

Lake 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	714,342
Jobs (full- and part-time)	334,367
Median household income	\$89,427
Share of owner-occupied housing units	73%
Land area (acres)	301,189
Tree coverage*	33%
Impervious surfaces*	22%
Greenest region compact member	Yes

*percent of land area

Emissions summary

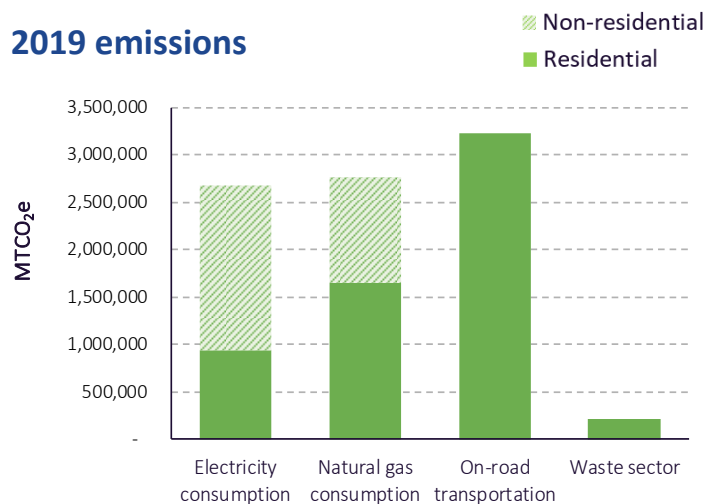


2019 emissions summary (MTCO₂e)

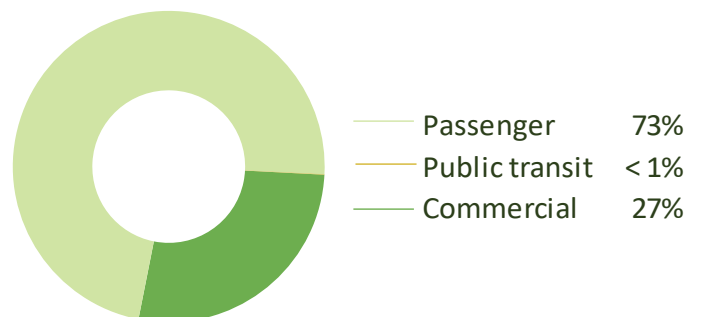
Residential electricity	941,352
Non-residential electricity	1,739,020
Residential natural gas	1,652,380
Non-residential natural gas	1,119,038
On-road transportation	3,229,026
Waste sector	217,867

MTCO₂e = metric tons of carbon dioxide equivalent

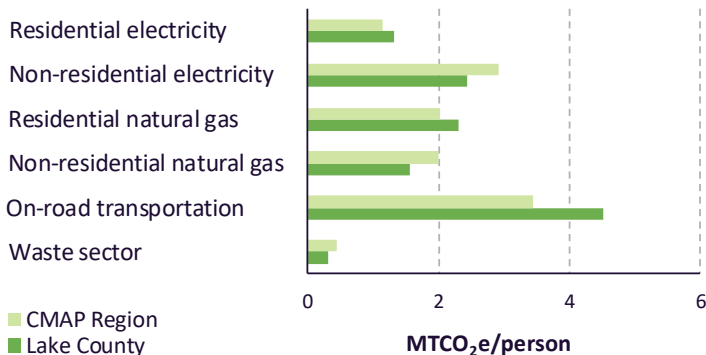
2019 emissions



On-road transportation emissions breakout



2019 per capita emissions



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	2,419,718,980
Non-residential electricity (kWh)	4,470,102,832
Residential natural gas (MMBtu)	31,109,763
Non-residential natural gas (MMBtu)	21,068,418

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	2,917
SolSmart designation	Gold

Data not available for all municipalities

2019 per capita energy consumption

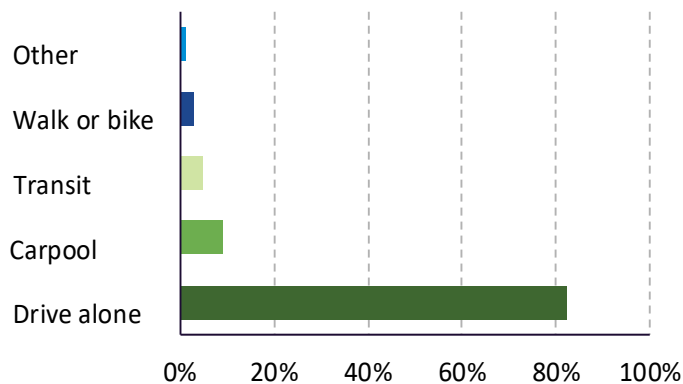
	Lake County	CMAP Region
Residential electricity (kWh/person)	3,387	2,844
Non-residential electricity (kWh/person)	6,258	7,279
Residential natural gas (MMBtu/person)	44	38
Non-residential natural gas (MMBtu/person)	29	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	2,627
Charging stations: level 2	47
Charging stations: DC fast	0
Charging stations: total	47

Transportation details

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

Data are not available for all municipalities