

South Elgin

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	23,865
Jobs (full- and part-time)	6,527
Median household income	\$99,451
Share of owner-occupied housing units	82%
Land area (acres)	4,596
Tree coverage*	19%
Impervious surfaces*	40%
Greenest region compact member	No

*percent of land area

Emissions summary

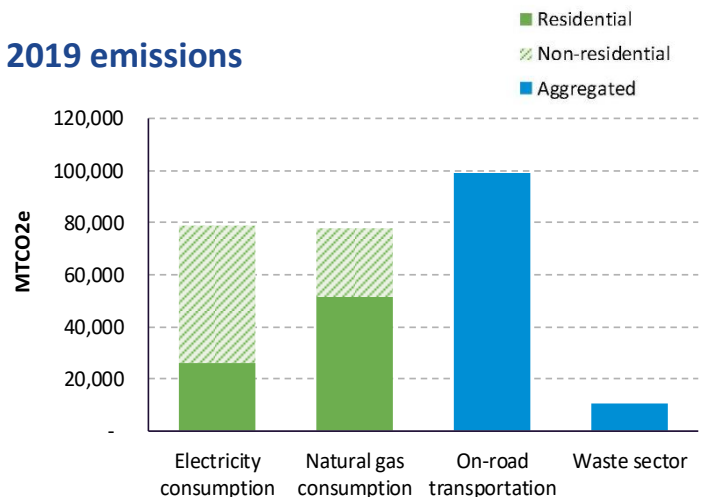


2019 emissions summary (MTCO₂e)

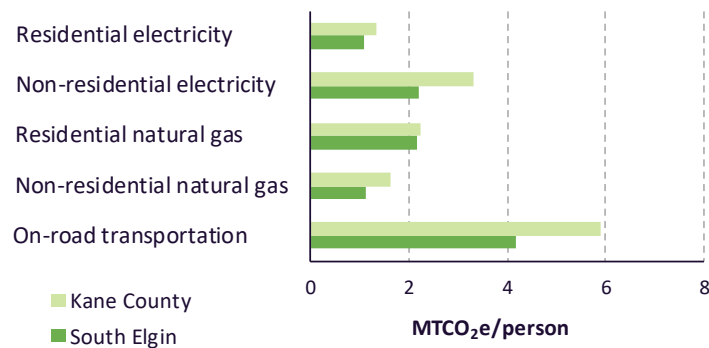
Residential electricity	26,116
Non-residential electricity	52,614
Residential natural gas	51,359
Non-residential natural gas	26,766
On-road transportation	99,363
Waste sector	10,374

MTCO₂e = metric tons of carbon dioxide equivalent

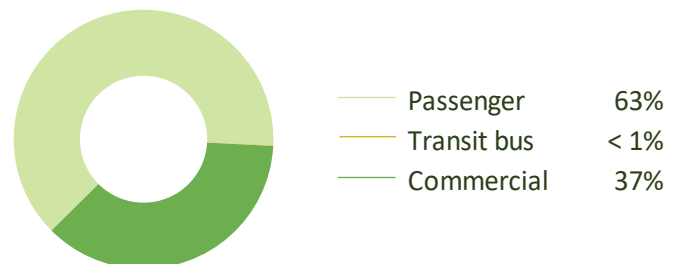
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	67,129,254
Non-residential electricity (kWh)	135,242,098
Residential natural gas (MMBtu)	966,947
Non-residential natural gas (MMBtu)	503,930

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	105
SolSmart designation	NA

Data not available for all municipalities

2019 per capita energy consumption

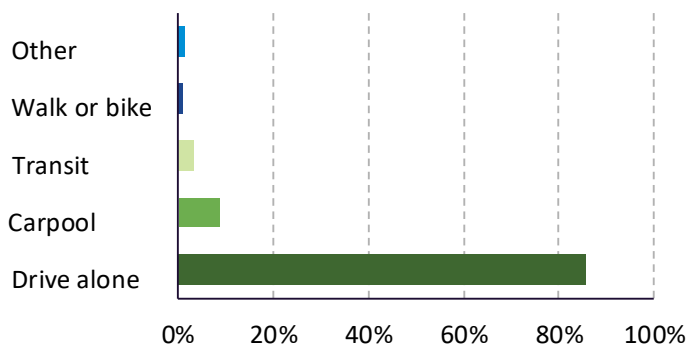
	South Elgin	Kane County	CMAP Region
Residential electricity (kWh/person)	2,813	3,134	2,844
Non-residential electricity (kWh/person)	5,667	7,489	7,279
Residential natural gas (MMBtu/person)	41	42	38
Non-residential natural gas (MMBtu/person)	21	31	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	32
Public charging stations: level 2	0
Public charging stations: DC fast	0
Public charging stations: total	0

Transportation details

	South Elgin	Kane County	CMAP Region
Vehicles per household	2.1	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.1%	0.2%	0.2%
Share of residents with at least moderate walkability	33%	38%	64%
Share of residents with at least moderate transit access	56%	52%	74%
Residential vehicle miles traveled (per household)	24,477	22,219	17,165

Data are not available for all municipalities