

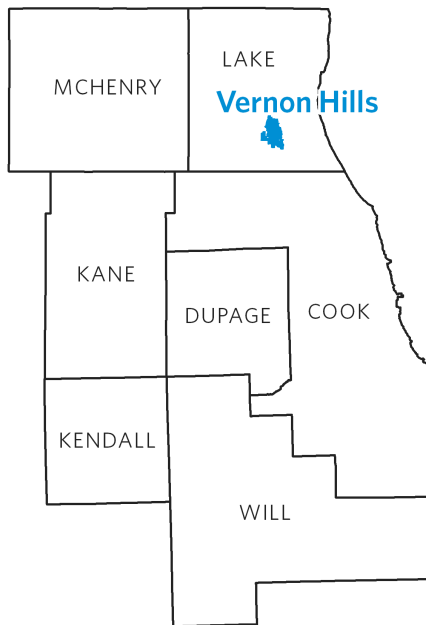


Vernon Hills

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 Vernon Hills, 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 Vernon Hills.

General Population Characteristics, 2020

	Vernon Hills	Lake County	CMAP Region
Total Population	26,850	714,342	8,577,735
Total Households	10,346	253,386	3,266,741
Average Household Size	2.6	2.7	2.6
Percent Population Change, 2010-20	6.9	1.5	1.7
Percent Population Change, 2000-20	33.4	10.9	5.3

Source: 2000, 2010 and 2020 Census.

Race and Ethnicity, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
White (Non-Hispanic)	15,450	57.8	428,289	59.9	4,289,683	50.1
Hispanic or Latino (of Any Race)	3,323	12.4	159,640	22.3	2,005,239	23.4
Black (Non-Hispanic)	406	1.5	46,346	6.5	1,402,691	16.4
Asian (Non-Hispanic)	6,506	24.3	58,331	8.2	636,825	7.4
Other/Multiple Races (Non-Hispanic)	1,038	3.9	21,878	3.1	236,095	2.8

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

Universe: Total population

Age Cohorts, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Under 5	1,199	4.5	39,917	5.6	502,928	5.9
5 to 19	6,357	23.8	154,954	21.7	1,662,052	19.4
20 to 34	3,596	13.5	129,356	18.1	1,774,853	20.7
35 to 49	6,167	23.1	138,658	19.4	1,724,098	20.1
50 to 64	5,342	20.0	148,709	20.8	1,659,323	19.4
65 to 74	2,258	8.4	62,704	8.8	746,030	8.7
75 to 84	1,090	4.1	27,445	3.8	347,665	4.1
85 and Over	714	2.7	12,741	1.8	153,584	1.8
Median Age	40.5		38.5		37.9	

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

Universe: Total population

Educational Attainment*, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Less than High School Diploma	1,000	5.5	43,130	9.2	630,588	10.8
High School Diploma or Equivalent	2,066	11.4	94,568	20.1	1,303,071	22.2
Some College, No Degree	2,402	13.2	83,838	17.9	1,090,002	18.6
Associate's Degree	1,199	6.6	30,472	6.5	418,936	7.1
Bachelor's Degree	6,198	34.2	126,816	27.0	1,443,539	24.6
Graduate or Professional Degree	5,267	29.0	90,635	19.3	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

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Native	18,274	68.4	581,208	81.3	6,938,399	81.0
Foreign Born	8,449	31.6	133,276	18.7	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

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
English Only	14,944	58.5	477,010	70.7	5,533,398	68.6
Spanish	2,516	9.9	117,740	17.5	1,479,334	18.3
Slavic Languages	2,317	9.1	19,613	2.9	289,350	3.6
Chinese	1,093	4.3	7,894	1.2	90,587	1.1
Tagalog	279	1.1	6,761	1.0	73,710	0.9
Arabic	67	0.3	1,706	0.3	63,720	0.8
Korean	963	3.8	5,007	0.7	37,671	0.5
Other Asian Languages	1,285	5.0	11,445	1.7	113,684	1.4
Other Indo-European Languages	1,982	7.8	24,626	3.7	328,784	4.1
Other/Unspecified Languages	78	0.3	2,765	0.4	57,367	0.7
TOTAL NON-ENGLISH	10,580	41.5	197,557	29.3	2,534,207	31.4
Speak English Less than "Very Well"*	3,090	12.1	65,001	9.6	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

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
1-Person Household	2,524	24.7	58,195	23.0	948,087	29.4
2-Person Household	3,384	33.2	83,739	33.1	993,509	30.8
3-Person Household	1,607	15.8	41,705	16.5	503,236	15.6
4-or-More-Person Household	2,684	26.3	69,092	27.3	775,919	24.1

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

Universe: Occupied housing units

Household Type, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Family	7,221	70.8	182,704	72.3	2,062,968	64.1
Single Parent with Child	765	7.5	19,068	7.5	257,853	8.0
Non-Family	2,978	29.2	70,027	27.7	1,157,783	35.9

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

Universe: Occupied housing units

Household Income, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Less than \$25,000	862	8.5	28,546	11.3	486,172	15.1
\$25,000 to \$49,999	1,340	13.1	35,725	14.1	532,670	16.5
\$50,000 to \$74,999	1,091	10.7	34,553	13.7	491,960	15.3
\$75,000 to \$99,999	1,430	14.0	30,814	12.2	407,959	12.7
\$100,000 to \$149,999	1,974	19.4	47,055	18.6	575,992	17.9
\$150,000 and Over	3,502	34.3	76,038	30.1	725,998	22.5
Median Income	\$107,938		\$97,127		\$81,102	
Per Capita Income*	\$53,484		\$49,440		\$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

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
One or More Computing Devices	9,815	96.2	241,664	95.6	3,019,317	93.7
Smartphone(s) Only	297	2.9	14,179	5.6	240,075	7.5
No Computing Devices	384	3.8	11,067	4.4	201,434	6.3
Internet Access	9,752	95.6	237,827	94.1	2,935,545	91.1
Broadband Subscription	9,534	93.5	233,300	92.3	2,855,152	88.6
No Internet Access	447	4.4	14,904	5.9	285,206	8.9

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

Universe: Occupied housing units

Housing Occupancy and Tenure, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Occupied Housing Units	10,199	92.5	252,731	94.1	3,220,751	92.3
Owner-Occupied*	6,908	67.7	186,542	73.8	2,075,416	64.4
Renter-Occupied*	3,291	32.3	66,189	26.2	1,145,335	35.6
Vacant Housing Units	830	7.5	15,777	5.9	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

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Less than \$20,000	621	6.3	17,930	7.2	315,268	10.1
Less than 20 Percent	0	0.0	624	0.3	7,772	0.2
20 to 29 Percent	33	0.3	1,130	0.5	22,358	0.7
30 Percent or More	588	6.0	16,176	6.5	285,138	9.1
\$20,000 to \$49,999	1,317	13.3	42,123	17.0	632,790	20.2
Less than 20 Percent	57	0.6	4,399	1.8	69,735	2.2
20 to 29 Percent	157	1.6	8,173	3.3	123,043	3.9
30 Percent or More	1,103	11.2	29,551	11.9	440,012	14.0
\$50,000 to \$74,999	1,049	10.6	34,110	13.8	486,707	15.5
Less than 20 Percent	218	2.2	9,517	3.8	139,609	4.5
20 to 29 Percent	379	3.8	12,656	5.1	171,702	5.5
30 Percent or More	452	4.6	11,937	4.8	175,396	5.6
\$75,000 or More	6,895	69.8	153,297	61.9	1,701,200	54.2
Less than 20 Percent	4,544	46.0	103,715	41.9	1,134,826	36.2
20 to 29 Percent	1,568	15.9	34,961	14.1	422,329	13.5
30 Percent or More	783	7.9	14,621	5.9	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	41	51
Transportation Costs	21	23
TOTAL H+T COSTS	62	74

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 Vernon Hills.

Housing Type, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Single Family, Detached	4,199	38.1	179,154	66.7	1,745,022	50.0
Single Family, Attached	2,845	25.8	27,293	10.2	259,184	7.4
2 Units	0	0.0	7,056	2.6	239,727	6.9
3 or 4 Units	1,172	10.6	8,495	3.2	274,341	7.9
5 to 9 Units	750	6.8	9,693	3.6	270,594	7.8
10 to 19 Units	349	3.2	12,074	4.5	155,969	4.5
20 or More Units	1,690	15.3	20,154	7.5	513,327	14.7
Mobile Home/Other*	24	0.2	4,589	1.7	29,598	0.8

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

Universe: Housing units

Housing Size, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
0 or 1 Bedroom	1,258	11.4	23,819	8.9	566,228	16.2
2 Bedrooms	3,347	30.3	63,626	23.7	973,190	27.9
3 Bedrooms	3,553	32.2	91,059	33.9	1,156,700	33.2
4 Bedrooms	2,446	22.2	70,350	26.2	612,171	17.6
5 or More Bedrooms	425	3.9	19,654	7.3	179,473	5.1
Median Number of Rooms*	5.8		6.3		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

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Built 2000 or Later	3,371	30.6	48,510	18.1	509,505	14.6
Built 1970 to 1999	7,107	64.4	133,264	49.6	1,189,334	34.1
Built 1940 to 1969	477	4.3	62,896	23.4	1,048,502	30.1
Built Before 1940	74	0.7	23,838	8.9	740,421	21.2
Median Year Built	1990		1981		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 Vernon Hills.

Vehicles Available per Household, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
No Vehicle Available	757	7.4	12,524	5.0	405,467	12.6
1 Vehicle Available	3,138	30.8	70,262	27.8	1,152,274	35.8
2 Vehicles Available	4,788	46.9	110,695	43.8	1,119,802	34.8
3 or More Vehicles Available	1,516	14.9	59,250	23.4	543,208	16.9

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

Universe: Occupied housing units

Mode of Travel to Work, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
Work at Home*	2,724	20.1	45,081	12.6	486,188	11.5
Drive Alone	9,091	67.2	258,310	72.1	2,743,345	64.9
Carpool	906	6.7	29,443	8.2	321,231	7.6
Transit	490	3.6	13,453	3.8	465,784	11.0
Walk or Bike	256	1.9	8,012	2.2	151,257	3.6
Other	62	0.5	4,026	1.1	62,008	1.5
TOTAL COMMUTERS	10,805	79.9	313,244	87.4	3,743,625	88.5
Mean Commute Time (Minutes)	28.2		29.7		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

	Vernon Hills	Lake County	CMAP Region
Average Vehicle Miles Traveled per Year	16,960	19,459	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

	Vernon Hills	Lake County	CMAP Region
High Transit Availability	0.0%	13.1%	53.9%
Moderate Transit Availability	31.9%	34.9%	20.6%
Low Transit Availability	68.1%	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 Vernon Hills.

Employment Status, 2017-2021

	Vernon Hills		Lake County		CMAP Region	
	Count	Percent	Count	Percent	Count	Percent
In Labor Force	14,402	68.8	386,409	68.4	4,614,158	67.3
Employed†*	13,815	95.9	355,739	92.1	4,306,443	93.3
Unemployed*	506	3.5	20,605	5.3	295,199	6.4
Not in Labor Force	6,516	31.2	178,248	31.6	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

	Vernon Hills		Lake County		6-County Region**	
	Count	Percent	Count	Percent	Count	Percent
Private Sector Employment	20,790	N/A	279,856	N/A	3,497,215	N/A
Job Change, 2012-22	4,009	23.9	7,020	2.6	235,962	7.2
Job Change, 2002-22	2,155	11.6	8,823	3.3	138,855	4.1
Private Sector Jobs per Household***	2.04		1.11		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 Vernon Hills Residents*, 2019

TOP INDUSTRY SECTORS	Count	Percent
1. Manufacturing	1,654	13.3
2. Professional	1,416	11.3
3. Health Care	1,372	11.0
4. Retail Trade	1,180	9.5
5. Education	1,093	8.8
TOP EMPLOYMENT LOCATIONS		
1. Chicago	1,835	14.7
2. Vernon Hills	894	7.2
3. Lincolnshire	469	3.8
4. Libertyville	466	3.7
5. Schaumburg	396	3.2

Employment in Vernon Hills*, 2019

TOP INDUSTRY SECTORS	Count	Percent
1. Retail Trade	7,632	36.5
2. Wholesale Trade	2,336	11.2
3. Manufacturing	1,906	9.1
4. Health Care	1,544	7.4
5. Accommodation and Food Service	1,489	7.1
TOP RESIDENCE LOCATIONS		
1. Chicago	2,220	10.6
2. Vernon Hills	894	4.3
3. Mundelein	818	3.9
4. Waukegan	813	3.9
5. Libertyville	468	2.2

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 Vernon Hills.

General Land Use, 2018

	Acres	Percent
Single-Family Residential	1,387.1	27.3
Multi-Family Residential	132.4	2.6
Commercial	824.3	16.2
Industrial	370.2	7.3
Institutional	182.3	3.6
Mixed Use	11.0	0.2
Transportation and Other	910.1	17.9
Agricultural	91.1	1.8
Open Space	895.1	17.6
Vacant	281.3	5.5
TOTAL	5,084.8	100.0

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

Park Access, 2015

	Vernon Hills	Lake County	CMAP Region
Accessible Park Acreage per 1,000 Residents*	19.90	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*, 2018

	Vernon Hills	Lake County	CMAP Region
High Walkability	0.0%	5.1%	44.7%
Moderate Walkability	54.1%	28.1%	24.8%
Low Walkability	45.9%	66.8%	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 Vernon Hills.

General Merchandise Retail Sales, 2022

	Vernon Hills	Lake County	CMAP Region
General Merchandise	\$1,774,012,661	\$13,737,052,234	\$137,918,287,566
Total Retail Sales	\$1,979,776,411	\$16,333,189,023	\$168,382,810,939
Total Sales per Capita*	\$74,085	\$22,860	\$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	\$884,004,944
Commercial	\$388,019,398
Industrial	\$704,254
Railroad	\$172,184
Farm	\$186,923
Mineral	\$0
TOTAL	\$1,273,087,703

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)	78.0	70.1	57.8
Hispanic or Latino (of Any Race)	7.2	10.5	12.4
Black (Non-Hispanic)	1.7	0.7	1.5
Asian (Non-Hispanic)	11.6	17.8	24.3
Other/Multiple Races (Non-Hispanic)	1.5	0.9	3.9

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	31.0	28.9	28.3
20 to 34	20.4	16.4	13.5
35 to 49	29.8	26.8	23.1
50 to 64	12.7	19.2	20.0
65 and Over	6.1	8.6	15.2
Median Age	34.3	37.7	40.5

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	6.0	5.7	5.5
High School Diploma or Equivalent	14.4	14.7	11.4
Some College, No Degree	18.7	15.0	13.2
Associate's Degree	6.6	6.6	6.6
Bachelor's Degree	35.8	35.5	34.2
Graduate or Professional Degree	18.5	22.5	29.0

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	73.2	68.4
Foreign Born	26.8	31.6

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	63.4	58.5
Spanish	8.2	9.9
Slavic Languages	9.1	9.1
Chinese	4.1	4.3
Tagalog	0.7	1.1
Arabic	1.2	0.3
Korean	5.7	3.8
Other Asian Languages	2.0	5.0
Other Indo-European Languages	5.3	7.8
Other/Unspecified Languages	0.4	0.3
TOTAL NON-ENGLISH	36.6	41.5
Speak English Less than "Very Well"*	11.0	12.1

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	25.0	24.7
2-Person Household	26.0	33.2
3-Person Household	19.6	15.8
4-or-More-Person Household	29.4	26.3

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	71.5	70.8
Single Parent with Child	5.0	7.5
Non-Family	28.5	29.2

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	\$108,780	\$107,938

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	96.9	94.6	92.5
Owner-Occupied*	79.8	74.5	67.7
Renter-Occupied*	20.2	25.5	32.3
Vacant Housing Units	3.1	5.4	7.5

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	5.6	6.3
Less than 20 Percent	0.1	0.0
20 to 29 Percent	0.3	0.3
30 Percent or More	5.2	6.0
\$20,000 to \$49,999	21.5	13.3
Less than 20 Percent	1.1	0.6
20 to 29 Percent	3.9	1.6
30 Percent or More	16.5	11.2
\$50,000 to \$74,999	13.7	10.6
Less than 20 Percent	1.5	2.2
20 to 29 Percent	4.1	3.8
30 Percent or More	8.1	4.6
\$75,000 or More	58.4	69.8
Less than 20 Percent	28.3	46.0
20 to 29 Percent	18.3	15.9
30 Percent or More	11.8	7.9

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	44.9	38.1
Single Family, Attached	26.5	25.8
2 Units	0.1	0.0
3 or 4 Units	5.1	10.6
5 or More Units	23.4	25.3
Mobile Home/Other*	0.1	0.2

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	9.6	11.4
2 Bedrooms	31.6	30.3
3 Bedrooms	26.0	32.2
4 Bedrooms	29.5	22.2
5 or More Bedrooms	3.3	3.9
Median Number of Rooms*	6.0	5.8

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	18.9	30.6
Built 1970 to 1999	76.6	64.4
Built 1940 to 1969	4.2	4.3
Built Before 1940	0.3	0.7
Median Year Built	1986	1990

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	7.8	7.4
1 Vehicle Available	27.3	30.8
2 Vehicles Available	50.2	46.9
3 or More Vehicles Available	14.6	14.9

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*	5.9	20.1
Drive Alone	79.5	67.2
Carpool	7.9	6.7
Transit	4.3	3.6
Walk or Bike	0.8	1.9
Other	1.6	0.5
TOTAL COMMUTERS	94.1	79.9
Mean Commute Time (Minutes)	28.7	28.2

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	74.5	68.8
Employed ^{†*}	93.6	95.9
Unemployed*	6.4	3.5
Not in Labor Force	25.5	31.2

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

CMAAP 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. CMAAP'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 Vernon Hills*

Primary Water Source: Lake Michigan**

	2003 MGD***	2013 MGD***	Percent Change
Total Water Withdrawals****	2.99	2.71	-9.4
Residential Sector	2.89	2.60	-10.1
Non-Residential Sector	0.10	0.11	8.5

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

	Vernon Hills			CMAAP Region		
	2003	2013	Percent Change	2003	2013	Percent Change
Residential* (GPCD**)	131.5	101.5	-22.8	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	\$33.14	\$20.94	-36.8	-7.4
Sewer	\$25.52	\$29.16	14.2	2.2
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: Vernon Hills

	2017
Nonrevenue Water (Millions of Gallons per Day)**	0.16
Annual Cost of Nonrevenue Water	\$257,308
Percent of Nonrevenue Water to Water Supplied***	6.5

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 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	Vernon Hills	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	69.8%	48.4%	64.9%	ACS, 2017-2021
	Workforce participation rate among population aged 20-64	83.3%	81.2%	83.4%	ACS, 2017-2021
Environment	Population with park access of 4+ acres per 1,000 residents	88.5%	41.8%	65.0%	CMAP, 2015
	Population with park access of 10+ acres per 1,000 residents	79.1%	16.3%	40.0%	CMAP, 2015
	Impervious acres per household	0.24	0.19	0.17	USGS NLCD, 2019
	Daily residential water demand per capita (gallons)	101.5	87.5	65.2	ISWS IWIP, 2013
Governance	State revenue disbursement per capita	\$778.85	\$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	0.0%	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	32.3%	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.