

Cook County

2019 county 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	5,275,541
Jobs (full- and part-time)	2,666,271
Median household income	\$64,660
Share of owner-occupied housing units	57%
Land area (acres)	612,997
Tree coverage*	31%
Impervious surfaces*	47%
Greenest region compact member	No

*percent of land area

Emissions summary

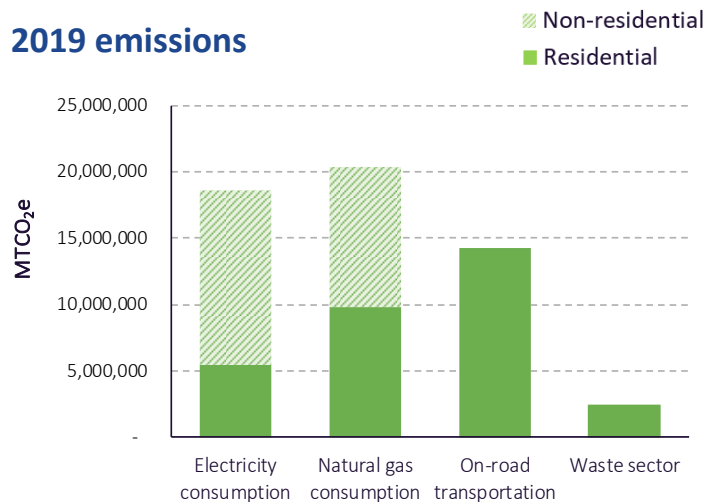


2019 emissions summary (MTCO₂e)

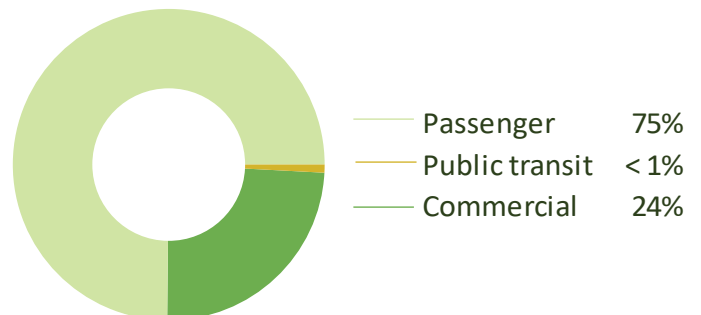
Residential electricity	5,406,529
Non-residential electricity	13,192,546
Residential natural gas	9,766,824
Non-residential natural gas	10,610,588
On-road transportation	14,224,293
Waste sector	2,401,118

MTCO₂e = metric tons of carbon dioxide equivalent

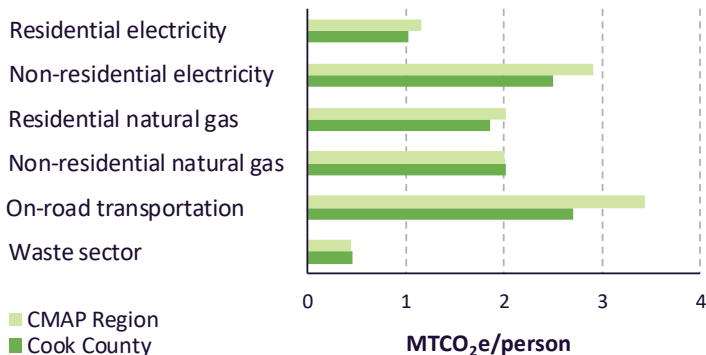
2019 emissions



On-road transportation emissions breakout



2019 per capita emissions



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	13,787,809,835
Non-residential electricity (kWh)	33,855,552,128
Residential natural gas (MMBtu)	183,882,435
Non-residential natural gas (MMBtu)	199,768,203

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	16,384
SolSmart designation	Bronze

Data not available for all municipalities

2019 per capita energy consumption

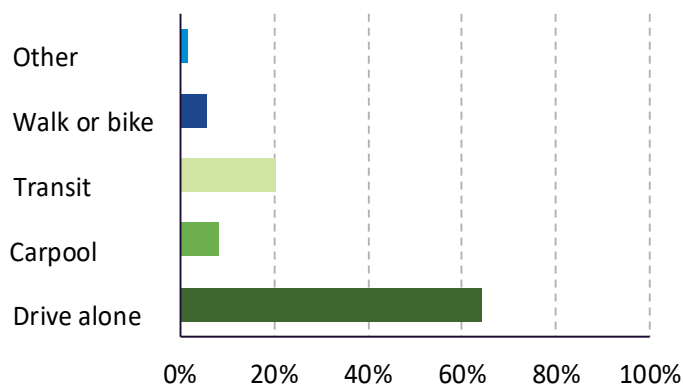
	Cook County	CMAP Region
Residential electricity (kWh/person)	2,614	2,844
Non-residential electricity (kWh/person)	6,417	7,279
Residential natural gas (MMBtu/person)	35	38
Non-residential natural gas (MMBtu/person)	38	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	8,103
Charging stations: level 2	445
Charging stations: DC fast	153
Charging stations: total	598

Transportation details

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

Data are not available for all municipalities