

Plano

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	11,847
Jobs (full- and part-time)	2,577
Median household income	\$73,233
Share of owner-occupied housing units	74%
Land area (acres)	5,793
Tree coverage*	12%
Impervious surfaces*	19%
Greenest region compact member	No

*percent of land area

Emissions summary

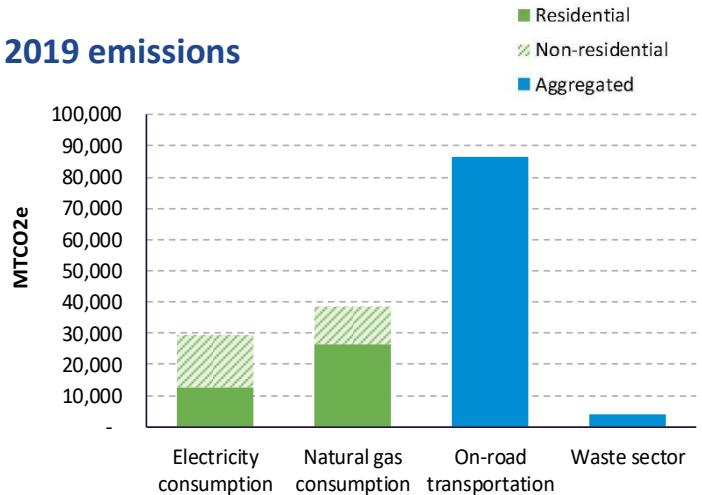


2019 emissions summary (MTCO₂e)

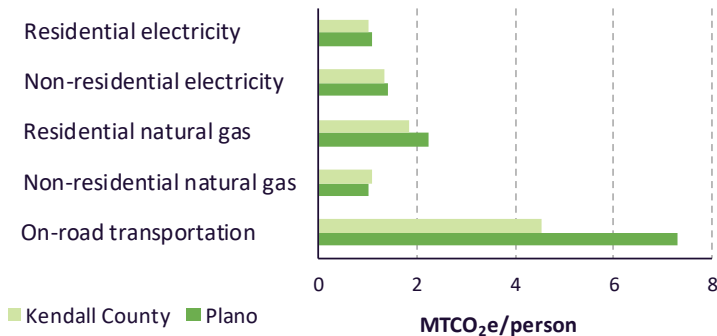
Residential electricity	12,644
Non-residential electricity	16,796
Residential natural gas	26,545
Non-residential natural gas	12,201
On-road transportation	86,452
Waste sector	3,787

MTCO₂e = metric tons of carbon dioxide equivalent

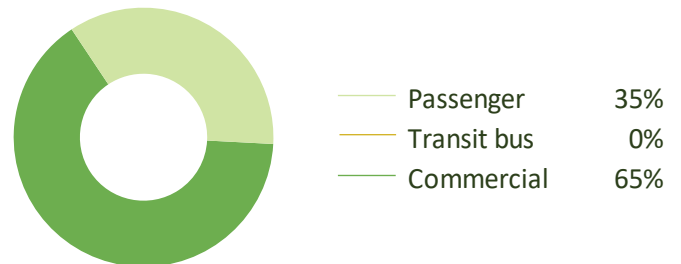
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	32,500,985
Non-residential electricity (kWh)	43,174,147
Residential natural gas (MMBtu)	499,772
Non-residential natural gas (MMBtu)	229,711

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

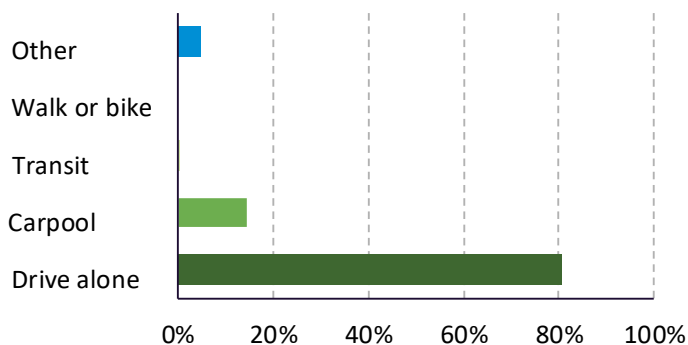
	Plano	Kendall County	CMAP Region
Residential electricity (kWh/person)	2,743	2,633	2,844
Non-residential electricity (kWh/person)	3,644	3,431	7,279
Residential natural gas (MMBtu/person)	42	35	38
Non-residential natural gas (MMBtu/person)	19	21	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	10
Public charging stations: level 2	0
Public charging stations: DC fast	0
Public charging stations: total	0

Transportation details

	Plano	Kendall County	CMAP Region
Vehicles per household	2.1	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.1%	0.1%	0.2%
Share of residents with at least moderate walkability	0%	1%	64%
Share of residents with at least moderate transit access	0%	0%	74%
Residential vehicle miles traveled (per household)	NA	26,137	17,165

Data are not available for all municipalities