

McHenry 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	310,229
Jobs (full- and part-time)	93,794
Median household income	\$86,799
Share of owner-occupied housing units	79%
Land area (acres)	391,048
Tree coverage*	19%
Impervious surfaces*	8%
Greenest region compact member	Yes

*percent of land area

Emissions summary

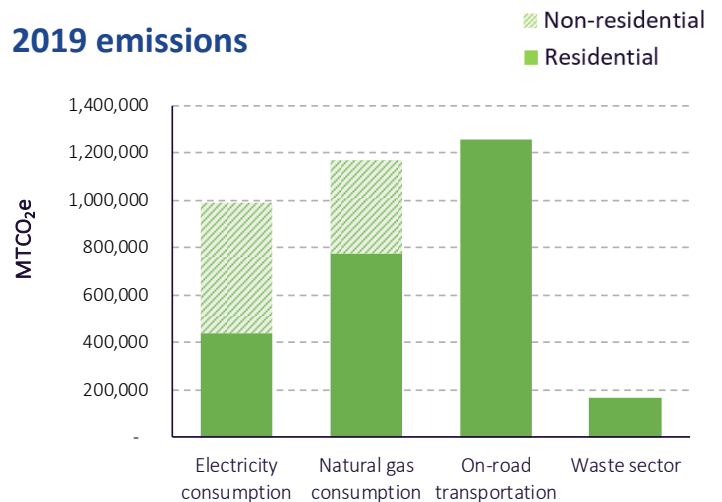


2019 emissions summary (MTCO₂e)

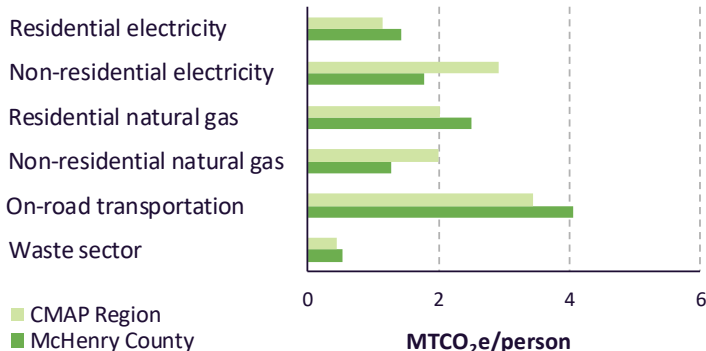
Residential electricity	440,156
Non-residential electricity	552,163
Residential natural gas	773,392
Non-residential natural gas	397,466
On-road transportation	1,257,096
Waste sector	164,167

MTCO₂e = metric tons of carbon dioxide equivalent

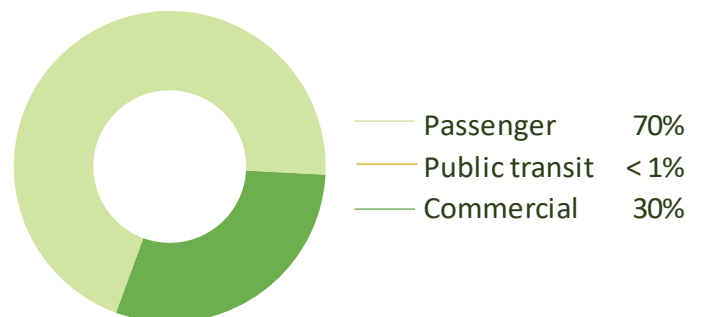
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	1,131,409,601
Non-residential electricity (kWh)	1,419,320,293
Residential natural gas (MMBtu)	14,560,852
Non-residential natural gas (MMBtu)	7,483,188

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	565
SolSmart designation	NA

Data not available for all municipalities

2019 per capita energy consumption

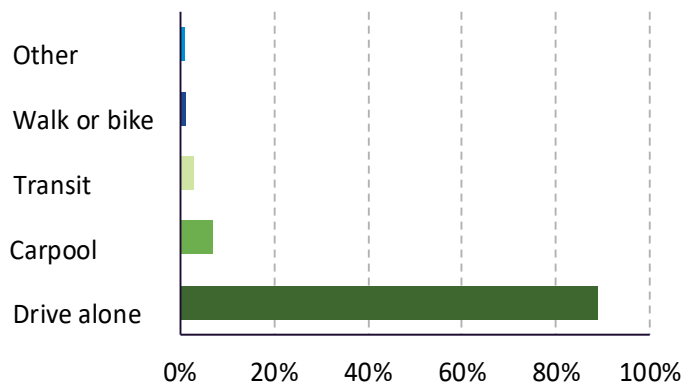
	McHenry County	CMAP Region
Residential electricity (kWh/person)	3,647	2,844
Non-residential electricity (kWh/person)	4,575	7,279
Residential natural gas (MMBtu/person)	47	38
Non-residential natural gas (MMBtu/person)	24	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	417
Charging stations: level 2	9
Charging stations: DC fast	0
Charging stations: total	9

Transportation details

	McHenry County	CMAP Region
Vehicles per household	2.8	2.0
Electric vehicles (% of passenger vehicles)	0.1%	0.2%
Share of residents with at least moderate walkability	16%	64%
Share of residents with at least moderate transit access	17%	74%
Residential vehicle miles traveled (per household)	23,593	17,165

Data are not available for all municipalities