: total	7

Transportation details

	Palatine	Cook County	CMAP Region
Vehicles per household	1.8	1.7	2.0
Electric vehicles (% of passenger vehicles)	0.3%	0.2%	0.2%
Share of residents with at least moderate walkability	60%	85%	64%
Share of residents with at least moderate transit access	35%	92%	74%
Residential vehicle miles traveled (per household)	17,999	14,123	17,165

Data are not available for all municipalities