

Waukegan

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	89,321
Jobs (full- and part-time)	30,218
Median household income	\$49,803
Share of owner-occupied housing units	46%
Land area (acres)	15,529
Tree coverage*	28%
Impervious surfaces*	39%
Greenest region compact member	Yes

*percent of land area

Emissions summary

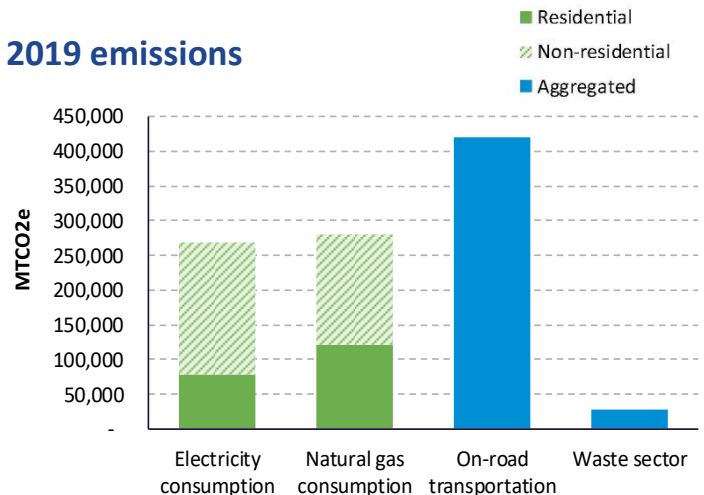


2019 emissions summary (MTCO₂e)

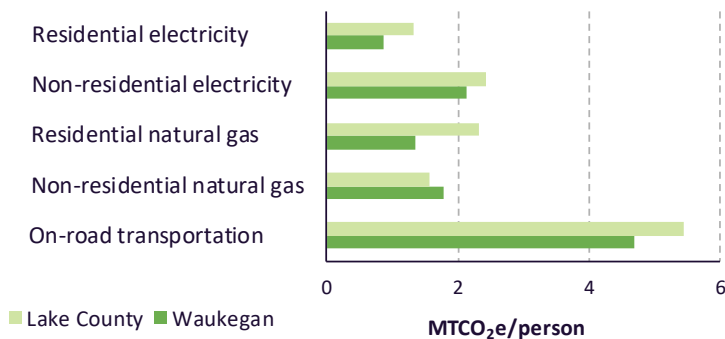
Residential electricity	78,494
Non-residential electricity	190,416
Residential natural gas	121,640
Non-residential natural gas	158,250
On-road transportation	420,081
Waste sector	27,242

MTCO₂e = metric tons of carbon dioxide equivalent

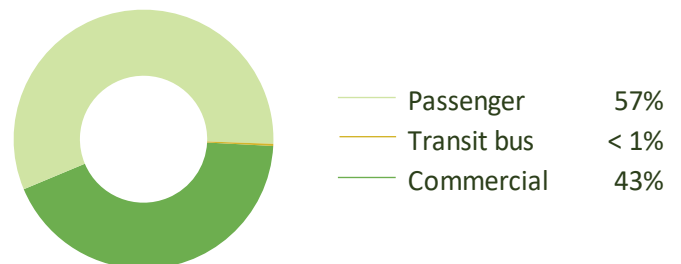
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	201,766,571
Non-residential electricity (kWh)	489,458,626
Residential natural gas (MMBtu)	2,290,155
Non-residential natural gas (MMBtu)	2,979,407

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	381
SolSmart designation	Gold

Data not available for all municipalities

2019 per capita energy consumption

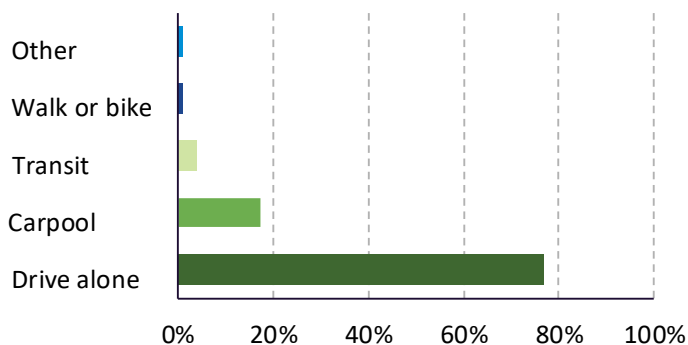
	Waukegan	Lake County	CMAP Region
Residential electricity (kWh/person)	2,259	3,387	2,844
Non-residential electricity (kWh/person)	5,480	6,258	7,279
Residential natural gas (MMBtu/person)	26	44	38
Non-residential natural gas (MMBtu/person)	33	29	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	53
Public charging stations: level 2	12
Public charging stations: DC fast	0
Public charging stations: total	12

Transportation details

	Waukegan	Lake County	CMAP Region
Vehicles per household	1.9	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.1%	0.4%	0.2%
Share of residents with at least moderate walkability	69%	33%	64%
Share of residents with at least moderate transit access	89%	48%	74%
Residential vehicle miles traveled (per household)	18,900	22,231	17,165

Data are not available for all municipalities