

Kane 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	516,522
Jobs (full- and part-time)	218,068
Median household income	\$79,394
Share of owner-occupied housing units	74%
Land area (acres)	335,401
Tree coverage*	16%
Impervious surfaces*	15%
Greenest region compact member	Yes

*percent of land area

Emissions summary

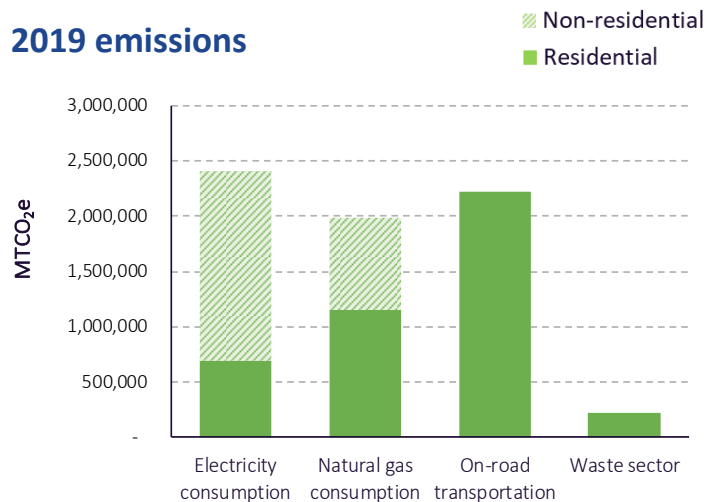


2019 emissions summary (MTCO₂e)

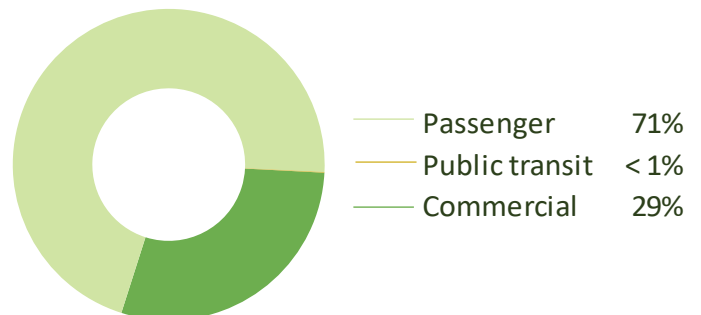
Residential electricity	692,331
Non-residential electricity	1,713,798
Residential natural gas	1,152,882
Non-residential natural gas	837,034
On-road transportation	2,222,807
Waste sector	224,522

MTCO₂e = metric tons of carbon dioxide equivalent

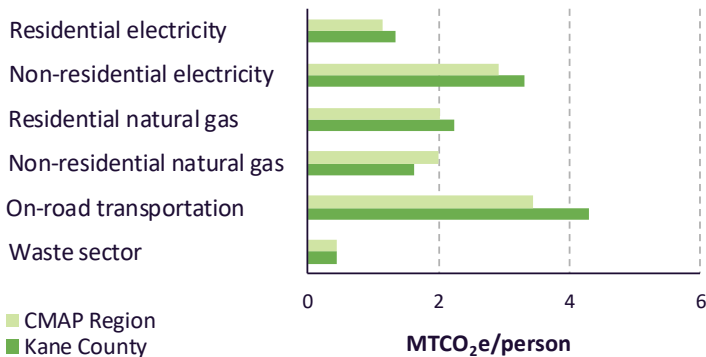
2019 emissions



On-road transportation emissions breakout



2019 per capita emissions



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	1,618,849,865
Non-residential electricity (kWh)	3,868,331,236
Residential natural gas (MMBtu)	21,705,601
Non-residential natural gas (MMBtu)	15,759,046

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	1,966
SolSmart designation	Bronze

Data not available for all municipalities

2019 per capita energy consumption

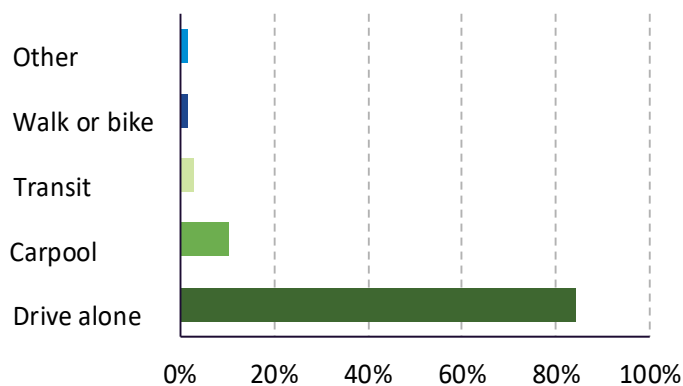
	Kane County	CMAP Region
Residential electricity (kWh/person)	3,134	2,844
Non-residential electricity (kWh/person)	7,489	7,279
Residential natural gas (MMBtu/person)	42	38
Non-residential natural gas (MMBtu/person)	31	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	739
Charging stations: level 2	60
Charging stations: DC fast	10
Charging stations: total	70

Transportation details

	Kane County	CMAP Region
Vehicles per household	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.2%	0.2%
Share of residents with at least moderate walkability	38%	64%
Share of residents with at least moderate transit access	52%	74%
Residential vehicle miles traveled (per household)	22,219	17,165

Data are not available for all municipalities