

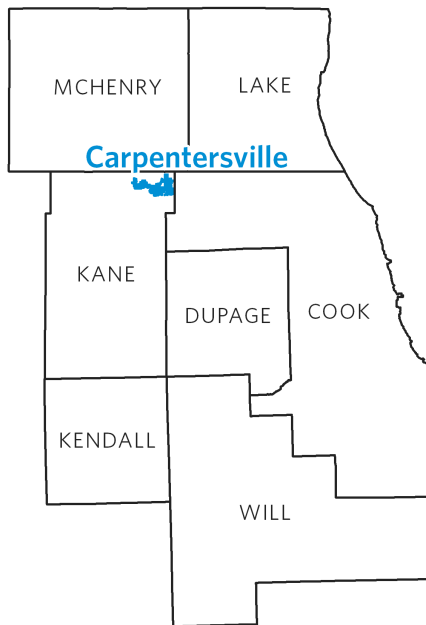


# Carpentersville

Community Data Snapshot

Municipality Series

July 2022 Release



## About the Community Data Snapshots

The Community Data Snapshots is a series of data profiles for every county, municipality, and Chicago Community Area (CCA) within the [Chicago Metropolitan Agency for Planning \(CMAP\)](#) seven-county northeastern Illinois region. The snapshots primarily feature data from the American Community Survey (ACS) five-year estimates, although other data sources include the U.S. Census Bureau, Illinois Environmental Protection Agency (IEPA), Illinois Department of Employment Security (IDES), Illinois Department of Revenue (IDR), HERE Technologies, and CMAP itself.

CMAP publishes updated Community Data Snapshots annually to reflect the most recent data available. The latest version can always be found at [cmap.illinois.gov/data/community-snapshots](http://cmap.illinois.gov/data/community-snapshots). The underlying data can be downloaded from the [CMAP Data Hub](#). Please direct any inquiries to [info@cmap.illinois.gov](mailto:info@cmap.illinois.gov).

To improve the Community Data Snapshots in the future, CMAP wants to hear from you! **Please take a quick survey** to describe how you use this data and what you would like to see in next year's snapshots.

## User Notes

### Definitions

For data derived from the ACS, the Community Data Snapshots uses terminology based on the [ACS subject definitions](#).

### Margins of Error

The ACS is a sample-based data product. Exercise caution when using data from low-population communities, as the margins of error are often large compared to the estimates. For more details, please refer to the [ACS sample size and data quality methodology](#).

### Regional Values

Regional values are estimated by aggregating ACS data for the seven counties that compose the CMAP region. These counties are Cook, DuPage, Kane, Kendall, Lake, McHenry, and Will.

### Median Values

The Census Bureau encourages users to aggregate small levels of geographies into larger areas to estimate median values for those areas. Median values for the aggregated geographies (CCAs and the CMAP region) are estimated from the [grouped frequency distributions](#) reported in the ACS.

### Municipalities Located in Multiple Counties

County data is presented for the CMAP county containing the largest portion of the municipality's population, as of the 2020 decennial census.

### Municipalities That Extend Beyond the CMAP Region

Values derived from CMAP analyses are generally restricted to geographies that fall within the CMAP regional boundaries. Specifically, values in the General Land Use, Equalized Assessed Value, Park Access, Transit Availability, Walkability, Water Supply, and ON TO 2050 Indicators tables only represent the portion of each municipality that falls within the seven-county CMAP region. This snapshot is for Carpentersville, which does *not* extend beyond the CMAP region.

## Population and Households

The population and household tables include general demographic, social, and economic characteristics summarized for Carpentersville.

### General Population Characteristics, 2020

	Carpentersville	Kane County	CMAP Region
<b>Total Population</b>	37,983	516,522	8,577,735
<b>Total Households</b>	11,439	180,374	3,266,741
<b>Average Household Size</b>	3.3	2.8	2.6
<b>Percent Population Change, 2010-20</b>	0.8	0.2	1.7
<b>Percent Population Change, 2000-20</b>	24.2	27.8	5.3

Source: 2000, 2010 and 2020 Census.

### Race and Ethnicity, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>White (Non-Hispanic)</b>	11,852	31.5	301,506	56.7	4,276,699	50.6
<b>Hispanic or Latino (of Any Race)</b>	19,177	51.0	169,901	32.0	1,952,731	23.1
<b>Black (Non-Hispanic)</b>	2,773	7.4	27,625	5.2	1,391,837	16.5
<b>Asian (Non-Hispanic)</b>	3,178	8.4	20,878	3.9	620,988	7.3
<b>Other/Multiple Races (Non-Hispanic)</b>	638	1.7	11,846	2.2	209,283	2.5

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Total population

### Age Cohorts, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Under 5</b>	2,797	7.4	33,569	6.3	508,895	6.0
<b>5 to 19</b>	10,058	26.7	116,068	21.8	1,624,354	19.2
<b>20 to 34</b>	7,062	18.8	97,478	18.3	1,781,246	21.1
<b>35 to 49</b>	8,031	21.3	108,358	20.4	1,688,609	20.0
<b>50 to 64</b>	6,197	16.5	103,397	19.4	1,625,883	19.2
<b>65 to 74</b>	2,326	6.2	44,048	8.3	713,897	8.4
<b>75 to 84</b>	929	2.5	20,805	3.9	348,205	4.1
<b>85 and Over</b>	218	0.6	8,033	1.5	160,449	1.9
<b>Median Age</b>	32.1		37.7		37.7	

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Total population

**Educational Attainment\*, 2016-2020**

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Less than High School Diploma	5,534	25.0	49,927	14.3	635,735	11.0
High School Diploma or Equivalent	6,160	27.8	79,551	22.8	1,291,465	22.4
Some College, No Degree	4,003	18.1	71,834	20.6	1,092,322	18.9
Associate's Degree	1,928	8.7	26,363	7.6	407,241	7.1
Bachelor's Degree	3,068	13.9	78,305	22.5	1,412,295	24.5
Graduate or Professional Degree	1,452	6.6	42,456	12.2	934,423	16.2

Source: 2016-2020 American Community Survey five-year estimates.  
 \*Highest degree or level of school completed by an individual.

Universe: Population 25 years and older

**Nativity, 2016-2020**

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Native	26,453	70.3	439,875	82.7	6,847,148	81.0
Foreign Born	11,165	29.7	91,881	17.3	1,604,390	19.0

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Total population

**Language Spoken at Home and Ability to Speak English, 2016-2020**

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
English Only	15,541	44.6	342,395	68.7	5,459,244	68.7
Spanish	15,575	44.7	127,973	25.7	1,449,991	18.3
Slavic Languages	844	2.4	5,429	1.1	278,826	3.5
Chinese	200	0.6	777	0.2	90,225	1.1
Tagalog	546	1.6	2,867	0.6	71,472	0.9
Arabic	6	0.0	1,816	0.4	62,859	0.8
Korean	96	0.3	623	0.1	35,656	0.4
Other Asian Languages	678	1.9	4,737	1.0	110,907	1.4
Other Indo-European Languages	1,217	3.5	10,516	2.1	326,948	4.1
Other/Unspecified Languages	118	0.3	1,054	0.2	56,515	0.7
<b>TOTAL NON-ENGLISH</b>	<b>19,280</b>	<b>55.4</b>	<b>155,792</b>	<b>31.3</b>	<b>2,483,399</b>	<b>31.3</b>
Speak English Less than "Very Well"*	7,617	21.9	57,285	11.5	925,362	11.7

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Population 5 years and older

\*For people who speak a language other than English at home, the ACS asks whether they speak English "very well," "well," "not well," or "not at all."

Household Size, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>1-Person Household</b>	1,984	18.0	39,680	21.8	921,119	29.2
<b>2-Person Household</b>	2,556	23.2	57,046	31.4	975,488	30.9
<b>3-Person Household</b>	1,599	14.5	29,117	16.0	490,784	15.6
<b>4-or-More-Person Household</b>	4,865	44.2	56,002	30.8	765,988	24.3

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Type, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Family</b>	8,336	75.8	133,017	73.1	2,029,180	64.3
Single Parent with Child	1,400	12.7	15,669	8.6	252,992	8.0
<b>Non-Family</b>	2,668	24.2	48,828	26.9	1,124,199	35.7

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Income, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Less than \$25,000</b>	1,301	11.8	21,316	11.7	506,150	16.1
<b>\$25,000 to \$49,999</b>	2,063	18.7	30,659	16.9	548,808	17.4
<b>\$50,000 to \$74,999</b>	2,210	20.1	29,645	16.3	495,919	15.7
<b>\$75,000 to \$99,999</b>	2,074	18.8	25,656	14.1	401,768	12.7
<b>\$100,000 to \$149,999</b>	1,958	17.8	36,902	20.3	556,161	17.6
<b>\$150,000 and Over</b>	1,398	12.7	37,667	20.7	644,573	20.4
<b>Median Income</b>	\$73,105		\$83,374		\$76,606	
<b>Per Capita Income*</b>	\$26,770		\$37,548		\$40,601	

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

\*Universe: Total population

Household Computer and Internet Access, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>One or More Computing Devices</b>	10,464	95.1	172,086	94.6	2,923,718	92.7
Smartphone(s) Only	789	7.2	12,308	6.8	226,403	7.2
<b>No Computing Devices</b>	540	4.9	9,759	5.4	229,661	7.3
<b>Internet Access</b>	10,098	91.8	165,742	91.1	2,832,841	89.8
Broadband Subscription	9,944	90.4	162,322	89.3	2,750,632	87.2
<b>No Internet Access</b>	906	8.2	16,103	8.9	320,538	10.2

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

Housing Occupancy and Tenure, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Occupied Housing Units</b>	11,004	96.8	181,845	96.1	3,153,379	92.2
Owner-Occupied*	8,071	73.3	135,623	74.6	2,024,218	64.2
Renter-Occupied*	2,933	26.7	46,222	25.4	1,129,161	35.8
<b>Vacant Housing Units</b>	365	3.2	7,456	3.9	266,837	7.8

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Housing units  
\*Universe: Occupied housing units

Housing Costs as a Percentage of Household Income\*, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Less than \$20,000</b>	859	8.0	14,189	7.9	329,533	10.7
Less than 20 Percent	0	0.0	509	0.3	8,809	0.3
20 to 29 Percent	54	0.5	889	0.5	23,934	0.8
30 Percent or More	805	7.5	12,791	7.1	296,790	9.7
<b>\$20,000 to \$49,999</b>	2,286	21.3	35,519	19.8	658,312	21.4
Less than 20 Percent	421	3.9	4,322	2.4	76,378	2.5
20 to 29 Percent	371	3.5	7,623	4.3	137,095	4.5
30 Percent or More	1,494	13.9	23,574	13.2	444,839	14.5
<b>\$50,000 to \$74,999</b>	2,199	20.5	29,485	16.5	490,893	16.0
Less than 20 Percent	694	6.5	9,085	5.1	150,576	4.9
20 to 29 Percent	857	8.0	10,385	5.8	174,242	5.7
30 Percent or More	648	6.0	10,015	5.6	166,075	5.4
<b>\$75,000 or More</b>	5,388	50.2	99,959	55.8	1,594,882	51.9
Less than 20 Percent	3,662	34.1	66,014	36.8	1,074,238	35.0
20 to 29 Percent	1,479	13.8	26,337	14.7	392,538	12.8
30 Percent or More	247	2.3	7,608	4.2	128,106	4.2

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

\*Excludes households with zero/negative income, and renting households paying no cash rent.

Housing & Transportation (H+T) Costs as a Percentage of Household Income\*, 2012-2016

	Median-Income Family**	Moderate-Income Family***
<b>Housing Costs</b>	28	36
<b>Transportation Costs</b>	23	25
<b>TOTAL H+T COSTS</b>	51	60

Source: U.S. Department of Housing and Urban Development, [Location Affordability Index](#) (2012-2016).

\*The purpose of the H+T Index is to isolate the effect of location on housing and transportation costs, and is reported for different household typologies. The values above represent the percent of household income that an average household of each type spends on housing and transportation. The standard threshold of affordability is 30% for housing costs alone, and 45% for housing and transportation costs combined.

\*\*"Median-income family" assumes a 4-person, 2-commuter household with income equal to the regional median.

\*\*\*"Moderate-income family" assumes a 3-person, 1-commuter household with income equal to 80% of the regional median.

## Housing Characteristics

The housing characteristics tables include housing unit estimates by housing type, size, and age summarized for Carpentersville.

### Housing Type, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Single Family, Detached	7,939	69.8	132,117	69.8	1,719,774	50.3
Single Family, Attached	1,960	17.2	21,567	11.4	253,603	7.4
2 Units	53	0.5	6,803	3.6	237,178	6.9
3 or 4 Units	187	1.6	6,733	3.6	268,464	7.8
5 to 9 Units	249	2.2	6,150	3.2	266,933	7.8
10 to 19 Units	751	6.6	4,909	2.6	150,679	4.4
20 or More Units	225	2.0	9,564	5.1	494,837	14.5
Mobile Home/Other*	5	0.0	1,458	0.8	28,748	0.8

Source: 2016-2020 American Community Survey five-year estimates.  
 \*"Other" includes boats, recreational vehicles (RVs), vans, etc.

Universe: Housing units

### Housing Size, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
0 or 1 Bedroom	459	4.0	15,304	8.1	550,686	16.1
2 Bedrooms	2,307	20.3	46,470	24.5	958,392	28.0
3 Bedrooms	5,698	50.1	65,842	34.8	1,138,223	33.3
4 Bedrooms	2,552	22.4	49,723	26.3	600,758	17.6
5 or More Bedrooms	353	3.1	11,962	6.3	172,157	5.0
Median Number of Rooms*	5.7		6.3		6.0	

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Housing units

\*Includes living rooms, dining rooms, kitchens, bedrooms, etc., that are separated by built-in, floor-to-ceiling walls.  
 Excludes bathrooms, porches, balconies, foyers, halls, and unfinished basements.

### Housing Age, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Built 2000 or Later	2,651	23.3	47,223	24.9	478,528	14.0
Built 1970 to 1999	3,996	35.1	74,897	39.6	1,175,262	34.4
Built 1940 to 1969	4,395	38.7	40,292	21.3	1,044,171	30.5
Built Before 1940	327	2.9	26,889	14.2	722,255	21.1
Median Year Built	1979		1982		1969	

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Housing units

## Transportation

The transportation tables include vehicle availability by household, mode of travel to work, annual vehicle miles traveled, and transit availability for Carpentersville.

### Vehicles Available per Household, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>No Vehicle Available</b>	485	4.4	7,895	4.3	399,153	12.7
<b>1 Vehicle Available</b>	2,536	23.0	46,939	25.8	1,116,123	35.4
<b>2 Vehicles Available</b>	4,714	42.8	77,503	42.6	1,103,633	35.0
<b>3 or More Vehicles Available</b>	3,269	29.7	49,508	27.2	534,470	16.9

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

### Mode of Travel to Work, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Work at Home*</b>	490	2.6	21,345	8.1	342,653	8.2
<b>Drive Alone</b>	15,163	82.0	203,324	76.9	2,785,976	66.7
<b>Carpool</b>	1,830	9.9	25,845	9.8	321,528	7.7
<b>Transit</b>	191	1.0	5,907	2.2	517,952	12.4
<b>Walk or Bike</b>	130	0.7	3,647	1.4	153,729	3.7
<b>Other</b>	690	3.7	4,177	1.6	57,069	1.4
<b>TOTAL COMMUTERS</b>	18,004	97.4	242,900	91.9	3,836,254	91.8
<b>Mean Commute Time (Minutes)</b>	31.3		29.2		32.2	

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Workers 16 years and older

\*Not included in total commuters or mean commute time.

### Annual Vehicle Miles Traveled per Household\*, 2017

	Carpentersville	Kane County	CMAP Region
<b>Average Vehicle Miles Traveled per Year</b>	22,836	22,219	17,165

Source: Chicago Metropolitan Agency for Planning analysis of 2017 Illinois Environmental Protection Agency, HERE Technologies, and U.S. Census Bureau data.

\*Data not available for all communities in the CMAP region.

### Transit Availability of Resident and Job Locations\*, 2017

	Carpentersville	Kane County	CMAP Region
<b>High Transit Availability</b>	0.0%	19.7%	53.9%
<b>Moderate Transit Availability</b>	58.7%	32.2%	20.6%
<b>Low Transit Availability</b>	41.3%	48.0%	25.5%

Source: Chicago Metropolitan Agency for Planning analysis of the 2017 [Transit Availability Index](#).

\*The CMAP Transit Availability Index is based on four factors: frequency of transit service, proximity to transit stops, activities reachable without a transfer, and pedestrian friendliness. This table reports the share of residents plus jobs whose home and workplace locations, respectively, are within each Transit Availability Index category.



## Employment

The employment tables include general workforce characteristics for Carpentersville.

### Employment Status, 2016-2020

	Carpentersville		Kane County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>In Labor Force</b>	20,282	73.9	284,919	69.0	4,546,688	67.3
Employed†*	19,000	93.7	270,509	94.9	4,254,806	93.6
Unemployed*	1,268	6.3	14,283	5.0	279,707	6.2
<b>Not in Labor Force</b>	7,173	26.1	128,118	31.0	2,205,767	32.7

Source: 2016-2020 American Community Survey five-year estimates.

Universe: Population 16 years and older

†Does not include employed population in the Armed Forces.

\*Universe: In labor force

### Private Sector Employment\*, 2021

	Carpentersville		Kane County		6-County Region**	
	Count	Percent	Count	Percent	Count	Percent
<b>Private Sector Employment</b>	4,795	N/A	164,770	N/A	3,343,257	N/A
<b>Job Change, 2011-21</b>	-318	-6.2	8,271	5.3	150,831	4.7
<b>Job Change, 2001-21</b>	913	23.5	-815	-0.5	-145,637	-4.2
<b>Private Sector Jobs per Household***</b>	0.44		0.91		1.06	

Source: Illinois Department of Employment Security, Where Workers Work report (2021).

\*Figures exclude employees not covered by unemployment insurance. Data not available for all communities in the CMAP region.

\*\*Data is not available for Kendall County.

\*\*\*Based on households from 2016-2020 American Community Survey five-year estimates.

### Employment of Carpentersville Residents\*, 2019

TOP INDUSTRY SECTORS	Count	Percent
1. Manufacturing	2,560	15.9
2. Retail Trade	1,766	11.0
3. Health Care	1,743	10.9
4. Administration	1,530	9.5
5. Accommodation and Food Service	1,384	8.6
TOP EMPLOYMENT LOCATIONS		
1. Elgin	1,706	10.6
2. Chicago	1,461	9.1
3. Carpentersville	1,029	6.4
4. Schaumburg	949	5.9
5. Hoffman Estates	385	2.4

### Employment in Carpentersville\*, 2019

TOP INDUSTRY SECTORS	Count	Percent
1. Education	2,486	33.8
2. Manufacturing	1,660	22.6
3. Retail Trade	892	12.1
4. Accommodation and Food Service	526	7.2
5. Other Service	338	4.6
TOP RESIDENCE LOCATIONS		
1. Carpentersville	1,029	14.0
2. Elgin	702	9.5
3. Algonquin	524	7.1
4. Lake in the Hills	359	4.9
5. Crystal Lake	268	3.6

Source: U.S. Census Bureau, Longitudinal Employer-Household Dynamics program (2019).

\*Excludes residents working outside of, and workers living outside of, the seven-county CMAP region.

## Land Use

The land use tables include general land use composition, park access, and walkability for Carpentersville.

### General Land Use, 2015

	Acres	Percent
Single-Family Residential	2,084.2	40.3
Multi-Family Residential	100.9	1.9
Commercial	272.1	5.3
Industrial	198.2	3.8
Institutional	232.2	4.5
Mixed Use	0.0	0.0
Transportation and Other	953.3	18.4
Agricultural	104.1	2.0
Open Space	838.5	16.2
Vacant	394.5	7.6
<b>TOTAL</b>	<b>5,178.0</b>	<b>100.0</b>

Source: Chicago Metropolitan Agency for Planning analysis of the 2015 [Land Use Inventory](#).

### Park Access, 2015

	Carpentersville	Kane County	CMAP Region
Accessible Park Acreage per 1,000 Residents*	4.96	9.87	5.78

Source: Chicago Metropolitan Agency for Planning analysis of the 2015 [Park Access Layer](#).

\*Neighborhood parks (smaller than 35 acres) are considered accessible for residents living within 0.5 miles; community parks (35 acres or larger) are considered accessible for residents living within 1 mile.

### Walkability of Resident and Job Locations\*, 2018

	Carpentersville	Kane County	CMAP Region
High Walkability	0.0%	17.9%	44.7%
Moderate Walkability	53.2%	28.4%	24.8%
Low Walkability	46.8%	53.7%	30.5%

Source: Chicago Metropolitan Agency for Planning analysis of the 2018 [Walkability Layer](#).

\*The CMAP Walkability Layer is based on several factors: the presence/absence of sidewalks; the number of amenities within walking distance; population/employment density; bicycle/pedestrian crashes and fatalities; and physical characteristics (e.g., tree cover, block length). This table reports the share of residents plus jobs whose home and workplace locations, respectively, are within each Walkability Layer category.

## Tax Base

The tax base tables include retail sales and equalized assessed values for Carpentersville.

### General Merchandise Retail Sales, 2021

	Carpentersville	Kane County	CMAP Region
<b>General Merchandise</b>	\$276,837,588	\$5,594,750,480	\$93,569,186,184
<b>Total Retail Sales</b>	\$416,791,229	\$7,294,449,545	\$122,031,374,715
<b>Total Sales per Capita*</b>	\$11,080	\$13,718	\$14,439

Source: Illinois Department of Revenue, 2021.

\*Per capita calculations based on population from 2016-2020 American Community Survey five-year estimates.

### Equalized Assessed Value, 2020

<b>Residential</b>	\$587,309,051
<b>Commercial</b>	\$70,004,289
<b>Industrial</b>	\$21,246,094
<b>Railroad</b>	\$0
<b>Farm</b>	\$699,559
<b>Mineral</b>	\$0
<b>TOTAL</b>	\$679,258,993

Sources: Illinois Department of Revenue, 2020.

## Change Over Time

The time series tables include comparisons of current 2016-2020 ACS estimates to historic year estimates from the 2000 Census and 2006-2010 ACS.

### Race and Ethnicity, Over Time

	2000 Percent	2006-2010 Percent	2016-2020 Percent
White (Non-Hispanic)	51.9	38.8	31.5
Hispanic or Latino (of Any Race)	40.6	48.6	51.0
Black (Non-Hispanic)	4.0	5.3	7.4
Asian (Non-Hispanic)	1.9	5.2	8.4
Other/Multiple Races (Non-Hispanic)	1.7	2.2	1.7

Source: 2000 Census; 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Total population

### Age Cohorts, Over Time

	2000 Percent	2006-2010 Percent	2016-2020 Percent
19 and Under	36.2	35.9	34.2
20 to 34	27.6	23.4	18.8
35 to 49	21.2	24.0	21.3
50 to 64	9.7	12.0	16.5
65 and Over	5.3	4.7	9.2
Median Age	28.1	30.0	32.1

Source: 2000 Census; 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Total population

### Educational Attainment\*, Over Time

	2000 Percent	2006-2010 Percent	2016-2020 Percent
Less than High School Diploma	33.3	29.2	25.0
High School Diploma or Equivalent	28.2	28.2	27.8
Some College, No Degree	21.2	16.0	18.1
Associate's Degree	5.2	5.3	8.7
Bachelor's Degree	9.4	15.2	13.9
Graduate or Professional Degree	2.8	5.9	6.6

Source: 2000 Census; 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Population 25 years and older

\*Highest degree or level of school completed by an individual.

Nativity, Over Time

	2006-2010*	2016-2020
	Percent	Percent
<b>Native</b>	65.5	70.3
<b>Foreign Born</b>	34.5	29.7

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Total population  
\*Universe: Population 5 years and older

Language Spoken at Home and Ability to Speak English, Over Time

	2006-2010	2016-2020
	Percent	Percent
<b>English Only</b>	46.8	44.6
<b>Spanish</b>	44.4	44.7
<b>Slavic Languages</b>	2.7	2.4
<b>Chinese</b>	0.1	0.6
<b>Tagalog</b>	0.9	1.6
<b>Arabic</b>	0.2	0.0
<b>Korean</b>	0.5	0.3
<b>Other Asian Languages</b>	0.9	1.9
<b>Other Indo-European Languages</b>	3.5	3.5
<b>Other/Unspecified Languages</b>	0.0	0.3
<b>TOTAL NON-ENGLISH</b>	53.2	55.4
Speak English Less than "Very Well"*	35.9	21.9

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Population 5 years and older

\*For people who speak a language other than English at home, the ACS asks whether they speak English "very well," "well," "not well," or "not at all."

Household Size, Over Time

	2006-2010 Percent	2016-2020 Percent
<b>1-Person Household</b>	16.6	18.0
<b>2-Person Household</b>	24.6	23.2
<b>3-Person Household</b>	16.7	14.5
<b>4-or-More-Person Household</b>	42.1	44.2

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Type, Over Time

	2006-2010 Percent	2016-2020 Percent
<b>Family</b>	76.3	75.8
Single Parent with Child	11.7	12.7
<b>Non-Family</b>	23.7	24.2

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Income, Over Time

	2006-2010 (2020 Dollars)	2016-2020 (2020 Dollars)
<b>Median Income</b>	\$65,664	\$73,105

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

Housing Occupancy and Tenure, Over Time

	2000 Percent	2006-2010 Percent	2016-2020 Percent
<b>Occupied Housing Units</b>	97.4	95.7	96.8
Owner-Occupied*	79.9	80.0	73.3
Renter-Occupied*	20.1	20.0	26.7
<b>Vacant Housing Units</b>	2.6	4.3	3.2

Source: 2000 Census; 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Housing units

\*Universe: Occupied housing units

Housing Costs as a Percentage of Household Income\*, Over Time

	2006-2010 Percent	2016-2020 Percent
<b>Less than \$20,000</b>	9.7	8.0
Less than 20 Percent	1.2	0.0
20 to 29 Percent	0.6	0.5
30 Percent or More	7.8	7.5
<b>\$20,000 to \$49,999</b>	32.4	21.3
Less than 20 Percent	2.7	3.9
20 to 29 Percent	5.1	3.5
30 Percent or More	24.6	13.9
<b>\$50,000 to \$74,999</b>	20.7	20.5
Less than 20 Percent	3.3	6.5
20 to 29 Percent	6.2	8.0
30 Percent or More	11.2	6.0
<b>\$75,000 or More</b>	35.3	50.2
Less than 20 Percent	14.1	34.1
20 to 29 Percent	13.4	13.8
30 Percent or More	7.8	2.3

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

\*Excludes households with zero/negative income, and renting households paying no cash rent.

Housing Type, Over Time

	2006-2010 Percent	2016-2020 Percent
Single Family, Detached	67.7	69.8
Single Family, Attached	13.5	17.2
2 Units	2.8	0.5
3 or 4 Units	4.0	1.6
5 or More Units	12.0	10.8
Mobile Home/Other*	0.1	0.0

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.  
\*“Other” includes boats, recreational vehicles (RVs), vans, etc.

Universe: Housing units

Housing Size, Over Time

	2006-2010 Percent	2016-2020 Percent
0 or 1 Bedroom	5.0	4.0
2 Bedrooms	25.4	20.3
3 Bedrooms	46.6	50.1
4 Bedrooms	18.6	22.4
5 or More Bedrooms	4.4	3.1
Median Number of Rooms*	5.5	5.7

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Housing units

\*Includes living rooms, dining rooms, kitchens, bedrooms, etc., that are separated by built-in, floor-to-ceiling walls.  
Excludes bathrooms, porches, balconies, foyers, halls, and unfinished basements.

Housing Age, Over Time

	2006-2010 Percent	2016-2020 Percent
Built 2000 or Later	21.8	23.3
Built 1970 to 1999	34.2	35.1
Built 1940 to 1969	40.1	38.7
Built Before 1940	3.9	2.9
Median Year Built	1975	1979

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Housing units



Vehicles Available per Household, Over Time

	2006-2010 Percent	2016-2020 Percent
No Vehicle Available	3.1	4.4
1 Vehicle Available	29.8	23.0
2 Vehicles Available	46.1	42.8
3 or More Vehicles Available	21.0	29.7

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Occupied housing units

Mode of Travel to Work, Over Time

	2006-2010 Percent	2016-2020 Percent
Work at Home*	2.1	2.6
Drive Alone	82.3	82.0
Carpool	11.3	9.9
Transit	2.3	1.0
Walk or Bike	1.1	0.7
Other	0.8	3.7
<b>TOTAL COMMUTERS</b>	<b>97.9</b>	<b>97.4</b>
<b>Mean Commute Time (Minutes)</b>	<b>31.3</b>	<b>31.3</b>

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Workers 16 years and older

\*Not included in total commuters or mean commute time.

Employment Status, Over Time

	2006-2010 Percent	2016-2020 Percent
<b>In Labor Force</b>	<b>73.0</b>	<b>73.9</b>
Employed <sup>†*</sup>	90.9	93.7
Unemployed*	9.1	6.3
<b>Not in Labor Force</b>	<b>27.0</b>	<b>26.1</b>

Source: 2006-2010 and 2016-2020 American Community Survey five-year estimates.

Universe: Population 16 years and older

<sup>†</sup>Does not include employed population in the Armed Forces.

\*Universe: In labor force

## Water Supply

CMAP supports an integrated approach to water resource management, and encourages communities to incorporate water supply and demand considerations into land use, transportation, and infrastructure investment decisions. Assessing demand, price, and loss trends of a community can inform decisions that strengthen regional water supply management, maintain drinking water infrastructure, and manage demand. CMAP's ON TO 2050 plan contains [more information](#) about how communities can coordinate and conserve our shared water supply resources.

### Water Source and Demand Trends of Carpentersville\*

Primary Water Source: Shallow Groundwater\*\*

	2003 MGD***	2013 MGD***	Percent Change
<b>Total Water Withdrawals****</b>	3.25	2.87	-11.8
Residential Sector	2.53	2.23	-11.8
Non-Residential Sector	0.72	0.63	-11.8

Source: Analysis of Illinois Water Inventory Program water withdrawal data (2003-2013).

\*Only available for municipalities with community water suppliers providing service to the majority of the community.

\*\*The primary water source of a community is based on the source of the majority of withdrawals from all wells and intakes within the community, including community water suppliers and industrial and commercial businesses. The majority of withdrawals is calculated as an average from yearly data, given year to year fluctuations.

\*\*\*Millions of gallons per day.

\*\*\*\*Total includes all community water suppliers and industrial and commercial wells/intakes within a municipality; private residential wells are not included. Residential sector includes withdrawals identified as residential by community water suppliers. Non-residential sector includes withdrawals identified as non-residential by the community water suppliers and withdrawals from industrial and commercial wells/intakes.

### Daily Residential Water Demand per Capita

	Carpentersville			CMAP Region		
	2003	2013	Percent Change	2003	2013	Percent Change
<b>Residential* (GPCD**)</b>	73.5	58.4	-20.6	104.2	87.5	-16.0

Source: Analysis of Illinois Water Inventory Program water withdrawal data (2003-2013).

\*Residential sector includes withdrawals identified as residential by community water suppliers. The prevalence of private residential wells or community water suppliers that provide water outside of the municipal boundary could lead to artificially lower or higher GPCD values respectively.

\*\*Gallons of water per capita per day (estimated unit use). Population values used in sector totals come from the U.S. Census.

### Residential Water and Wastewater Price Trends\*

MONTHLY COST PER 5,000 GALLONS**	2014 (2021 Dollars)	2020 (2021 Dollars)	Percent Change	Annualized Percent Change
<b>Drinking Water</b>	\$32.01	\$31.81	-0.6	-0.1
<b>Sewer</b>	\$30.81	\$30.77	-0.1	-0.0
<b>Combined***</b>	N/A	N/A	N/A	N/A

Source: Illinois-Indiana Sea Grant Water Rates Data for Northeastern Illinois, IISG19-RCE-RLA-031.

\*Only available for communities with water utilities and that responded to data requests. Percent changes and prices were adjusted for inflation using the U.S. Bureau of Labor Statistics' Consumer Price Index for All Urban Consumers (CPI-U).

\*\*Monthly water bills are calculated as:  $monthly\ base\ charge + ((5,000\ gallons - water\ provision\ included\ in\ base\ charge) \times \$/1,000\ gallons)$ . Note that actual billing calculation practices may vary across communities.

\*\*\*Some utilities combine drinking water and sewer prices, rather than separating them as two distinct rates.

**Water Loss\***

Reporting utility: N/A

	<b>2017</b>
<b>Nonrevenue Water (Millions of Gallons per Day)**</b>	N/A
<b>Annual Cost of Nonrevenue Water</b>	N/A
<b>Percent of Nonrevenue Water to Water Supplied***</b>	N/A

Source: Illinois Department of Natural Resources, Lake Michigan Allocation Program, 2017.

\*Data is only regionally available for Lake Michigan permittees; water losses from other communities and industrial and commercial businesses are not reported to the state.

\*\*Nonrevenue water is the difference between net annual pumpage (water supplied) and billed, authorized consumption. Non-revenue water includes water that is lost from the system due to underregistration of meters, systematic data handling errors, leakage anywhere within the distribution system, unauthorized consumption, or unbilled authorized consumption.

\*\*\*The threshold for permit compliance is less than 12% of water supplied in Water Year 2015, decreasing to no more than 10% by Water Year 2019 and all years thereafter. Permittees that exceed the threshold are required to submit a water system improvement plan.

## ON TO 2050 Indicators

ON TO 2050 is the region’s long-range comprehensive plan, adopted by CMAP in 2018. The plan includes a set of indicators for quantifying its goals and measuring implementation progress. While many of these indicators can only be measured at a regional level, several can also be tracked at a local level. These have been laid out in the table below, with comparisons to the region’s current measure as well as the targets that the plan is aiming to reach by 2050. Visit [cmap.illinois.gov/2050/indicators](http://cmap.illinois.gov/2050/indicators) to learn more.

Plan Chapter	Indicator	Carpentersville	CMAP Region		Source
		Current	Current	2050 Target+	
Community	Population located in highly walkable areas	0.0%	46.1%	53.6%	CMAP, 2018
	Jobs located in highly walkable areas	0.0%	41.9%	46.0%	CMAP, 2018
Prosperity	Population aged 25+ with an associate's degree or higher	29.1%	47.7%	64.9%	ACS, 2016-2020
	Workforce participation rate among population aged 20-64	83.2%	81.2%	83.4%	ACS, 2016-2020
Environment	Population with park access of 4+ acres per 1,000 residents	45.0%	41.8%	65.0%	CMAP, 2015
	Population with park access of 10+ acres per 1,000 residents	9.7%	16.3%	40.0%	CMAP, 2015
	Impervious acres per household	0.16	0.19	0.17	USGS NLCD, 2019
	Daily residential water demand per capita (gallons)	58.4	87.5	65.2	ISWS IWIP, 2013
Governance	State revenue disbursement per capita	\$309.77	\$324.17*	N/A**	CMAP, 2020
	Is per capita disbursement at least 80% of regional median?	Yes	Yes for 78% of municipalities	Yes for 100% of municipalities	CMAP, 2020
Mobility	Population with at least moderately high transit availability	0.0%	53.2%	65.0%	CMAP, 2017
	Jobs with at least moderately high transit availability	0.0%	55.2%	58.0%	CMAP, 2017
	Percent of trips to work via non-single occupancy vehicle modes	14.3%	32.0%	37.3%	ACS, 2016-2020

+Select targets have been provisionally revised as part of the ON TO 2050 Update, which is currently pending adoption. Please visit [cmap.illinois.gov/2050/updating-the-plan](http://cmap.illinois.gov/2050/updating-the-plan) to learn more.

\*Median value of CMAP region’s 284 municipalities.

\*\*ON TO 2050 does not have a target for state revenue disbursement per capita in dollars, but rather for the share of municipalities receiving at least 80% of the regional median. The dollar figures are presented as context for the next row. \*\*\*[[Some indicator targets have been modified as part of the ON TO 2050 Plan Update process. Formal adoption of updated targets is expected in October 2022.]]