

# Deerfield

## 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	19,196
Jobs (full- and part-time)	16,719
Median household income	\$153,431
Share of owner-occupied housing units	83%
Land area (acres)	3,574
Tree coverage*	37%
Impervious surfaces*	44%
Greenest region compact member	Yes

\*percent of land area

## Emissions summary

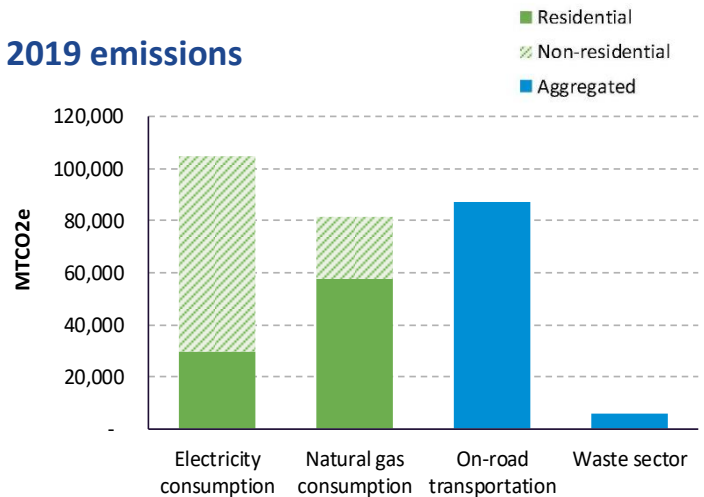


### 2019 emissions summary (MTCO<sub>2</sub>e)

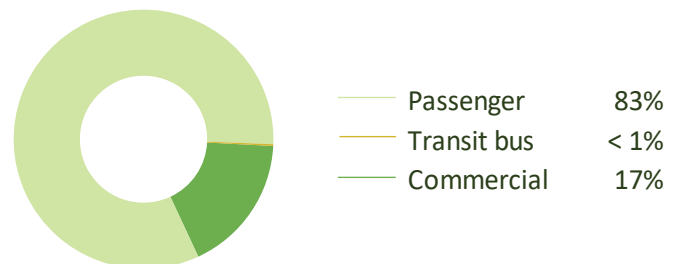
Residential electricity	29,543
Non-residential electricity	75,310
Residential natural gas	57,625
Non-residential natural gas	23,766
On-road transportation	87,135
Waste sector	5,855

MTCO<sub>2</sub>e = metric tons of carbon dioxide equivalent

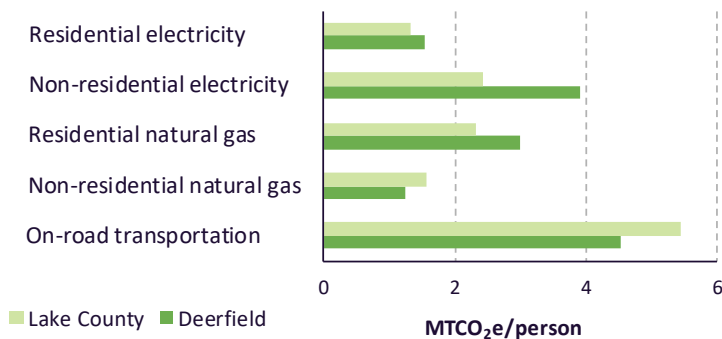
### 2019 emissions



### On-road transportation emissions breakout



### 2019 per capita emissions



## Energy characteristics



### 2019 energy consumption

Residential electricity (kWh)	75,940,429
Non-residential electricity (kWh)	193,581,684
Residential natural gas (MMBtu)	1,084,914
Non-residential natural gas (MMBtu)	447,446

kWh = kilowatt hours; MMBtu = million British thermal unit

### Renewable energy information

Solar potential (megawatts)	93
SolSmart designation	NA

Data not available for all municipalities

### 2019 per capita energy consumption

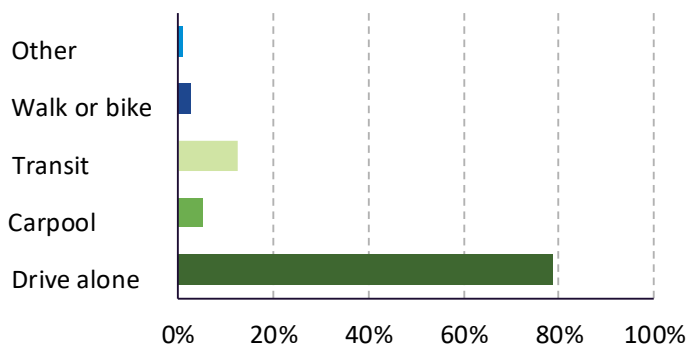
	Deerfield	Lake County	CMAP Region
Residential electricity (kWh/person)	3,956	3,387	2,844
Non-residential electricity (kWh/person)	10,084	6,258	7,279
Residential natural gas (MMBtu/person)	57	44	38
Non-residential natural gas (MMBtu/person)	23	29	38

kWh = kilowatt hours; MMBtu = million British thermal unit

## Transportation characteristics



### Mode of travel to work



### Electric vehicle information

Electric vehicles	166
Public charging stations: level 2	0
Public charging stations: DC fast	0
Public charging stations: total	0

### Transportation details

	Deerfield	Lake County	CMAP Region
Vehicles per household	2.3	2.6	2.0
Electric vehicles (% of passenger vehicles)	0.7%	0.4%	0.2%
Share of residents with at least moderate walkability	57%	33%	64%
Share of residents with at least moderate transit access	87%	48%	74%
Residential vehicle miles traveled (per household)	20,006	22,231	17,165

Data are not available for all municipalities