

Hoffman Estates

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	52,530
Jobs (full- and part-time)	19,798
Median household income	\$91,917
Share of owner-occupied housing units	76%
Land area (acres)	13,439
Tree coverage*	28%
Impervious surfaces*	30%
Greenest region compact member	Yes

*percent of land area

Emissions summary

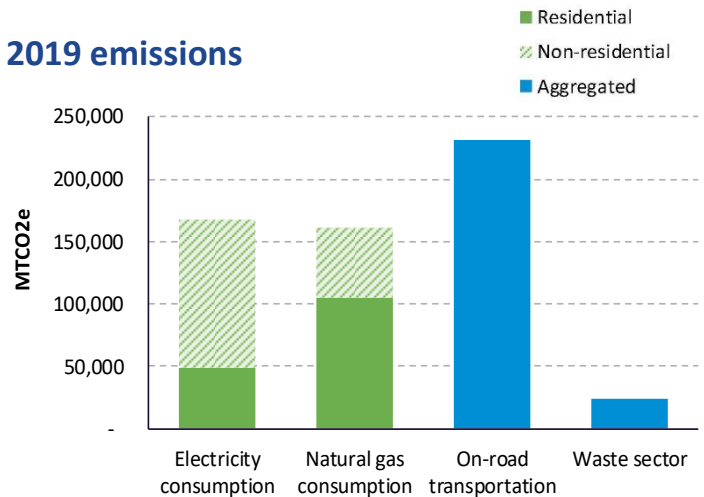


2019 emissions summary (MTCO₂e)

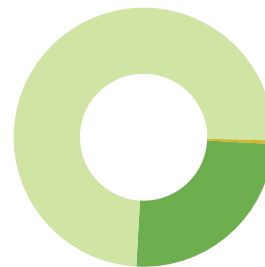
Residential electricity	49,262
Non-residential electricity	118,861
Residential natural gas	104,963
Non-residential natural gas	56,306
On-road transportation	231,134
Waste sector	23,909

MTCO₂e = metric tons of carbon dioxide equivalent

2019 emissions

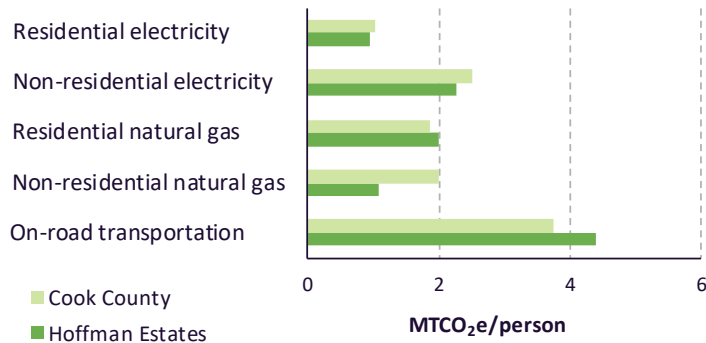


On-road transportation emissions breakout



Passenger	75%
Transit bus	< 1%
Commercial	25%

2019 per capita emissions



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	126,626,900
Non-residential electricity (kWh)	305,528,053
Residential natural gas (MMBtu)	1,976,165
Non-residential natural gas (MMBtu)	1,060,088

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	1
SolSmart designation	Bronze

Data not available for all municipalities

2019 per capita energy consumption

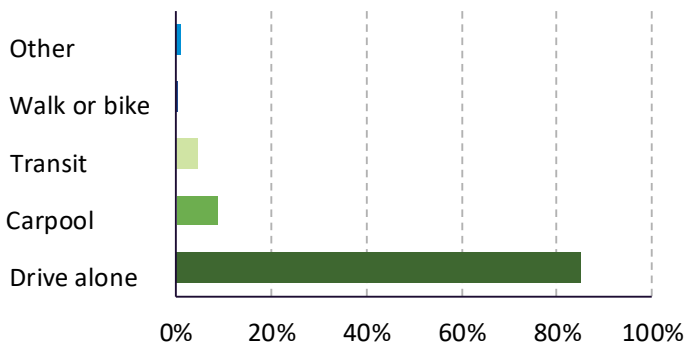
	Hoffman Estates	Cook County	CMAP Region
Residential electricity (kWh/person)	2,411	2,614	2,844
Non-residential electricity (kWh/person)	5,816	6,417	7,279
Residential natural gas (MMBtu/person)	38	35	38
Non-residential natural gas (MMBtu/person)	20	38	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	121
Public charging stations: level 2	3
Public charging stations: DC fast	0
Public charging stations: total	3

Transportation details

	Hoffman Estates	Cook County	CMAP Region
Vehicles per household	2.1	1.7	2.0
Electric vehicles (% of passenger vehicles)	0.2%	0.2%	0.2%
Share of residents with at least moderate walkability	51%	85%	64%
Share of residents with at least moderate transit access	49%	92%	74%
Residential vehicle miles traveled (per household)	21,663	14,123	17,165

Data are not available for all municipalities