

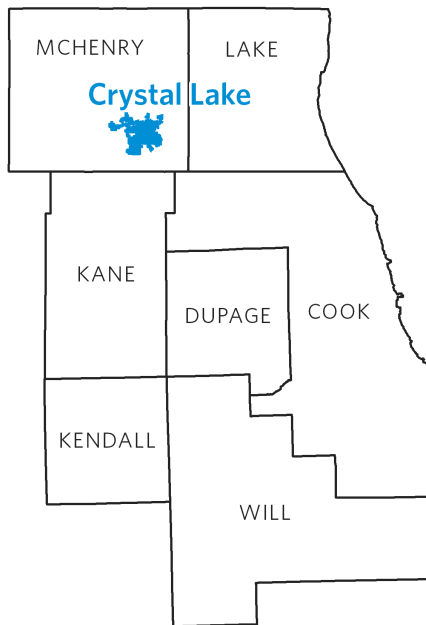


Crystal Lake

Community Data Snapshot

Municipality Series

July 2023 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 on the CMAP website at cmap.illinois.gov/data/community-snapshots. The data is also available in table format at the [CMAP Data Hub](#). Please direct any inquiries to 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 Crystal Lake, which does *not* extend beyond the CMAP region.

Comparing ACS Data Across Past Community Data Snapshots

When using multiple releases of the CDS, please take care not to compare overlapping ACS 5-year estimates. The Census Bureau provides [specific guidance](#) for when it is appropriate to compare ACS data across time. Please contact CMAP staff at info@cmap.illinois.gov if you have additional questions.

Population and Households

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

General Population Characteristics, 2020

	Crystal Lake	McHenry County	CMAP Region
Total Population	40,269	310,229	8,577,735
Total Households	14,780	114,282	3,266,741
Average Household Size	2.7	2.7	2.6
Percent Population Change, 2010-20	-1.2	0.5	1.7
Percent Population Change, 2000-20	6.0	19.3	5.3

Source: 2000, 2010 and 2020 Census.

Race and Ethnicity, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
White (Non-Hispanic)	32,436	80.9	246,990	79.5	4,289,683	50.1
Hispanic or Latino (of Any Race)	4,991	12.5	42,981	13.8	2,005,239	23.4
Black (Non-Hispanic)	368	0.9	4,552	1.5	1,402,691	16.4
Asian (Non-Hispanic)	1,250	3.1	8,346	2.7	636,825	7.4
Other/Multiple Races (Non-Hispanic)	1,037	2.6	7,880	2.5	236,095	2.8

Source: 2017-2021 American Community Survey five-year estimates.

Universe: Total population

Age Cohorts, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Under 5	1,812	4.5	16,737	5.4	502,928	5.9
5 to 19	9,401	23.5	63,797	20.5	1,662,052	19.4
20 to 34	6,036	15.1	53,132	17.1	1,774,853	20.7
35 to 49	8,899	22.2	61,486	19.8	1,724,098	20.1
50 to 64	8,076	20.1	69,560	22.4	1,659,323	19.4
65 to 74	3,843	9.6	28,732	9.2	746,030	8.7
75 to 84	1,335	3.3	12,141	3.9	347,665	4.1
85 and Over	680	1.7	5,164	1.7	153,584	1.8
Median Age	39.5		40.4		37.9	

Source: 2017-2021 American Community Survey five-year estimates.

Universe: Total population

Educational Attainment*, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Less than High School Diploma	1,473	5.6	13,717	6.5	630,588	10.8
High School Diploma or Equivalent	5,671	21.4	55,145	26.0	1,303,071	22.2
Some College, No Degree	6,191	23.4	48,787	23.0	1,090,002	18.6
Associate's Degree	2,434	9.2	19,873	9.4	418,936	7.1
Bachelor's Degree	7,340	27.7	49,808	23.5	1,443,539	24.6
Graduate or Professional Degree	3,393	12.8	24,850	11.7	978,676	16.7

Source: 2017-2021 American Community Survey five-year estimates.
*Highest degree or level of school completed by an individual.

Universe: Population 25 years and older

Nativity, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Native	36,547	91.2	283,400	91.2	6,938,399	81.0
Foreign Born	3,535	8.8	27,349	8.8	1,632,134	19.0

Source: 2017-2021 American Community Survey five-year estimates.

Universe: Total population

Language Spoken at Home and Ability to Speak English, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
English Only	33,999	88.8	253,425	86.2	5,533,398	68.6
Spanish	2,770	7.2	25,440	8.7	1,479,334	18.3
Slavic Languages	355	0.9	5,370	1.8	289,350	3.6
Chinese	62	0.2	420	0.1	90,587	1.1
Tagalog	312	0.8	2,036	0.7	73,710	0.9
Arabic	0	0.0	254	0.1	63,720	0.8
Korean	0	0.0	607	0.2	37,671	0.5
Other Asian Languages	239	0.6	1,356	0.5	113,684	1.4
Other Indo-European Languages	491	1.3	4,769	1.6	328,784	4.1
Other/Unspecified Languages	42	0.1	335	0.1	57,367	0.7
TOTAL NON-ENGLISH	4,271	11.2	40,587	13.8	2,534,207	31.4
Speak English Less than "Very Well"*	1,457	3.8	13,138	4.5	940,619	11.7

Source: 2017-2021 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, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
1-Person Household	2,791	19.4	23,625	20.6	948,087	29.4
2-Person Household	5,038	35.0	39,347	34.4	993,509	30.8
3-Person Household	2,447	17.0	20,121	17.6	503,236	15.6
4-or-More-Person Household	4,099	28.5	31,353	27.4	775,919	24.1

Source: 2017-2021 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Type, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Family	11,073	77.0	85,663	74.9	2,062,968	64.1
Single Parent with Child	1,231	8.6	9,065	7.9	257,853	8.0
Non-Family	3,302	23.0	28,783	25.1	1,157,783	35.9

Source: 2017-2021 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Income, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Less than \$25,000	1,166	8.1	10,512	9.2	486,172	15.1
\$25,000 to \$49,999	2,196	15.3	16,579	14.5	532,670	16.5
\$50,000 to \$74,999	1,990	13.8	17,745	15.5	491,960	15.3
\$75,000 to \$99,999	2,153	15.0	16,053	14.0	407,959	12.7
\$100,000 to \$149,999	3,665	25.5	25,291	22.1	575,992	17.9
\$150,000 and Over	3,205	22.3	28,266	24.7	725,998	22.5
Median Income	\$96,274		\$93,801		\$81,102	
Per Capita Income*	\$41,507		\$43,047		\$43,128	

Source: 2017-2021 American Community Survey five-year estimates.

Universe: Occupied housing units

*Universe: Total population

Household Computer and Internet Access, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
One or More Computing Devices	13,965	97.1	110,677	96.7	3,019,317	93.7
Smartphone(s) Only	281	2.0	4,375	3.8	240,075	7.5
No Computing Devices	410	2.9	3,769	3.3	201,434	6.3
Internet Access	13,970	97.2	109,759	95.9	2,935,545	91.1
Broadband Subscription	13,666	95.1	108,104	94.5	2,855,152	88.6
No Internet Access	405	2.8	4,687	4.1	285,206	8.9

Source: 2017-2021 American Community Survey five-year estimates.

Universe: Occupied housing units

Housing Occupancy and Tenure, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Occupied Housing Units	14,375	95.5	114,446	95.8	3,220,751	92.3
Owner-Occupied*	11,118	77.3	93,244	81.5	2,075,416	64.4
Renter-Occupied*	3,257	22.7	21,202	18.5	1,145,335	35.6
Vacant Housing Units	678	4.5	5,019	4.2	267,011	7.7

Source: 2017-2021 American Community Survey five-year estimates.

Universe: Housing units
*Universe: Occupied housing units

Housing Costs as a Percentage of Household Income*, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Less than \$20,000	790	5.6	6,998	6.2	315,268	10.1
Less than 20 Percent	0	0.0	347	0.3	7,772	0.2
20 to 29 Percent	42	0.3	199	0.2	22,358	0.7
30 Percent or More	748	5.3	6,452	5.7	285,138	9.1
\$20,000 to \$49,999	2,448	17.2	19,065	16.9	632,790	20.2
Less than 20 Percent	331	2.3	2,380	2.1	69,735	2.2
20 to 29 Percent	471	3.3	4,053	3.6	123,043	3.9
30 Percent or More	1,646	11.6	12,632	11.2	440,012	14.0
\$50,000 to \$74,999	1,985	14.0	17,454	15.5	486,707	15.5
Less than 20 Percent	595	4.2	4,807	4.3	139,609	4.5
20 to 29 Percent	592	4.2	6,237	5.5	171,702	5.5
30 Percent or More	798	5.6	6,410	5.7	175,396	5.6
\$75,000 or More	8,989	63.2	69,424	61.5	1,701,200	54.2
Less than 20 Percent	5,703	40.1	46,670	41.3	1,134,826	36.2
20 to 29 Percent	2,873	20.2	18,130	16.1	422,329	13.5
30 Percent or More	413	2.9	4,624	4.1	144,045	4.6

Source: 2017-2021 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***
Housing Costs	34	43
Transportation Costs	23	25
TOTAL H+T COSTS	57	68

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 Crystal Lake.

Housing Type, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Single Family, Detached	10,233	68.0	92,343	77.3	1,745,022	50.0
Single Family, Attached	1,416	9.4	12,222	10.2	259,184	7.4
2 Units	181	1.2	1,865	1.6	239,727	6.9
3 or 4 Units	543	3.6	2,921	2.4	274,341	7.9
5 to 9 Units	1,487	9.9	4,652	3.9	270,594	7.8
10 to 19 Units	297	2.0	1,993	1.7	155,969	4.5
20 or More Units	594	3.9	2,606	2.2	513,327	14.7
Mobile Home/Other*	302	2.0	863	0.7	29,598	0.8

Source: 2017-2021 American Community Survey five-year estimates.

Universe: Housing units

*"Other" includes boats, recreational vehicles (RVs), vans, etc.

Housing Size, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
0 or 1 Bedroom	911	6.1	6,586	5.5	566,228	16.2
2 Bedrooms	3,786	25.2	26,080	21.8	973,190	27.9
3 Bedrooms	4,497	29.9	47,947	40.1	1,156,700	33.2
4 Bedrooms	5,060	33.6	32,124	26.9	612,171	17.6
5 or More Bedrooms	799	5.3	6,728	5.6	179,473	5.1
Median Number of Rooms*	6.9		6.6		6.0	

Source: 2017-2021 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, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Built 2000 or Later	2,474	16.4	29,716	24.9	509,505	14.6
Built 1970 to 1999	8,853	58.8	59,142	49.5	1,189,334	34.1
Built 1940 to 1969	2,768	18.4	21,229	17.8	1,048,502	30.1
Built Before 1940	958	6.4	9,378	7.8	740,421	21.2
Median Year Built	1987		1989		1969	

Source: 2017-2021 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 Crystal Lake.

Vehicles Available per Household, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
No Vehicle Available	661	4.6	4,292	3.8	405,467	12.6
1 Vehicle Available	3,760	26.2	27,962	24.4	1,152,274	35.8
2 Vehicles Available	6,968	48.5	51,082	44.6	1,119,802	34.8
3 or More Vehicles Available	2,986	20.8	31,110	27.2	543,208	16.9

Source: 2017-2021 American Community Survey five-year estimates.

Universe: Occupied housing units

Mode of Travel to Work, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Work at Home*	1,984	9.6	17,853	11.0	486,188	11.5
Drive Alone	15,914	77.0	128,052	78.9	2,743,345	64.9
Carpool	1,648	8.0	10,583	6.5	321,231	7.6
Transit	568	2.7	2,872	1.8	465,784	11.0
Walk or Bike	236	1.1	1,496	0.9	151,257	3.6
Other	306	1.5	1,526	0.9	62,008	1.5
TOTAL COMMUTERS	18,672	90.4	144,529	89.0	3,743,625	88.5
Mean Commute Time (Minutes)	29.1		31.3		31.7	

Source: 2017-2021 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*, 2021

	Crystal Lake	McHenry County	CMAP Region
Average Vehicle Miles Traveled per Year	19,031	20,562	15,653

Source: Chicago Metropolitan Agency for Planning analysis of 2021 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

	Crystal Lake	McHenry County	CMAP Region
High Transit Availability	1.0%	1.6%	53.9%
Moderate Transit Availability	20.5%	14.9%	20.6%
Low Transit Availability	78.6%	83.5%	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 Crystal Lake.

Employment Status, 2017-2021

	Crystal Lake		McHenry County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
In Labor Force	22,013	70.2	174,081	70.4	4,614,158	67.3
Employed†*	20,960	95.2	165,199	94.9	4,306,443	93.3
Unemployed*	1,043	4.7	8,828	5.1	295,199	6.4
Not in Labor Force	9,354	29.8	73,105	29.6	2,237,246	32.7

Source: 2017-2021 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*, 2022

	Crystal Lake		McHenry County		6-County Region**	
	Count	Percent	Count	Percent	Count	Percent
Private Sector Employment	20,572	N/A	79,685	N/A	3,497,215	N/A
Job Change, 2012-22	962	4.9	3,008	3.9	235,962	7.2
Job Change, 2002-22	-1,525	-6.9	3,526	4.6	138,855	4.1
Private Sector Jobs per Household***	1.43		0.70		1.09	

Source: Illinois Department of Employment Security, Where Workers Work report (2022).

*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 2017-2021 American Community Survey five-year estimates.

Employment of Crystal Lake Residents*, 2019

TOP INDUSTRY SECTORS	Count	Percent
1. Manufacturing	2,321	11.3
2. Retail Trade	2,293	11.2
3. Education	2,281	11.1
4. Health Care	2,086	10.2
5. Professional	1,481	7.2
TOP EMPLOYMENT LOCATIONS		
1. Crystal Lake	2,828	13.8
2. Chicago	2,046	10.0
3. Elgin	876	4.3
4. Schaumburg	731	3.6
5. Woodstock	533	2.6

Employment in Crystal Lake*, 2019

TOP INDUSTRY SECTORS	Count	Percent
1. Retail Trade	3,210	16.8
2. Education	2,861	15.0
3. Manufacturing	2,222	11.6
4. Health Care	1,983	10.4
5. Accommodation and Food Service	1,891	9.9
TOP RESIDENCE LOCATIONS		
1. Crystal Lake	2,828	14.8
2. Woodstock	1,039	5.4
3. Lake in the Hills	992	5.2
4. McHenry	774	4.1
5. Chicago	659	3.5

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 Crystal Lake.

General Land Use, 2018

	Acres	Percent
Single-Family Residential	3,448.5	27.7
Multi-Family Residential	200.1	1.6
Commercial	936.9	7.5
Industrial	713.0	5.7
Institutional	752.1	6.0
Mixed Use	8.2	0.1
Transportation and Other	2,012.5	16.2
Agricultural	1,763.9	14.2
Open Space	1,645.3	13.2
Vacant	977.4	7.8
TOTAL	12,457.9	100.0

Source: Chicago Metropolitan Agency for Planning analysis of the 2018 [Land Use Inventory](#).

Park Access, 2015

	Crystal Lake	McHenry County	CMAP Region
Accessible Park Acreage per 1,000 Residents*	16.85	11.39	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

	Crystal Lake	McHenry County	CMAP Region
High Walkability	1.5%	0.5%	44.7%
Moderate Walkability	40.2%	22.1%	24.8%
Low Walkability	58.2%	77.3%	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 Crystal Lake.

General Merchandise Retail Sales, 2022

	Crystal Lake	McHenry County	CMAP Region
General Merchandise	\$1,148,786,738	\$4,491,083,823	\$137,918,287,566
Total Retail Sales	\$1,410,880,731	\$5,507,145,902	\$168,382,810,939
Total Sales per Capita*	\$35,200	\$17,722	\$19,647

Source: Illinois Department of Revenue, 2022.

*Per capita calculations based on population from 2017-2021 American Community Survey five-year estimates.

Equalized Assessed Value, 2021

Residential	\$936,467,067
Commercial	\$275,263,871
Industrial	\$73,138,016
Railroad	\$2,177,547
Farm	\$1,996,645
Mineral	\$1,606,507
TOTAL	\$1,290,649,653

Sources: Illinois Department of Revenue, 2021.

Change Over Time

The time series tables include comparisons of current 2017-2021 ACS estimates to historic year estimates from the 2000 Census and 2007-2011 ACS. Historic data may not be available for municipalities that were incorporated after 2000.

Race and Ethnicity, Over Time

	2000 Percent	2007-2011 Percent	2017-2021 Percent
White (Non-Hispanic)	89.6	83.2	80.9
Hispanic or Latino (of Any Race)	7.0	11.6	12.5
Black (Non-Hispanic)	0.5	1.8	0.9
Asian (Non-Hispanic)	1.9	2.2	3.1
Other/Multiple Races (Non-Hispanic)	0.9	1.2	2.6

Source: 2000 Census; 2007-2011 and 2017-2021 American Community Survey five-year estimates.

Universe: Total population

Age Cohorts, Over Time

	2000 Percent	2007-2011 Percent	2017-2021 Percent
19 and Under	33.8	31.5	28.0
20 to 34	17.9	17.5	15.1
35 to 49	27.2	23.9	22.2
50 to 64	12.1	16.9	20.1
65 and Over	9.0	10.3	14.6
Median Age	34.1	35.6	39.5

Source: 2000 Census; 2007-2011 and 2017-2021 American Community Survey five-year estimates.

Universe: Total population

Educational Attainment*, Over Time

	2000 Percent	2007-2011 Percent	2017-2021 Percent
Less than High School Diploma	8.5	7.5	5.6
High School Diploma or Equivalent	22.7	20.5	21.4
Some College, No Degree	25.9	24.6	23.4
Associate's Degree	6.7	7.4	9.2
Bachelor's Degree	25.3	27.0	27.7
Graduate or Professional Degree	10.9	13.0	12.8

Source: 2000 Census; 2007-2011 and 2017-2021 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

	2007-2011 Percent	2017-2021 Percent
Native	89.0	91.2
Foreign Born	11.0	8.8

Source: 2007-2011 and 2017-2021 American Community Survey five-year estimates.

Universe: Total population

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

	2007-2011 Percent	2017-2021 Percent
English Only	83.8	88.8
Spanish	9.6	7.2
Slavic Languages	1.6	0.9
Chinese	0.0	0.2
Tagalog	0.2	0.8
Arabic	0.0	0.0
Korean	0.6	0.0
Other Asian Languages	0.5	0.6
Other Indo-European Languages	3.5	1.3
Other/Unspecified Languages	0.2	0.1
TOTAL NON-ENGLISH	16.2	11.2
Speak English Less than "Very Well"*	7.5	3.8

Source: 2007-2011 and 2017-2021 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

	2007-2011 Percent	2017-2021 Percent
1-Person Household	22.9	19.4
2-Person Household	28.1	35.0
3-Person Household	17.5	17.0
4-or-More-Person Household	31.5	28.5

Source: 2007-2011 and 2017-2021 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Type, Over Time

	2007-2011 Percent	2017-2021 Percent
Family	72.5	77.0
Single Parent with Child	7.9	8.6
Non-Family	27.5	23.0

Source: 2007-2011 and 2017-2021 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Income, Over Time

	2007-2011 (2021 Dollars)	2017-2021 (2021 Dollars)
Median Income	\$93,420	\$96,274

Source: 2007-2011 and 2017-2021 American Community Survey five-year estimates.

Universe: Occupied housing units

Housing Occupancy and Tenure, Over Time

	2000 Percent	2007-2011 Percent	2017-2021 Percent
Occupied Housing Units	97.1	94.0	95.5
Owner-Occupied*	79.3	78.4	77.3
Renter-Occupied*	20.7	21.6	22.7
Vacant Housing Units	2.9	6.0	4.5

Source: 2000 Census; 2007-2011 and 2017-2021 American Community Survey five-year estimates.

Universe: Housing units

*Universe: Occupied housing units

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

	2007-2011 Percent	2017-2021 Percent
Less than \$20,000	8.4	5.6
Less than 20 Percent	0.3	0.0
20 to 29 Percent	0.6	0.3
30 Percent or More	7.5	5.3
\$20,000 to \$49,999	20.4	17.2
Less than 20 Percent	2.8	2.3
20 to 29 Percent	4.0	3.3
30 Percent or More	13.6	11.6
\$50,000 to \$74,999	18.7	14.0
Less than 20 Percent	4.0	4.2
20 to 29 Percent	6.1	4.2
30 Percent or More	8.6	5.6
\$75,000 or More	51.6	63.2
Less than 20 Percent	24.3	40.1
20 to 29 Percent	20.5	20.2
30 Percent or More	6.8	2.9

Source: 2007-2011 and 2017-2021 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

	2007-2011 Percent	2017-2021 Percent
Single Family, Detached	66.2	68.0
Single Family, Attached	9.8	9.4
2 Units	1.1	1.2
3 or 4 Units	5.3	3.6
5 or More Units	15.3	15.8
Mobile Home/Other*	2.3	2.0

Source: 2007-2011 and 2017-2021 American Community Survey five-year estimates.
*“Other” includes boats, recreational vehicles (RVs), vans, etc.

Universe: Housing units

Housing Size, Over Time

	2007-2011 Percent	2017-2021 Percent
0 or 1 Bedroom	6.6	6.1
2 Bedrooms	25.9	25.2
3 Bedrooms	30.9	29.9
4 Bedrooms	32.4	33.6
5 or More Bedrooms	4.2	5.3
Median Number of Rooms*	6.8	6.9

Source: 2007-2011 and 2017-2021 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

	2007-2011 Percent	2017-2021 Percent
Built 2000 or Later	11.7	16.4
Built 1970 to 1999	59.7	58.8
Built 1940 to 1969	19.5	18.4
Built Before 1940	9.1	6.4
Median Year Built	1982	1987

Source: 2007-2011 and 2017-2021 American Community Survey five-year estimates.

Universe: Housing units

Vehicles Available per Household, Over Time

	2007-2011 Percent	2017-2021 Percent
No Vehicle Available	4.1	4.6
1 Vehicle Available	25.5	26.2
2 Vehicles Available	48.8	48.5
3 or More Vehicles Available	21.5	20.8

Source: 2007-2011 and 2017-2021 American Community Survey five-year estimates.

Universe: Occupied housing units

Mode of Travel to Work, Over Time

	2007-2011 Percent	2017-2021 Percent
Work at Home*	5.6	9.6
Drive Alone	81.7	77.0
Carpool	6.7	8.0
Transit	3.6	2.7
Walk or Bike	1.7	1.1
Other	0.8	1.5
TOTAL COMMUTERS	94.4	90.4
Mean Commute Time (Minutes)	33.6	29.1

Source: 2007-2011 and 2017-2021 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

	2007-2011 Percent	2017-2021 Percent
In Labor Force	72.2	70.2
Employed ^{†*}	92.0	95.2
Unemployed*	7.9	4.7
Not in Labor Force	27.8	29.8

Source: 2007-2011 and 2017-2021 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

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 Crystal Lake*

Primary Water Source: Sandstone Groundwater**

	2003 MGD***	2013 MGD***	Percent Change
Total Water Withdrawals****	4.61	4.44	-3.9
Residential Sector	3.47	3.34	-3.6
Non-Residential Sector	1.15	1.09	-4.7

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

	Crystal Lake			CMAP Region		
	2003	2013	Percent Change	2003	2013	Percent Change
Residential* (GPCD**)	87.2	82.8	-5.1	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	2020	Percent Change	Annualized Percent Change
	(2021 Dollars)	(2021 Dollars)		
Drinking Water	\$21.40	\$34.94	63.2	8.5
Sewer	\$22.40	\$52.68	135.2	15.3
Combined***	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

	2017
Nonrevenue Water (Millions of Gallons per Day)**	N/A
Annual Cost of Nonrevenue Water	N/A
Percent of Nonrevenue Water to Water Supplied***	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 and updated in 2022. 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 to learn more.

Plan Chapter	Indicator	Crystal Lake	CMAP Region		Source
		Current	Current	2050 Target	
Community	Population located in highly walkable areas	1.0%	46.1%	53.6%	CMAP, 2018
	Jobs located in highly walkable areas	2.7%	41.9%	46.0%	CMAP, 2018
Prosperity	Population aged 25+ with an associate’s degree or higher	49.7%	48.4%	64.9%	ACS, 2017-2021
	Workforce participation rate among population aged 20-64	85.2%	81.2%	83.4%	ACS, 2017-2021
Environment	Population with park access of 4+ acres per 1,000 residents	77.8%	41.8%	65.0%	CMAP, 2015
	Population with park access of 10+ acres per 1,000 residents	51.9%	16.3%	40.0%	CMAP, 2015
	Impervious acres per household	0.26	0.19	0.17	USGS NLCD, 2019
	Daily residential water demand per capita (gallons)	82.8	87.5	65.2	ISWS IWIP, 2013
Governance	State revenue disbursement per capita	\$544.31	\$379.91*	N/A**	CMAP, 2021
	Is per capita disbursement at least 80% of regional median?	Yes	Yes for 79% of municipalities	Yes for 100% of municipalities	CMAP, 2021
Mobility	Population with at least moderately high transit availability	0.9%	53.2%	65.0%	CMAP, 2017
	Jobs with at least moderately high transit availability	1.0%	55.2%	58.0%	CMAP, 2017
	Percent of trips to work via non-single occupancy vehicle modes	21.5%	33.7%	37.3%	ACS, 2017-2021

*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.