

Round Lake

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	18,721
Jobs (full- and part-time)	1,794
Median household income	\$82,521
Share of owner-occupied housing units	78%
Land area (acres)	3,634
Tree coverage*	22%
Impervious surfaces*	33%
Greenest region compact member	No

*percent of land area

Emissions summary

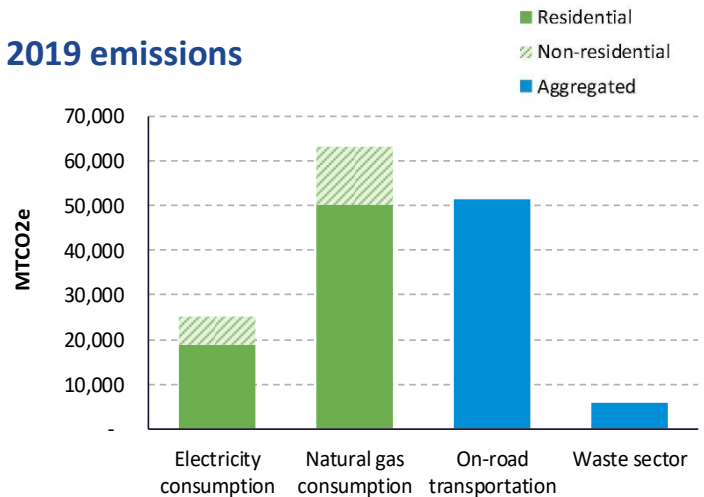


2019 emissions summary (MTCO₂e)

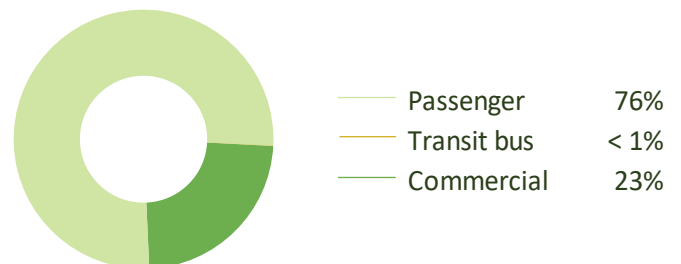
Residential electricity	18,661
Non-residential electricity	6,563
Residential natural gas	50,231
Non-residential natural gas	12,979
On-road transportation	51,623
Waste sector	5,710

MTCO₂e = metric tons of carbon dioxide equivalent

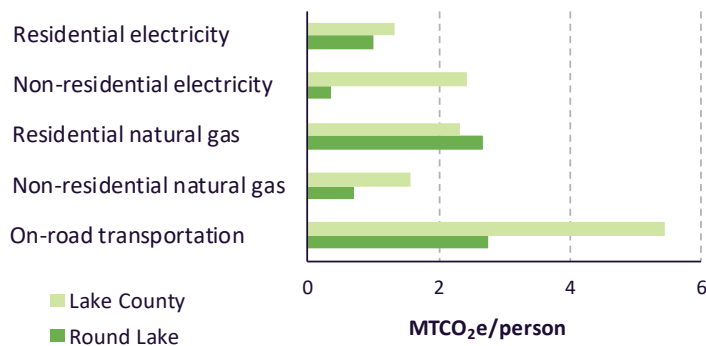
2019 emissions



On-road transportation emissions breakout



2019 per capita emissions



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	47,967,835
Non-residential electricity (kWh)	16,869,849
Residential natural gas (MMBtu)	945,711
Non-residential natural gas (MMBtu)	244,350

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	47
SolSmart designation	NA

Data not available for all municipalities

2019 per capita energy consumption

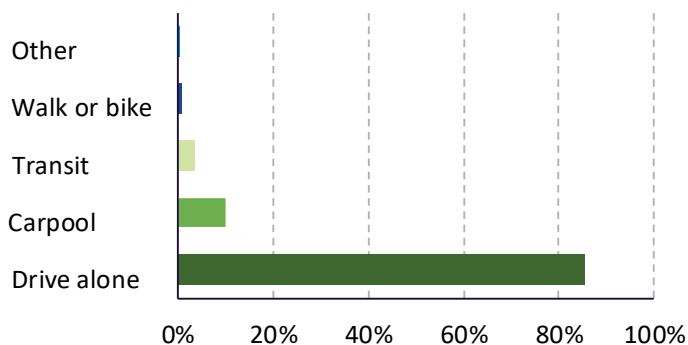
	Round Lake	Lake County	CMAP Region
Residential electricity (kWh/person)	2,562	3,387	2,844
Non-residential electricity (kWh/person)	901	6,258	7,279
Residential natural gas (MMBtu/person)	51	44	38
Non-residential natural gas (MMBtu/person)	13	29	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	14
Public charging stations: level 2	0
Public charging stations: DC fast	0
Public charging stations: total	0

Transportation details

	Round Lake	Lake County	CMAP Region
Vehicles per household	2.0	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.1%	0.4%	0.2%
Share of residents with at least moderate walkability	13%	33%	64%
Share of residents with at least moderate transit access	21%	48%	74%
Residential vehicle miles traveled (per household)	28,083	22,231	17,165

Data are not available for all municipalities