

Evanston

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	78,110
Jobs (full- and part-time)	45,530
Median household income	\$78,904
Share of owner-occupied housing units	56%
Land area (acres)	4,993
Tree coverage*	40%
Impervious surfaces*	50%
Greenest region compact member	Yes

*percent of land area

Emissions summary

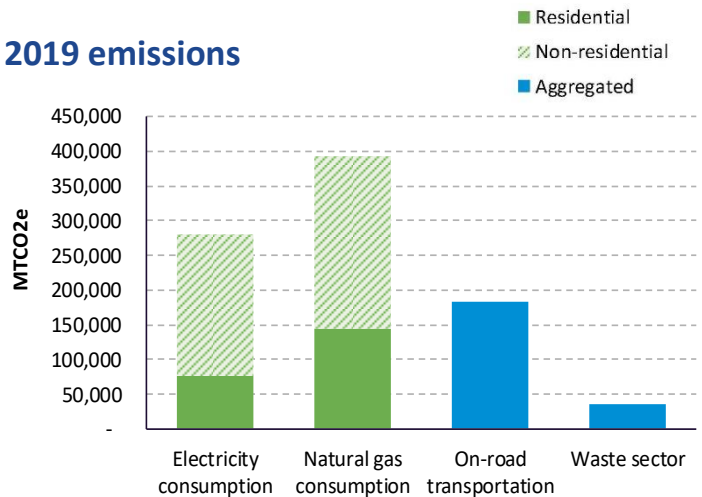


2019 emissions summary (MTCO₂e)

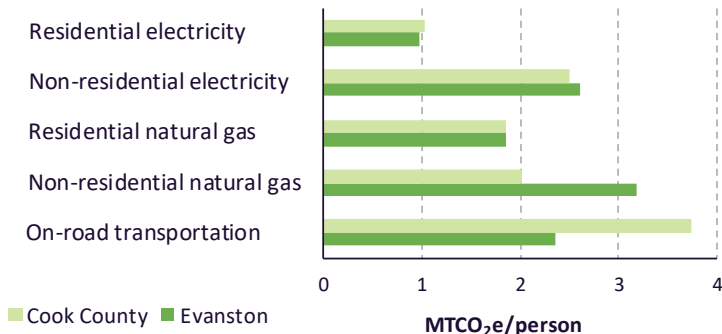
Residential electricity	75,828
Non-residential electricity	204,098
Residential natural gas	145,065
Non-residential natural gas	248,446
On-road transportation	183,679
Waste sector	35,551

MTCO₂e = metric tons of carbon dioxide equivalent

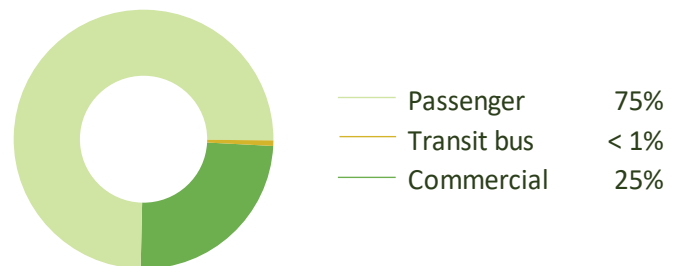
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	194,914,122
Non-residential electricity (kWh)	524,627,812
Residential natural gas (MMBtu)	2,731,182
Non-residential natural gas (MMBtu)	4,677,552

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	168
SolSmart designation	Gold

Data not available for all municipalities

2019 per capita energy consumption

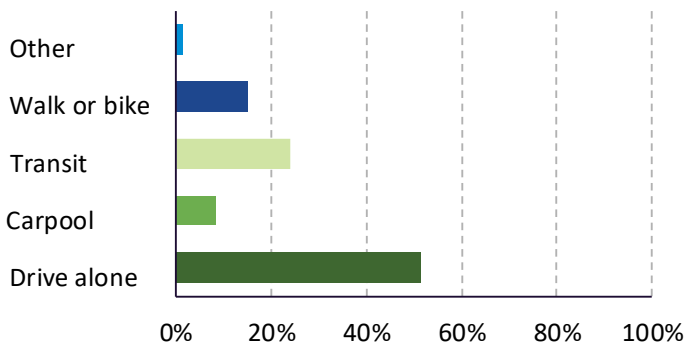
	Evanston	Cook County	CMAP Region
Residential electricity (kWh/person)	2,495	2,614	2,844
Non-residential electricity (kWh/person)	6,717	6,417	7,279
Residential natural gas (MMBtu/person)	35	35	38
Non-residential natural gas (MMBtu/person)	60	38	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	333
Public charging stations: level 2	23
Public charging stations: DC fast	1
Public charging stations: total	24

Transportation details

	Evanston	Cook County	CMAP Region
Vehicles per household	1.3	1.7	2.0
Electric vehicles (% of passenger vehicles)	0.6%	0.2%	0.2%
Share of residents with at least moderate walkability	99%	85%	64%
Share of residents with at least moderate transit access	99%	92%	74%
Residential vehicle miles traveled (per household)	11,454	14,123	17,165

Data are not available for all municipalities