

Richmond

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	2,089
Jobs (full- and part-time)	1,496
Median household income	\$49,205
Share of owner-occupied housing units	50%
Land area (acres)	2,706
Tree coverage*	21%
Impervious surfaces*	11%
Greenest region compact member	No

*percent of land area

Emissions summary

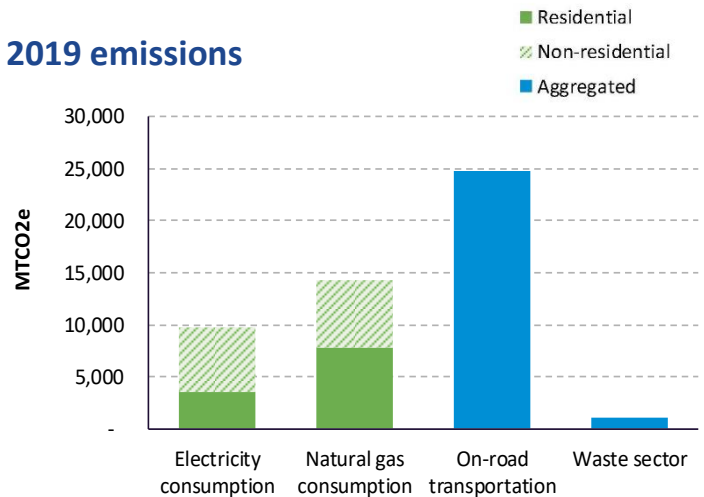


2019 emissions summary (MTCO₂e)

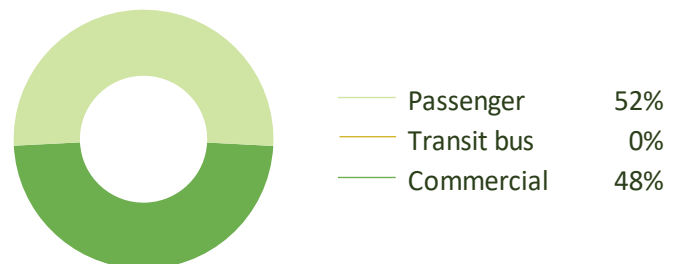
Residential electricity	3,460
Non-residential electricity	6,289
Residential natural gas	7,753
Non-residential natural gas	6,570
On-road transportation	24,819
Waste sector	1,105

MTCO₂e = metric tons of carbon dioxide equivalent

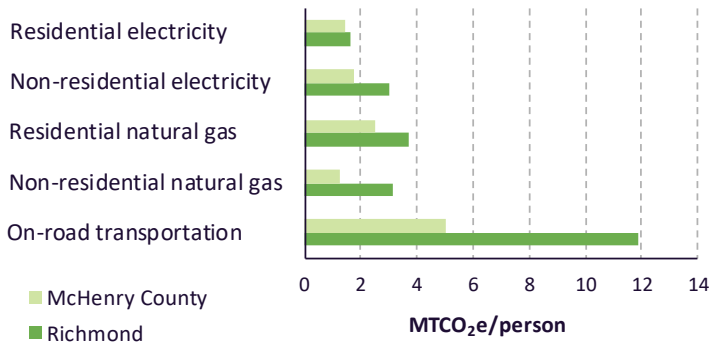
2019 emissions



On-road transportation emissions breakout



2019 per capita emissions



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	8,893,790
Non-residential electricity (kWh)	16,166,278
Residential natural gas (MMBtu)	145,963
Non-residential natural gas (MMBtu)	123,687

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	NA
SolSmart designation	NA

Data not available for all municipalities

2019 per capita energy consumption

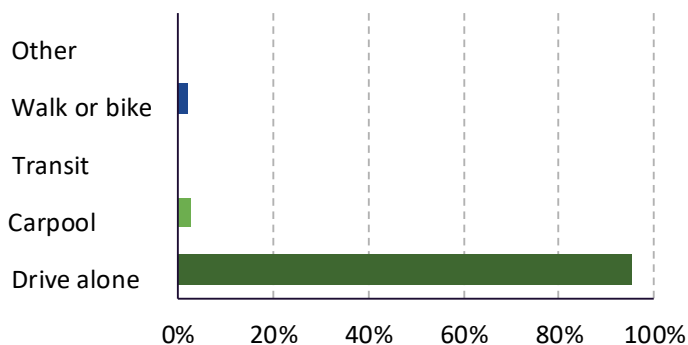
	Richmond	McHenry County	CMAP Region
Residential electricity (kWh/person)	4,257	3,647	2,844
Non-residential electricity (kWh/person)	7,739	4,575	7,279
Residential natural gas (MMBtu/person)	70	47	38
Non-residential natural gas (MMBtu/person)	59	24	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	4
Public charging stations: level 2	0
Public charging stations: DC fast	0
Public charging stations: total	0

Transportation details

	Richmond	McHenry County	CMAP Region
Vehicles per household	1.6	2.8	2.0
Electric vehicles (% of passenger vehicles)	0.2%	0.1%	0.2%
Share of residents with at least moderate walkability	0%	16%	64%
Share of residents with at least moderate transit access	0%	17%	74%
Residential vehicle miles traveled (per household)	NA	23,593	17,165

Data are not available for all municipalities