

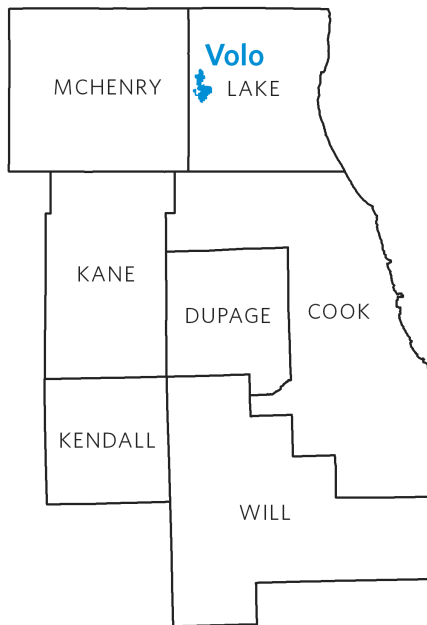


# Volo

Community Data Snapshot

Municipality Series

June 2021 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 (by area) of the municipality.

### 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 Assesed 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 Volo, 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 Volo.

### General Population Characteristics, 2015-2019

	Volo	Lake County	CMAP Region
<b>Total Population</b>	5,229	701,473	8,483,267
<b>Total Households</b>	1,780	246,122	3,123,330
<b>Average Household Size</b>	2.9	2.8	2.7
<b>Percent Population Change, 2010-19</b>	78.5	-0.3	0.6
<b>Percent Population Change, 2000-19</b>	2,805.0	8.9	4.1

Source: 2000 and 2010 Census, 2015-2019 American Community Survey five-year estimates.

### Race and Ethnicity, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>White (Non-Hispanic)</b>	4,359	83.4	432,361	61.6	4,331,282	51.1
<b>Hispanic or Latino (of Any Race)</b>	726	13.9	152,141	21.7	1,952,500	23.0
<b>Black (Non-Hispanic)</b>	18	0.3	45,923	6.5	1,406,500	16.6
<b>Asian (Non-Hispanic)</b>	59	1.1	53,654	7.6	610,365	7.2
<b>Other/Multiple Races (Non-Hispanic)</b>	67	1.3	17,394	2.5	182,620	2.2

Source: 2015-2019 American Community Survey five-year estimates.

Universe: Total population

### Age Cohorts, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Under 5</b>	739	14.1	40,703	5.8	518,065	6.1
<b>5 to 19</b>	1,107	21.2	152,672	21.8	1,644,152	19.4
<b>20 to 34</b>	1,023	19.6	128,316	18.3	1,794,152	21.1
<b>35 to 49</b>	1,506	28.8	137,299	19.6	1,701,494	20.1
<b>50 to 64</b>	511	9.8	146,144	20.8	1,635,766	19.3
<b>65 to 74</b>	231	4.4	57,332	8.2	691,947	8.2
<b>75 to 84</b>	39	0.7	26,661	3.8	346,833	4.1
<b>85 and Over</b>	73	1.4	12,346	1.8	150,858	1.8
<b>Median Age</b>	33.4		38.4		37.5	

Source: 2015-2019 American Community Survey five-year estimates.

Universe: Total population

**Educational Attainment\*, 2015-2019**

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Less than High School Diploma	142	4.5	42,861	9.4	663,242	11.5
High School Diploma or Equivalent	620	19.6	95,007	20.8	1,314,011	22.8
Some College, No Degree	726	23.0	83,348	18.2	1,100,596	19.1
Associate's Degree	311	9.8	29,020	6.3	404,417	7.0
Bachelor's Degree	968	30.6	121,501	26.5	1,377,160	23.9
Graduate or Professional Degree	396	12.5	85,939	18.8	906,665	15.7

Source: 2015-2019 American Community Survey five-year estimates.

Universe: Population 25 years and older

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

**Nativity, 2015-2019**

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Native	4,639	88.7	570,075	81.3	6,857,014	80.8
Foreign Born	590	11.3	131,398	18.7	1,626,253	19.2

Source: 2015-2019 American Community Survey five-year estimates.

Universe: Total population

**Language Spoken at Home and Ability to Speak English, 2015-2019**

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
English Only	3,725	83.0	470,577	71.2	5,462,068	68.6
Spanish	228	5.1	114,481	17.3	1,469,511	18.4
Slavic Languages	392	8.7	19,308	2.9	275,630	3.5
Chinese	59	1.3	7,726	1.2	90,487	1.1
Tagalog	0	0.0	6,045	0.9	73,562	0.9
Arabic	0	0.0	1,092	0.2	61,851	0.8
Korean	0	0.0	5,397	0.8	36,522	0.5
Other Asian Languages	0	0.0	10,410	1.6	109,161	1.4
Other Indo-European Languages	31	0.7	22,603	3.4	329,735	4.1
Other/Unspecified Languages	55	1.2	3,131	0.5	56,675	0.7
<b>TOTAL NON-ENGLISH</b>	765	17.0	190,193	28.8	2,503,134	31.4
Speak English Less than "Very Well"*	338	7.5	67,033	10.1	946,875	11.9

Source: 2015-2019 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, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>1-Person Household</b>	375	21.1	55,252	22.4	907,247	29.0
<b>2-Person Household</b>	492	27.6	79,353	32.2	962,910	30.8
<b>3-Person Household</b>	246	13.8	41,834	17.0	487,229	15.6
<b>4-or-More-Person Household</b>	667	37.5	69,683	28.3	765,944	24.5

Source: 2015-2019 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Type, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Family</b>	1,300	73.0	180,068	73.2	2,020,927	64.7
Single Parent with Child	221	12.4	19,589	8.0	255,505	8.2
<b>Non-Family</b>	480	27.0	66,054	26.8	1,102,403	35.3

Source: 2015-2019 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Income, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Less than \$25,000</b>	83	4.7	29,993	12.2	529,858	17.0
<b>\$25,000 to \$49,999</b>	129	7.2	39,275	16.0	567,834	18.2
<b>\$50,000 to \$74,999</b>	348	19.6	35,950	14.6	490,586	15.7
<b>\$75,000 to \$99,999</b>	426	23.9	30,200	12.3	395,676	12.7
<b>\$100,000 to \$149,999</b>	414	23.3	44,543	18.1	533,771	17.1
<b>\$150,000 and Over</b>	380	21.3	66,161	26.9	605,605	19.4
<b>Median Income</b>	\$92,500		\$89,427		\$73,572	
<b>Per Capita Income*</b>	\$36,517		\$45,766		\$39,058	

Source: 2015-2019 American Community Survey five-year estimates.

Universe: Occupied housing units

\*Universe: Total population

Household Computer and Internet Access, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>One or More Computing Devices</b>	1,773	99.6	231,828	94.2	2,844,477	91.1
Smartphone(s) Only	0	0.0	11,494	4.7	189,503	6.1
<b>No Computing Devices</b>	7	0.4	14,294	5.8	278,853	8.9
<b>Internet Access</b>	1,758	98.8	226,066	91.9	2,741,960	87.8
Broadband Subscription	1,741	97.8	220,965	89.8	2,640,864	84.6
<b>No Internet Access</b>	22	1.2	20,056	8.1	381,370	12.2

Source: 2015-2019 American Community Survey five-year estimates.

Universe: Occupied housing units

Housing Occupancy and Tenure, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Occupied Housing Units</b>	1,780	93.0	246,122	93.2	3,123,330	91.6
Owner-Occupied*	1,628	91.5	179,679	73.0	1,996,297	63.9
Renter-Occupied*	152	8.5	66,443	27.0	1,127,033	36.1
<b>Vacant Housing Units</b>	133	7.0	17,956	6.8	286,760	8.4

Source: 2015-2019 American Community Survey five-year estimates.

Universe: Housing units  
\*Universe: Occupied housing units

Housing Costs as a Percentage of Household Income\*, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Less than \$20,000</b>	54	3.0	19,250	8.0	346,898	11.4
Less than 20 Percent	0	0.0	697	0.3	8,867	0.3
20 to 29 Percent	0	0.0	1,447	0.6	25,618	0.8
30 Percent or More	54	3.0	17,106	7.1	312,413	10.3
<b>\$20,000 to \$49,999</b>	158	8.9	46,480	19.2	684,002	22.5
Less than 20 Percent	15	0.8	4,959	2.1	77,326	2.5
20 to 29 Percent	12	0.7	9,569	4.0	145,913	4.8
30 Percent or More	131	7.4	31,952	13.2	460,763	15.1
<b>\$50,000 to \$74,999</b>	348	19.6	35,493	14.7	485,439	15.9
Less than 20 Percent	101	5.7	10,168	4.2	151,167	5.0
20 to 29 Percent	77	4.3	12,922	5.3	173,246	5.7
30 Percent or More	170	9.6	12,403	5.1	161,026	5.3
<b>\$75,000 or More</b>	1,220	68.5	140,397	58.1	1,527,241	50.2
Less than 20 Percent	554	31.1	93,505	38.7	1,022,835	33.6
20 to 29 Percent	415	23.3	33,725	14.0	382,768	12.6
30 Percent or More	251	14.1	13,167	5.4	121,638	4.0

Source: 2015-2019 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>	37	46
<b>Transportation Costs</b>	24	26
<b>TOTAL H+T COSTS</b>	61	73

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 Volo.

### Housing Type, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Single Family, Detached	1,068	55.8	177,495	67.2	1,710,011	50.1
Single Family, Attached	697	36.4	26,724	10.1	254,103	7.5
2 Units	7	0.4	6,800	2.6	237,977	7.0
3 or 4 Units	55	2.9	7,880	3.0	268,945	7.9
5 to 9 Units	71	3.7	9,831	3.7	270,643	7.9
10 to 19 Units	0	0.0	11,309	4.3	151,076	4.4
20 or More Units	0	0.0	19,484	7.4	490,331	14.4
Mobile Home/Other*	15	0.8	4,555	1.7	27,004	0.8

Source: 2015-2019 American Community Survey five-year estimates.  
 \*"Other" includes boats, recreational vehicles (RVs), vans, etc.

Universe: Housing units

### Housing Size, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
0 or 1 Bedroom	43	2.2	24,772	9.4	548,002	16.1
2 Bedrooms	433	22.6	60,860	23.0	965,749	28.3
3 Bedrooms	799	41.8	89,360	33.8	1,133,210	33.2
4 Bedrooms	551	28.8	70,161	26.6	597,921	17.5
5 or More Bedrooms	87	4.5	18,925	7.2	165,208	4.8
Median Number of Rooms*	6.6		6.3		6.0	

Source: 2015-2019 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, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Built 2000 or Later	1,795	93.8	45,957	17.4	463,304	13.6
Built 1970 to 1999	84	4.4	131,490	49.8	1,161,616	34.1
Built 1940 to 1969	0	0.0	63,865	24.2	1,044,859	30.6
Built Before 1940	34	1.8	22,766	8.6	740,311	21.7
Median Year Built	2007		1981		1968	

Source: 2015-2019 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 Volo.

### Vehicles Available per Household, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>No Vehicle Available</b>	62	3.5	12,425	5.0	399,783	12.8
<b>1 Vehicle Available</b>	335	18.8	67,000	27.2	1,111,243	35.6
<b>2 Vehicles Available</b>	1,064	59.8	109,395	44.4	1,098,207	35.2
<b>3 or More Vehicles Available</b>	319	17.9	57,302	23.3	514,097	16.5

Source: 2015-2019 American Community Survey five-year estimates.

Universe: Occupied housing units

### Mode of Travel to Work, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>Work at Home*</b>	129	4.8	24,486	6.9	226,183	5.4
<b>Drive Alone</b>	2,397	90.0	273,445	76.8	2,865,893	68.4
<b>Carpool</b>	94	3.5	29,529	8.3	323,457	7.7
<b>Transit</b>	20	0.8	15,805	4.4	557,002	13.3
<b>Walk or Bike</b>	22	0.8	9,347	2.6	164,065	3.9
<b>Other</b>	0	0.0	3,306	0.9	53,525	1.3
<b>TOTAL COMMUTERS</b>	2,533	95.2	331,432	93.1	3,963,942	94.6
<b>Mean Commute Time (Minutes)</b>	34.7		30.4		32.5	

Source: 2015-2019 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

	Volo	Lake County	CMAP Region
<b>Average Vehicle Miles Traveled per Year</b>	29,682	22,231	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

	Volo	Lake County	CMAP Region
<b>High Transit Availability</b>	0.0%	13.1%	53.9%
<b>Moderate Transit Availability</b>	0.0%	34.9%	20.6%
<b>Low Transit Availability</b>	100.0%	51.9%	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 Volo.

### Employment Status, 2015-2019

	Volo		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
<b>In Labor Force</b>	2,768	78.9	380,960	69.0	4,546,758	67.3
Employed†*	2,699	97.5	351,926	92.4	4,260,595	93.7
Unemployed*	69	2.5	19,357	5.1	274,246	6.0
<b>Not in Labor Force</b>	742	21.1	170,843	31.0	2,213,132	32.7

Source: 2015-2019 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\*, 2020

	Volo		Lake County		6-County Region**	
	Count	Percent	Count	Percent	Count	Percent
<b>Private Sector Employment</b>	N/A	N/A	288,487	N/A	3,574,346	N/A
<b>Job Change, 2010-20</b>	N/A	N/A	30,532	11.8	441,295	14.1
<b>Job Change, 2002-20</b>	N/A	N/A	17,454	6.4	215,986	6.4
<b>Private Sector Jobs per Household***</b>	N/A		1.17		1.14	

Source: Illinois Department of Employment Security, Where Workers Work report (2020).

\*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 2015-2019 American Community Survey five-year estimates.

### Employment of Volo Residents\*, 2018

TOP INDUSTRY SECTORS	Count	Percent
1. Manufacturing	209	12.9
2. Retail Trade	187	11.6
3. Health Care	181	11.2
4. Education	170	10.5
5. Professional	152	9.4
TOP EMPLOYMENT LOCATIONS		
1. Chicago	160	9.9
2. Wauconda	70	4.3
3. Libertyville	64	4.0
4. Lake Zurich	53	3.3
5. Vernon Hills	51	3.2

### Employment in Volo\*, 2018

TOP INDUSTRY SECTORS	Count	Percent
1. Retail Trade	156	28.2
2. Accommodation and Food Service	68	12.3
3. Construction	62	11.2
4. Administration	61	11.0
5. Wholesale Trade	50	9.0
TOP RESIDENCE LOCATIONS		
1. Wauconda	34	6.1
2. Island Lake	23	4.2
3. Round Lake	23	4.2
4. Round Lake Beach	19	3.4
5. McHenry	17	3.1

Source: U.S. Census Bureau, Longitudinal Employer-Household Dynamics program (2018).

\*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 Volo.

### General Land Use, 2015

	Acres	Percent
Single-Family Residential	678.0	25.8
Multi-Family Residential	0.0	0.0
Commercial	187.8	7.2
Industrial	160.9	6.1
Institutional	53.3	2.0
Mixed Use	1.6	0.1
Transportation and Other	348.5	13.3
Agricultural	816.5	31.1
Open Space	128.7	4.9
Vacant	248.4	9.5
<b>TOTAL</b>	<b>2,623.8</b>	<b>100.0</b>

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

### Park Access, 2015

	Volo	Lake County	CMAP Region
Accessible Park Acreage per 1,000 Residents*	6.87	9.49	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\*, 2015

	Volo	Lake County	CMAP Region
High Walkability	0.0%	1.4%	40.5%
Moderate Walkability	0.0%	31.6%	23.8%
Low Walkability	100.0%	67.0%	35.8%

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

\*The CMAP Walkability Layer is based on several factors: the number of amenities within walking distance; population/employment density; bicycle/pedestrian crashes and fatalities; and physical characteristics (e.g., tree cover, block length). It does not currently account for the presence or absence of sidewalks. This table reports the share of residents plus jobs whose home and workplace locations, respectively, are within each Walkability Layer category.

## Revenue

The revenue tables include Volo revenues based on sales and current land use.

### General Merchandise Retail Sales, 2020

	Volo	Lake County	CMAP Region
General Merchandise	\$93,957,603	\$9,754,620,433	\$93,778,223,174
Total Retail Sales	\$103,775,463	\$11,935,965,091	\$122,031,206,863
Total Sales per Capita*	\$19,846	\$17,016	\$14,385

Source: Illinois Department of Revenue, 2020.

\*Per capita calculations based on population from 2015-2019 American Community Survey five-year estimates.

### Equalized Assessed Value, 2019

Residential	\$129,476,321
Commercial	\$23,582,755
Industrial	\$5,073,684
Railroad	\$0
Farm	\$1,255,622
Mineral	\$0
<b>TOTAL</b>	<b>\$159,388,382</b>

Sources: Illinois Department of Revenue, 2019.

## Change Over Time

The time series tables include comparisons of current 2015-2019 ACS estimates to historic year estimates from the 2000 Census and 2006-2010 ACS.

### Race and Ethnicity, Over Time

	2000 Percent	2006-2010 Percent	2015-2019 Percent
<b>White (Non-Hispanic)</b>	73.9	83.1	83.4
<b>Hispanic or Latino (of Any Race)</b>	23.3	7.0	13.9
<b>Black (Non-Hispanic)</b>	0.0	2.2	0.3
<b>Asian (Non-Hispanic)</b>	1.1	6.7	1.1
<b>Other/Multiple Races (Non-Hispanic)</b>	1.7	1.1	1.3

Source: 2000 Census; 2006-2010 and 2015-2019 American Community Survey five-year estimates.

Universe: Total population

### Age Cohorts, Over Time

	2000 Percent	2006-2010 Percent	2015-2019 Percent
<b>19 and Under</b>	24.4	19.9	35.3
<b>20 to 34</b>	26.7	42.2	19.6
<b>35 to 49</b>	19.4	18.1	28.8
<b>50 to 64</b>	17.8	10.8	9.8
<b>65 and Over</b>	11.7	9.0	6.6
<b>Median Age</b>	33.5	31.0	33.4

Source: 2000 Census; 2006-2010 and 2015-2019 American Community Survey five-year estimates.

Universe: Total population

### Educational Attainment\*, Over Time

	2000 Percent	2006-2010 Percent	2015-2019 Percent
<b>Less than High School Diploma</b>	35.6	5.1	4.5
<b>High School Diploma or Equivalent</b>	31.9	18.3	19.6
<b>Some College, No Degree</b>	15.6	20.6	23.0
<b>Associate's Degree</b>	11.1	10.0	9.8
<b>Bachelor's Degree</b>	5.9	29.4	30.6
<b>Graduate or Professional Degree</b>	0.0	16.6	12.5

Source: 2000 Census; 2006-2010 and 2015-2019 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* Percent	2015-2019 Percent
<b>Native</b>	87.6	88.7
<b>Foreign Born</b>	12.4	11.3

Source: 2006-2010 and 2015-2019 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 Percent	2015-2019 Percent
<b>English Only</b>	81.0	83.0
<b>Spanish</b>	6.2	5.1
<b>Slavic Languages</b>	2.6	8.7
<b>Chinese</b>	0.0	1.3
<b>Tagalog</b>	0.9	0.0
<b>Arabic</b>	0.0	0.0
<b>Korean</b>	0.0	0.0
<b>Other Asian Languages</b>	2.6	0.0
<b>Other Indo-European Languages</b>	6.8	0.7
<b>Other/Unspecified Languages</b>	0.0	1.2
<b>TOTAL NON-ENGLISH</b>	19.0	17.0
Speak English Less than "Very Well"*	3.9	7.5

Source: 2006-2010 and 2015-2019 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	2015-2019 Percent
<b>1-Person Household</b>	20.5	21.1
<b>2-Person Household</b>	45.1	27.6
<b>3-Person Household</b>	21.3	13.8
<b>4-or-More-Person Household</b>	13.1	37.5

Source: 2006-2010 and 2015-2019 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Type, Over Time

	2006-2010 Percent	2015-2019 Percent
<b>Family</b>	71.0	73.0
Single Parent with Child	7.1	12.4
<b>Non-Family</b>	29.0	27.0

Source: 2006-2010 and 2015-2019 American Community Survey five-year estimates.

Universe: Occupied housing units

Household Income, Over Time

	2006-2010 (2019 Dollars)	2015-2019 (2019 Dollars)
<b>Median Income</b>	\$97,913	\$92,500

Source: 2006-2010 and 2015-2019 American Community Survey five-year estimates.

Universe: Occupied housing units

Housing Occupancy and Tenure, Over Time

	2000 Percent	2006-2010 Percent	2015-2019 Percent
<b>Occupied Housing Units</b>	85.2	90.1	93.0
Owner-Occupied*	57.7	86.1	91.5
Renter-Occupied*	42.3	13.9	8.5
<b>Vacant Housing Units</b>	14.8	9.9	7.0

Source: 2000 Census; 2006-2010 and 2015-2019 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	2015-2019 Percent
<b>Less than \$20,000</b>	2.4	3.0
Less than 20 Percent	0.4	0.0
20 to 29 Percent	0.0	0.0
30 Percent or More	2.0	3.0
<b>\$20,000 to \$49,999</b>	12.3	8.9
Less than 20 Percent	2.5	0.8
20 to 29 Percent	0.3	0.7
30 Percent or More	9.5	7.4
<b>\$50,000 to \$74,999</b>	21.4	19.6
Less than 20 Percent	3.8	5.7
20 to 29 Percent	5.0	4.3
30 Percent or More	12.6	9.6
<b>\$75,000 or More</b>	62.0	68.5
Less than 20 Percent	23.9	31.1
20 to 29 Percent	29.3	23.3
30 Percent or More	8.8	14.1

Source: 2006-2010 and 2015-2019 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	2015-2019 Percent
Single Family, Detached	49.9	55.8
Single Family, Attached	45.9	36.4
2 Units	0.7	0.4
3 or 4 Units	0.8	2.9
5 or More Units	2.3	3.7
Mobile Home/Other*	0.5	0.8

Source: 2006-2010 and 2015-2019 American Community Survey five-year estimates.  
\*“Other” includes boats, recreational vehicles (RVs), vans, etc.

Universe: Housing units

Housing Size, Over Time

	2006-2010 Percent	2015-2019 Percent
0 or 1 Bedroom	1.6	2.2
2 Bedrooms	37.0	22.6
3 Bedrooms	38.4	41.8
4 Bedrooms	16.6	28.8
5 or More Bedrooms	6.4	4.5
Median Number of Rooms*	6.0	6.6

Source: 2006-2010 and 2015-2019 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	2015-2019 Percent
Built 2000 or Later	86.0	93.8
Built 1970 to 1999	2.4	4.4
Built 1940 to 1969	7.9	0.0
Built Before 1940	3.7	1.8
Median Year Built	2005	2007

Source: 2006-2010 and 2015-2019 American Community Survey five-year estimates.

Universe: Housing units



Vehicles Available per Household, Over Time

	2006-2010 Percent	2015-2019 Percent
No Vehicle Available	1.5	3.5
1 Vehicle Available	32.9	18.8
2 Vehicles Available	53.7	59.8
3 or More Vehicles Available	11.9	17.9

Source: 2006-2010 and 2015-2019 American Community Survey five-year estimates.

Universe: Occupied housing units

Mode of Travel to Work, Over Time

	2006-2010 Percent	2015-2019 Percent
Work at Home*	6.0	4.8
Drive Alone	81.5	90.0
Carpool	8.3	3.5
Transit	1.9	0.8
Walk or Bike	2.1	0.8
Other	0.3	0.0
<b>TOTAL COMMUTERS</b>	<b>94.0</b>	<b>95.2</b>
<b>Mean Commute Time (Minutes)</b>	<b>37.3</b>	<b>34.7</b>

Source: 2006-2010 and 2015-2019 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	2015-2019 Percent
<b>In Labor Force</b>	<b>83.3</b>	<b>78.9</b>
Employed <sup>†*</sup>	96.0	97.5
Unemployed*	4.0	2.5
<b>Not in Labor Force</b>	<b>16.7</b>	<b>21.1</b>

Source: 2006-2010 and 2015-2019 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 Volo\*

**Primary Water Source:** Sandstone Groundwater\*\*

	2003 MGD***	2013 MGD***	Percent Change
<b>Total Water Withdrawals****</b>	0.00	0.27	44,592.8
Residential Sector	0.00	0.23	N/A
Non-Residential Sector	0.00	0.05	7,509.2

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

	Volo			CMAP Region		
	2003	2013	Percent Change	2003	2013	Percent Change
<b>Residential* (GPCD**)</b>	0.0	61.8	N/A	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.

### Water and Wastewater Price Trends\*

REAL PRICE PER 1,000 GALLONS	2008 (2018 Dollars)	2018 (2018 Dollars)	Percent Change	Annualized Percent Change
<b>Drinking Water</b>	N/A	\$6.50	N/A	N/A
<b>Sewer</b>	N/A	\$6.86	N/A	N/A
<b>Combined** (if Applicable)</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 2008 prices were adjusted for inflation using the U.S. Bureau of Labor Statistics' Consumer Price Index for the Chicago-Naperville-Elgin region.

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

**Water Loss\***

Reporting utility: Volo

	<b>2017</b>
<b>Nonrevenue Water (Millions of Gallons per Day)**</b>	0.03
<b>Annual Cost of Nonrevenue Water</b>	\$10,195
<b>Percent of Nonrevenue Water to Water Supplied***</b>	9.5

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	Volo	CMAP Region		Source
		Current	Current	2050 Target	
Community	Population located in highly walkable areas	0.0%	41.5%	45.2%	CMAP, 2015
	Jobs located in highly walkable areas	0.0%	38.2%	45.2%	CMAP, 2015
Prosperity	Population aged 25+ with an associate’s degree or higher	53.0%	46.6%	64.9%	ACS, 2015-2019
	Workforce participation rate among population aged 20-64	87.6%	80.8%	83.4%	ACS, 2015-2019
Environment	Population with park access of 4+ acres per 1,000 residents	46.6%	41.8%	65.0%	CMAP, 2015
	Population with park access of 10+ acres per 1,000 residents	18.7%	16.3%	40.0%	CMAP, 2015
	Impervious acres per household	0.20	0.18	0.15	USGS NLCD, 2016
	Daily residential water demand per capita (gallons)	61.8	87.5	65.2	ISWS IWIP, 2013
Governance	State revenue disbursement per capita	\$335.82	\$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	10.0%	30.3%	37.3%	ACS, 2015-2019

\*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.