

Channahon

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	13,383
Jobs (full- and part-time)	2,840
Median household income	\$91,897
Share of owner-occupied housing units	89%
Land area (acres)	5,420
Tree coverage*	23%
Impervious surfaces*	19%
Greenest region compact member	No

*percent of land area

Emissions summary

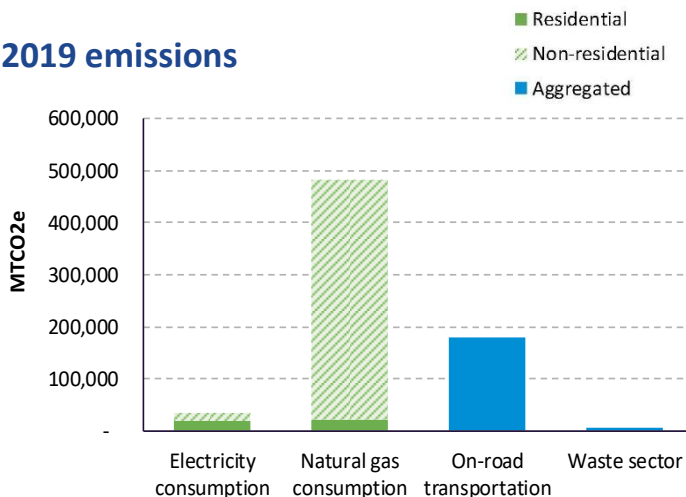


2019 emissions summary (MTCO₂e)

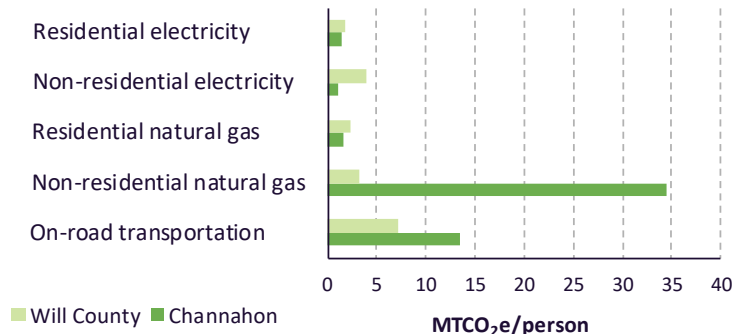
Residential electricity	18,369
Non-residential electricity	14,987
Residential natural gas	22,271
Non-residential natural gas	461,173
On-road transportation	179,935
Waste sector	6,963

MTCO₂e = metric tons of carbon dioxide equivalent

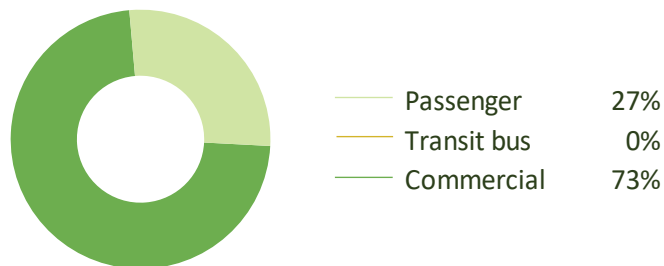
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	47,217,409
Non-residential electricity (kWh)	38,524,734
Residential natural gas (MMBtu)	419,309
Non-residential natural gas (MMBtu)	8,682,628

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	12
SolSmart designation	NA

Data not available for all municipalities

2019 per capita energy consumption

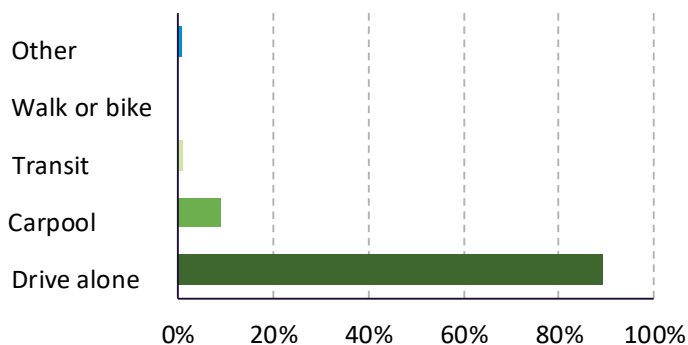
	Channahon	Will County	CMAP Region
Residential electricity (kWh/person)	3,528	3,819	2,844
Non-residential electricity (kWh/person)	2,879	8,842	7,279
Residential natural gas (MMBtu/person)	31	43	38
Non-residential natural gas (MMBtu/person)	649	61	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

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

Transportation details

	Channahon	Will County	CMAP Region
Vehicles per household	1.8	2.7	2.0
Electric vehicles (% of passenger vehicles)	0.1%	0.2%	0.2%
Share of residents with at least moderate walkability	0%	16%	64%
Share of residents with at least moderate transit access	0%	32%	74%
Residential vehicle miles traveled (per household)	NA	24,988	17,165

Data are not available for all municipalities