

Thornton

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	2,386
Jobs (full- and part-time)	1,120
Median household income	\$65,081
Share of owner-occupied housing units	75%
Land area (acres)	1,537
Tree coverage*	19%
Impervious surfaces*	29%
Greenest region compact member	Yes

*percent of land area

Emissions summary

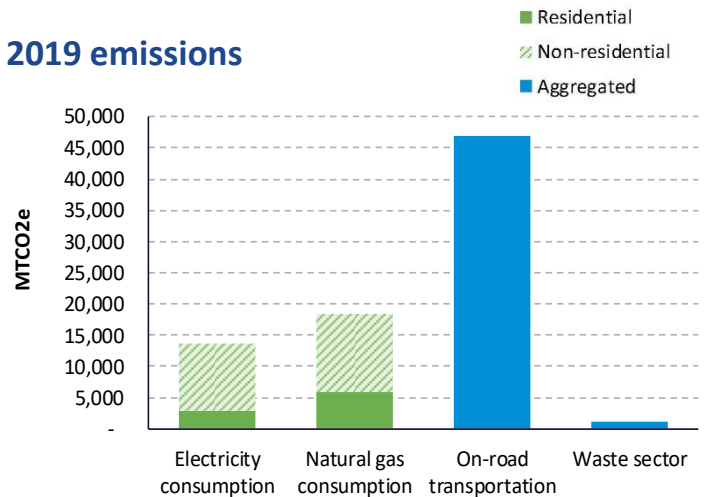


2019 emissions summary (MTCO₂e)

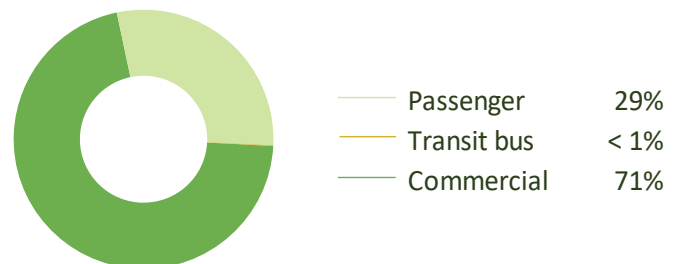
Residential electricity	2,955
Non-residential electricity	10,659
Residential natural gas	5,850
Non-residential natural gas	12,655
On-road transportation	46,823
Waste sector	1,086

MTCO₂e = metric tons of carbon dioxide equivalent

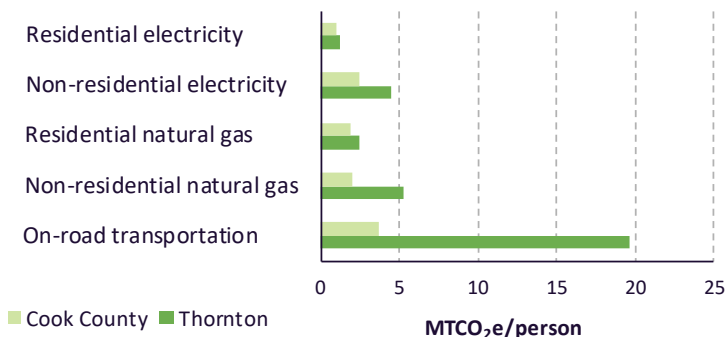
2019 emissions



On-road transportation emissions breakout



2019 per capita emissions



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	7,594,919
Non-residential electricity (kWh)	27,397,407
Residential natural gas (MMBtu)	110,135
Non-residential natural gas (MMBtu)	238,256

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	12
SolSmart designation	NA

Data not available for all municipalities

2019 per capita energy consumption

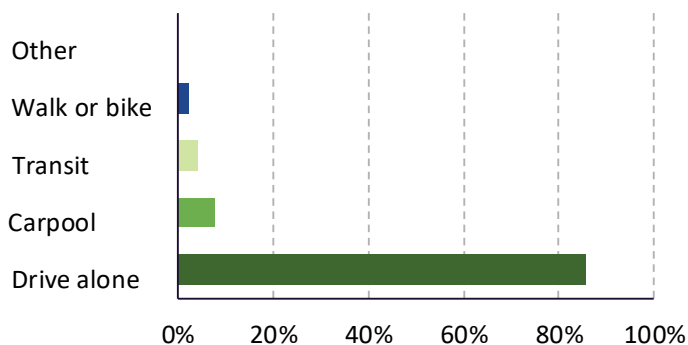
	Thornton	Cook County	CMAP Region
Residential electricity (kWh/person)	3,183	2,614	2,844
Non-residential electricity (kWh/person)	11,483	6,417	7,279
Residential natural gas (MMBtu/person)	46	35	38
Non-residential natural gas (MMBtu/person)	100	38	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

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

Transportation details

	Thornton	Cook County	CMAP Region
Vehicles per household	1.7	1.7	2.0
Electric vehicles (% of passenger vehicles)	0.3%	0.2%	0.2%
Share of residents with at least moderate walkability	0%	85%	64%
Share of residents with at least moderate transit access	69%	92%	74%
Residential vehicle miles traveled (per household)	19,571	14,123	17,165

Data are not available for all municipalities