

Geneva

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	21,393
Jobs (full- and part-time)	14,609
Median household income	\$111,916
Share of owner-occupied housing units	83%
Land area (acres)	6,399
Tree coverage*	25%
Impervious surfaces*	35%
Greenest region compact member	Yes

*percent of land area

Emissions summary

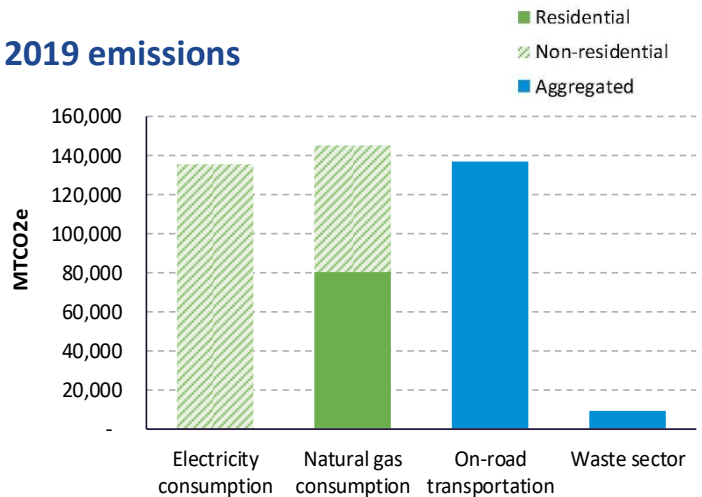


2019 emissions summary (MTCO₂e)

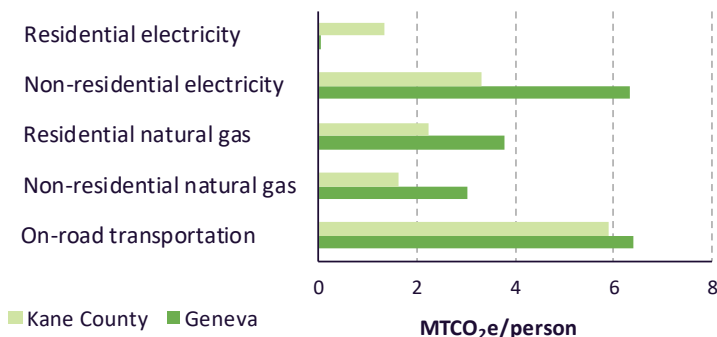
Residential electricity	255
Non-residential electricity	135,065
Residential natural gas	80,557
Non-residential natural gas	65,070
On-road transportation	137,084
Waste sector	9,299

MTCO₂e = metric tons of carbon dioxide equivalent

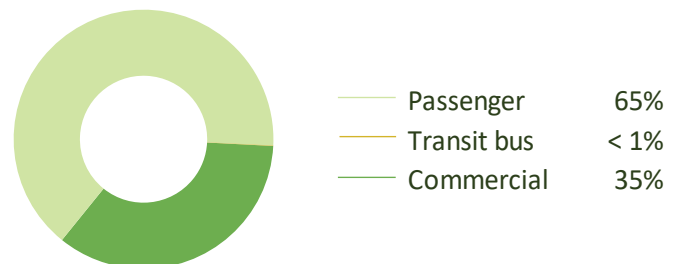
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	656,706
Non-residential electricity (kWh)	347,179,890
Residential natural gas (MMBtu)	1,516,672
Non-residential natural gas (MMBtu)	1,225,095

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	133
SolSmart designation	NA

Data not available for all municipalities

2019 per capita energy consumption

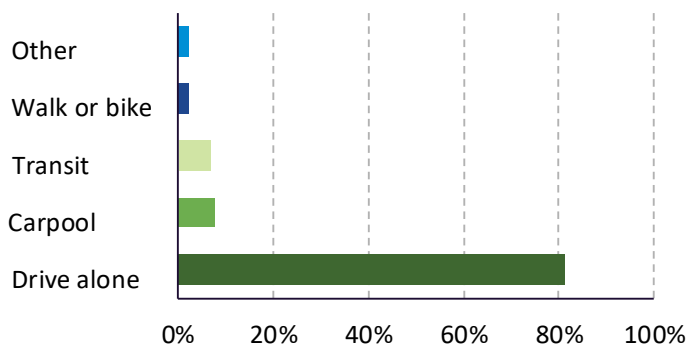
	Geneva	Kane County	CMAP Region
Residential electricity (kWh/person)	31	3,134	2,844
Non-residential electricity (kWh/person)	16,229	7,489	7,279
Residential natural gas (MMBtu/person)	71	42	38
Non-residential natural gas (MMBtu/person)	57	31	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	60
Public charging stations: level 2	16
Public charging stations: DC fast	0
Public charging stations: total	16

Transportation details

	Geneva	Kane County	CMAP Region
Vehicles per household	2.0	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.3%	0.2%	0.2%
Share of residents with at least moderate walkability	49%	38%	64%
Share of residents with at least moderate transit access	61%	52%	74%
Residential vehicle miles traveled (per household)	21,303	22,219	17,165

Data are not available for all municipalities