

Chicago

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	2,746,388
Jobs (full- and part-time)	1,313,527
Median household income	\$58,247
Share of owner-occupied housing units	45%
Land area (acres)	147,959
Tree coverage*	20%
Impervious surfaces*	67%
Greenest region compact member	Yes

*percent of land area

Emissions summary

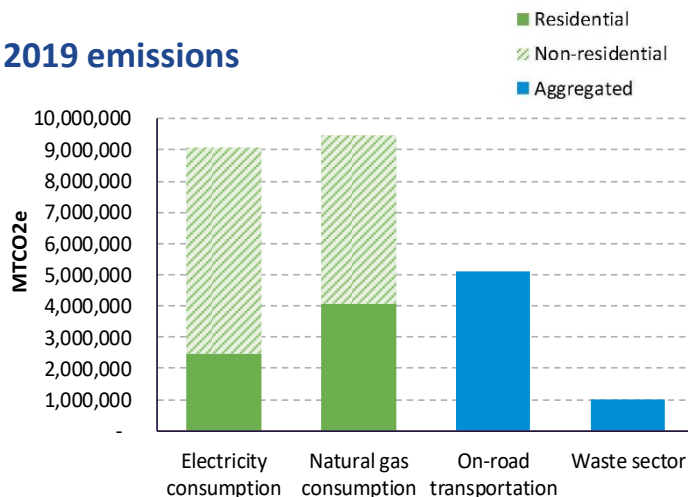


2019 emissions summary (MTCO₂e)

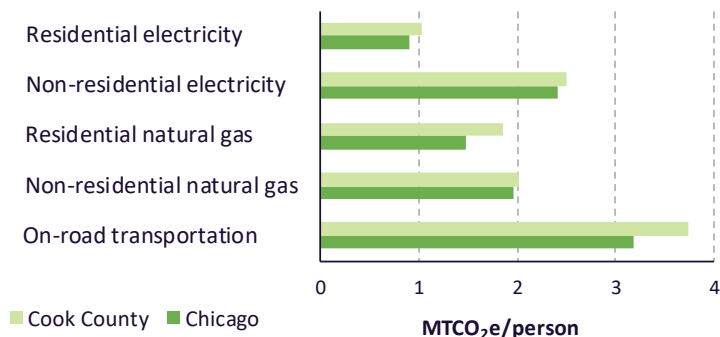
Residential electricity	2,484,845
Non-residential electricity	6,605,209
Residential natural gas	4,068,847
Non-residential natural gas	5,407,500
On-road transportation	5,106,406
Waste sector	1,009,527

MTCO₂e = metric tons of carbon dioxide equivalent

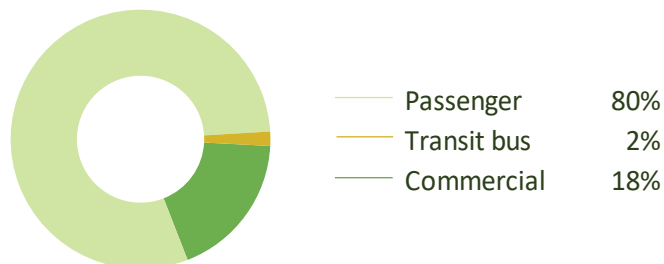
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	6,387,225,484
Non-residential electricity (kWh)	16,978,510,158
Residential natural gas (MMBtu)	76,605,193
Non-residential natural gas (MMBtu)	101,808,355

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	5,809
SolSmart designation	Gold

Data not available for all municipalities

2019 per capita energy consumption

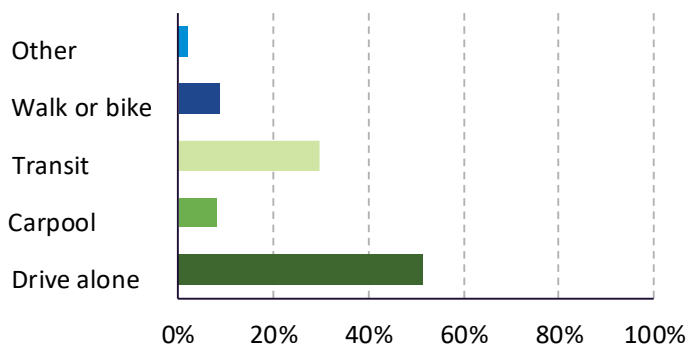
	Chicago	Cook County	CMAP Region
Residential electricity (kWh/person)	2,326	2,614	2,844
Non-residential electricity (kWh/person)	6,182	6,417	7,279
Residential natural gas (MMBtu/person)	28	35	38
Non-residential natural gas (MMBtu/person)	37	38	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	3,107
Public charging stations: level 2	237
Public charging stations: DC fast	53
Public charging stations: total	290

Transportation details

	Chicago	Cook County	CMAP Region
Vehicles per household	1.1	1.7	2.0
Electric vehicles (% of passenger vehicles)	0.2%	0.2%	0.2%
Share of residents with at least moderate walkability	98%	85%	64%
Share of residents with at least moderate transit access	100%	92%	74%
Residential vehicle miles traveled (per household)	10,908	14,123	17,165

Data are not available for all municipalities