

Aurora

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	180,542
Jobs (full- and part-time)	61,854
Median household income	\$71,749
Share of owner-occupied housing units	64%
Land area (acres)	29,293
Tree coverage*	20%
Impervious surfaces*	44%
Greenest region compact member	Yes

*percent of land area

Emissions summary

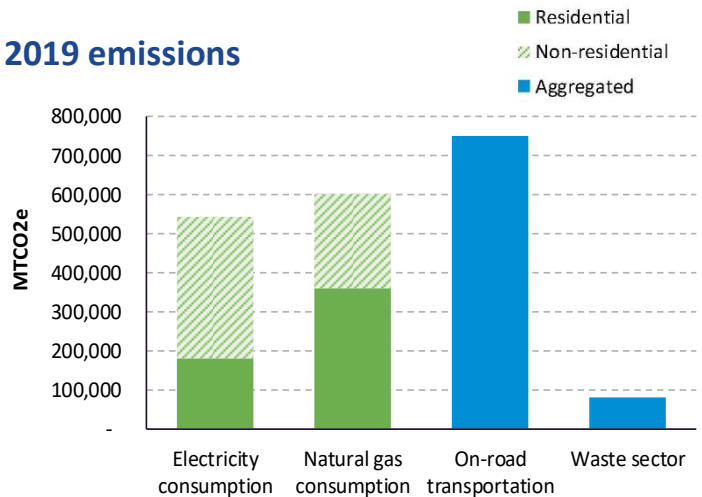


2019 emissions summary (MTCO₂e)

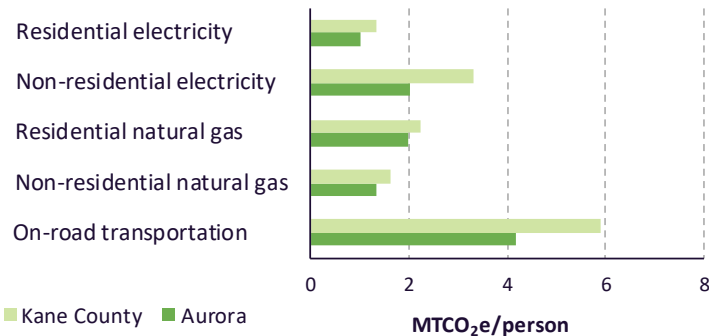
Residential electricity	181,794
Non-residential electricity	362,095
Residential natural gas	360,071
Non-residential natural gas	241,790
On-road transportation	752,026
Waste sector	78,478

MTCO₂e = metric tons of carbon dioxide equivalent

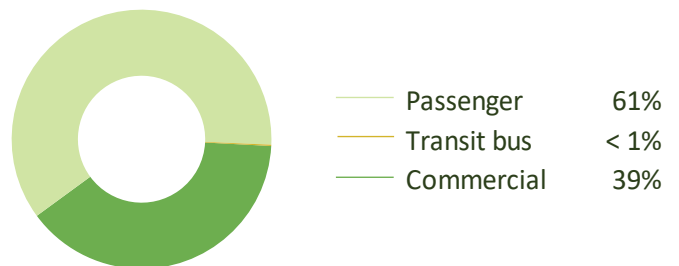
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	467,296,087
Non-residential electricity (kWh)	930,754,323
Residential natural gas (MMBtu)	6,779,145
Non-residential natural gas (MMBtu)	4,552,244

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	798
SolSmart designation	Gold

Data not available for all municipalities

2019 per capita energy consumption

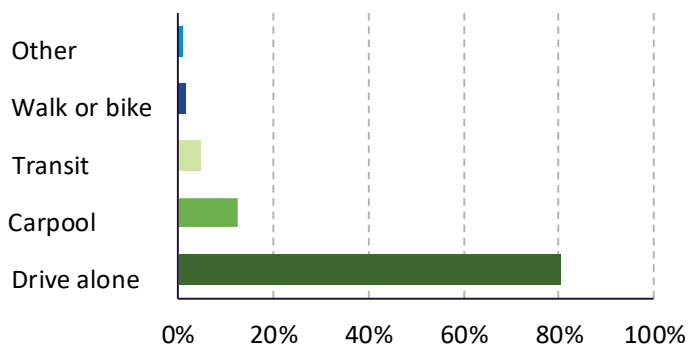
	Aurora	Kane County	CMAP Region
Residential electricity (kWh/person)	2,588	3,134	2,844
Non-residential electricity (kWh/person)	5,155	7,489	7,279
Residential natural gas (MMBtu/person)	38	42	38
Non-residential natural gas (MMBtu/person)	25	31	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	266
Public charging stations: level 2	22
Public charging stations: DC fast	0
Public charging stations: total	22

Transportation details

	Aurora	Kane County	CMAP Region
Vehicles per household	2.0	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.2%	0.2%	0.2%
Share of residents with at least moderate walkability	50%	38%	64%
Share of residents with at least moderate transit access	75%	52%	74%
Residential vehicle miles traveled (per household)	21,168	22,219	17,165

Data are not available for all municipalities