

Libertyville

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	20,579
Jobs (full- and part-time)	16,837
Median household income	\$134,110
Share of owner-occupied housing units	80%
Land area (acres)	5,853
Tree coverage*	35%
Impervious surfaces*	37%
Greenest region compact member	Yes

*percent of land area

Emissions summary

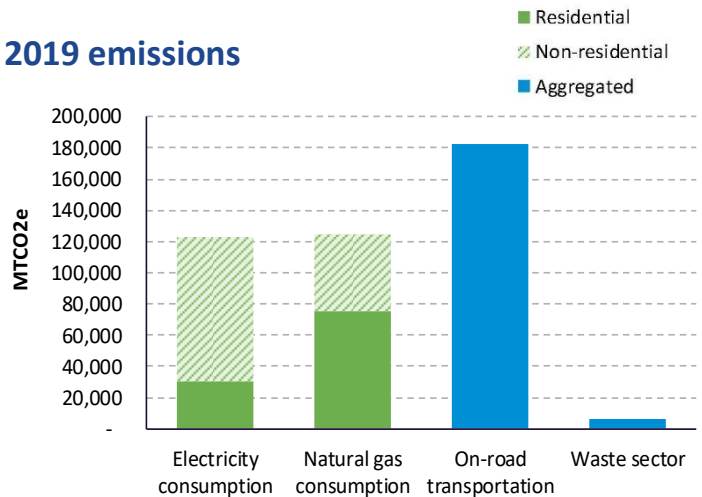


2019 emissions summary (MTCO₂e)

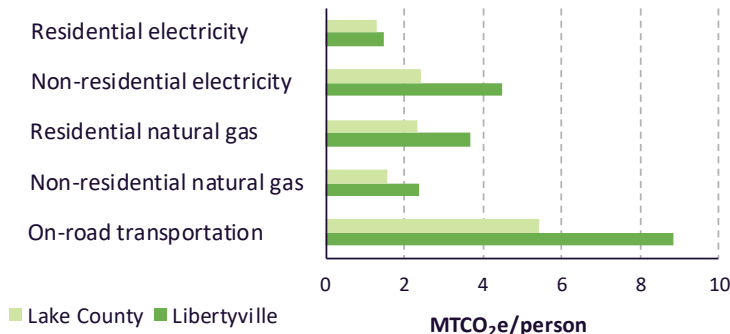
Residential electricity	30,112
Non-residential electricity	92,652
Residential natural gas	75,597
Non-residential natural gas	48,984
On-road transportation	182,228
Waste sector	6,276

MTCO₂e = metric tons of carbon dioxide equivalent

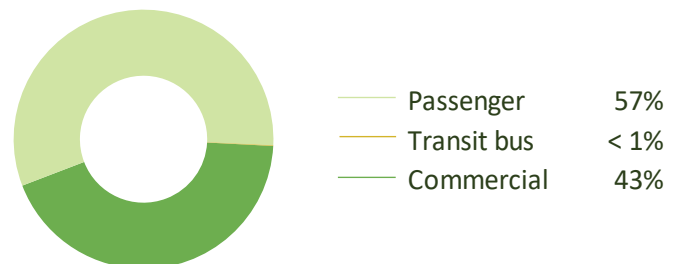
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	77,402,005
Non-residential electricity (kWh)	238,158,431
Residential natural gas (MMBtu)	1,423,293
Non-residential natural gas (MMBtu)	922,231

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	166
SolSmart designation	Bronze

Data not available for all municipalities

2019 per capita energy consumption

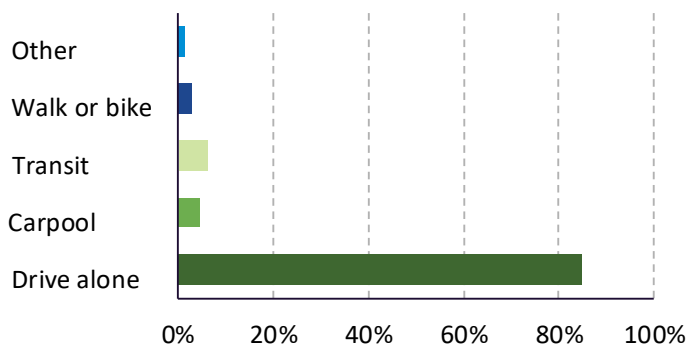
	Libertyville	Lake County	CMAP Region
Residential electricity (kWh/person)	3,761	3,387	2,844
Non-residential electricity (kWh/person)	11,573	6,258	7,279
Residential natural gas (MMBtu/person)	69	44	38
Non-residential natural gas (MMBtu/person)	45	29	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	103
Public charging stations: level 2	3
Public charging stations: DC fast	0
Public charging stations: total	3

Transportation details

	Libertyville	Lake County	CMAP Region
Vehicles per household	2.3	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.4%	0.4%	0.2%
Share of residents with at least moderate walkability	35%	33%	64%
Share of residents with at least moderate transit access	65%	48%	74%
Residential vehicle miles traveled (per household)	20,783	22,231	17,165

Data are not available for all municipalities