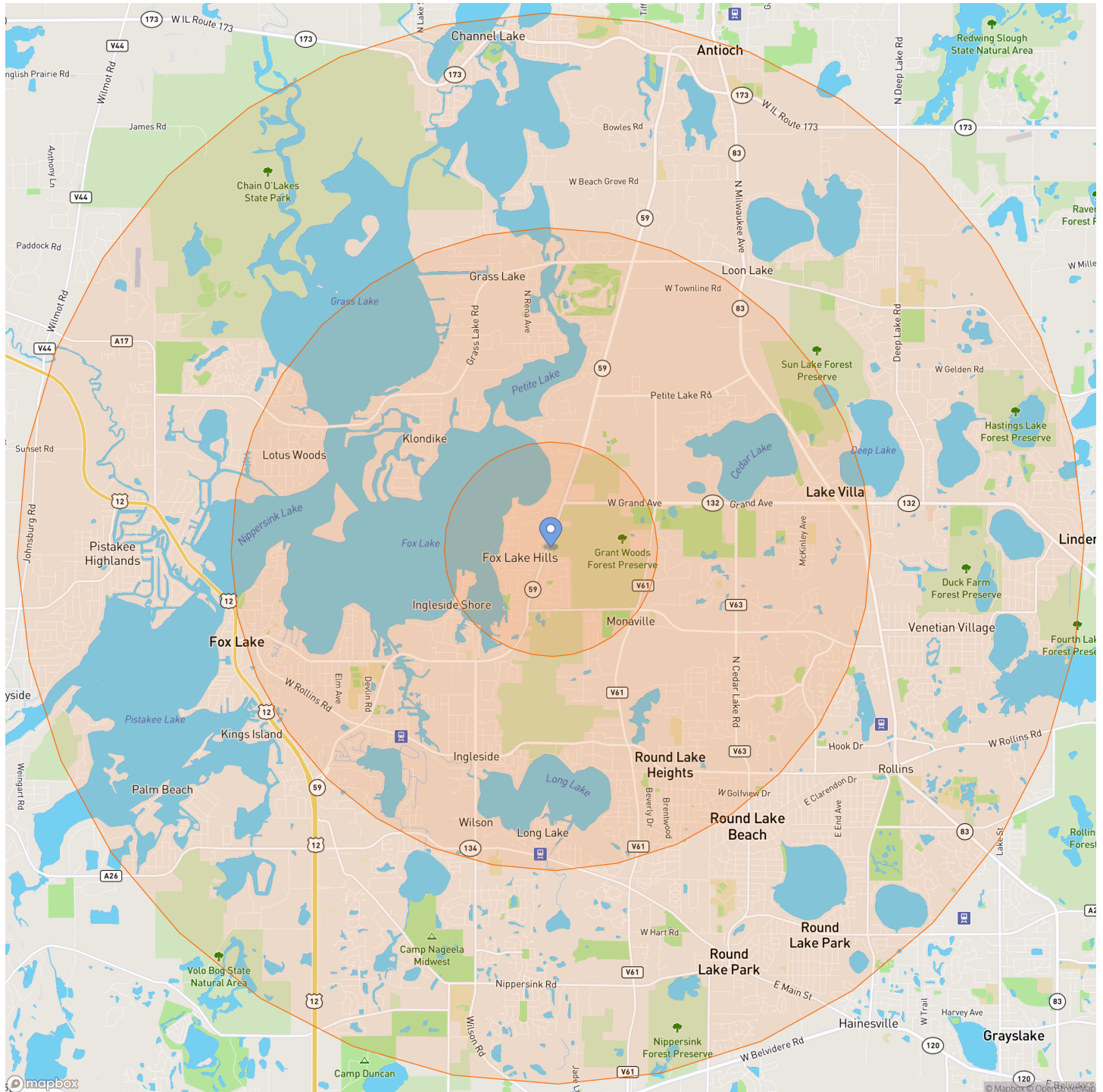


RADIUS REPORT FOR 1, 3, and 5 miles around 37575 N IL Route 59, Lake Villa, IL 60046

PREPARED FOR: Robert Frank
DATE: August 07, 2024

MAP



1, 3, and 5 miles around 37575 N IL Route 59, Lake Villa, IL 60046

CITY
Fox Lake Hills CDP, Illinois

COUNTY
Lake County, Illinois

How many people live here?

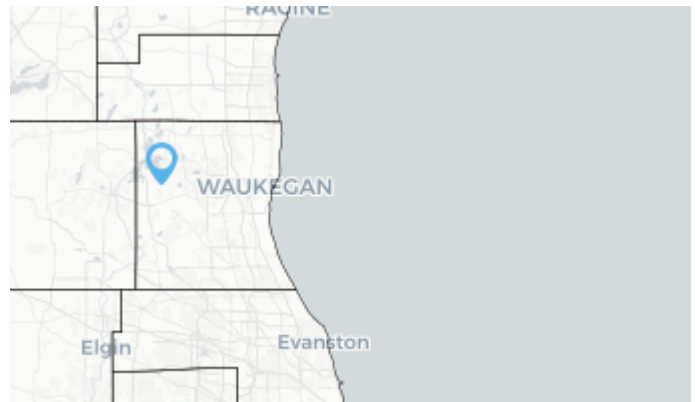
1 MI	3 MI	5 MI
4K	41K	110K
CITY: 2K	COUNTY: 713K	

How much money do they make?

1 MI	3 MI	5 MI
\$103K	\$90K	\$91K
CITY: \$101K	COUNTY: \$105K	
<i>median household income</i>		

How old are they?

1 MI	3 MI	5 MI
39	37	38
CITY: 43	COUNTY: 39	
<i>median age in years</i>		



DEMOGRAPHICS

Population

	1 mile	3 miles	5 miles
Population	4,433	40,921	109,778
Population Density (people per sq mi)	1,937	1,930	1,772

Source: U.S. Census Bureau, 2022 American Community Survey, Tables B01003

Income

	1 mile		3 miles		5 miles	
Median Household Income (in 2022 inflation adjusted dollars)	\$103,327		\$89,513		\$91,374	
Mean Household Income (in 2022 inflation adjusted dollars)	\$123,142		\$109,674		\$109,008	
Families in Poverty	43	4%	588	6%	1,925	7%
Households	1,501		14,442		39,029	
Less than \$25,000	65	4%	1,634	11%	4,447	11%
\$25,000 to \$49,999	201	13%	2,002	14%	5,652	14%
\$50,000 to \$74,999	191	13%	2,530	18%	6,020	15%
\$75,000 to \$99,999	268	18%	1,818	13%	5,183	13%
\$100,000 to \$199,999	592	39%	4,963	34%	13,729	35%
\$200,000 or more	183	12%	1,495	10%	3,998	10%

Source: U.S. Census Bureau, 2022 American Community Survey, Tables B19001, B19013, B19025, B17010

Age

	1 mile		3 miles		5 miles	
Median Age	39		37		38	
Population	4,433		40,921		109,778	
9 & under	576	13%	4,470	11%	13,124	12%
10 to 19	755	17%	7,109	17%	16,740	15%
20 to 29	448	10%	5,617	14%	14,927	14%
30 to 39	522	12%	4,646	11%	13,624	12%
40 to 49	712	16%	5,216	13%	14,165	13%
50 to 59	572	13%	5,967	15%	16,892	15%
60 to 69	481	11%	4,516	11%	11,057	10%
70 & over	368	8%	3,381	8%	9,250	8%

Source: U.S. Census Bureau, 2022 American Community Survey, Tables B01001

Race & Ethnicity

	1 mile		3 miles		5 miles	
Population	4,433		40,921		109,778	
White	2,940	66%	24,287	59%	67,461	61%
Black	150	3%	1,856	5%	3,995	4%
American Indian	0	0%	46	0%	111	0%
Asian	164	4%	1,140	3%	3,148	3%
Pacific Islander	0	0%	15	0%	22	0%
Other race	0	0%	162	0%	438	0%
Two or more races	159	4%	1,014	2%	2,809	3%
Hispanic	1,020	23%	12,401	30%	31,794	29%

Source: U.S. Census Bureau, 2022 American Community Survey, Tables B03002

Educational Attainment

	1 mile		3 miles		5 miles	
Population 25 years & Over	2,832		26,832		72,366	
No high school diploma	181	6%	3,586	13%	9,046	13%
High school graduate or equal	1,018	36%	8,929	33%	21,705	30%
Some college	656	23%	5,936	22%	16,234	22%
Associate's degree	217	8%	1,784	7%	5,811	8%
Bachelor's degree	530	19%	4,460	17%	13,232	18%
Masters, doctorate, professional	230	8%	2,137	8%	6,338	9%

Source: U.S. Census Bureau, 2022 American Community Survey, Tables B15002

Employment Status

	1 mile		3 miles		5 miles	
Population 16 years & Over	3,322		32,152		86,255	
In labor force	2,326	70%	22,609	70%	60,670	70%
Civilian labor force	2,325	70%	22,595	70%	60,479	70%
Employed	2,186	66%	21,166	66%	56,575	66%
Unemployed	139	4%	1,429	4%	3,904	5%
In armed forces	1	0%	14	0%	192	0%
Not in labor force	996	30%	9,542	30%	25,584	30%

Source: U.S. Census Bureau, 2022 American Community Survey, Tables B23025

Households

	1 mile		3 miles		5 miles	
Households	1,501		14,442		39,029	
Family households	1,141	76%	10,049	70%	27,633	71%
Married couple family	907	60%	7,303	51%	21,060	54%
With own children under 18	387	26%	3,052	21%	8,636	22%
Other family	234	16%	2,747	19%	6,574	17%
Single male householder with own children under 18	24	2%	435	3%	1,113	3%
Single female householder with own children under 18	90	6%	982	7%	2,446	6%
Nonfamily households	360	24%	4,392	30%	11,396	29%

Source: U.S. Census Bureau, 2022 American Community Survey, Tables B11001, B11003

Housing Units

	1 mile		3 miles		5 miles	
Housing Units	1,567		15,704		42,272	
Occupied Housing Units	1,501		14,442		39,029	
Owner occupied units	1,346	90%	11,391	79%	30,616	78%
Renter occupied units	155	10%	3,051	21%	8,413	22%

Source: U.S. Census Bureau, 2022 American Community Survey, Tables B25024, B25003

Housing Unit Value

	1 mile		3 miles		5 miles	
Median Home Value	\$234,782		\$216,124		\$219,588	
Owner Occupied Housing Units	1,346		11,391		30,616	
Less than \$100,000	13	1%	663	6%	2,068	7%
\$100,000 to \$199,999	422	31%	4,371	38%	10,746	35%
\$200,000 to \$299,999	511	38%	3,720	33%	11,018	36%
\$300,000 to \$399,999	162	12%	1,420	12%	4,247	14%
\$400,000 to \$499,999	106	8%	687	6%	1,552	5%
\$500,000 to \$749,999	108	8%	407	4%	683	2%
\$750,000 to \$999,999	22	2%	97	1%	236	1%
\$1,000,000 to \$1,499,999	0	0%	18	0%	43	0%
\$1,500,000 to \$1,999,999	0	0%	0	0%	9	0%
\$2,000,000 or more	3	0%	8	0%	15	0%

Source: U.S. Census Bureau, 2022 American Community Survey, Tables B25075

Detailed Age

	1 mile		3 miles		5 miles	
Population	4,433		40,921		109,778	
Male:	2,236	50%	21,441	52%	56,349	51%
Under 5 years	149	3%	911	2%	3,033	3%
5 to 9 years	165	4%	1,362	3%	3,923	4%
10 to 14 years	248	6%	2,030	5%	4,375	4%
15 to 17 years	99	2%	1,259	3%	2,912	3%
18 and 19 years	19	0%	750	2%	1,589	1%
20 years	40	1%	351	1%	954	1%
21 years	9	0%	274	1%	715	1%
22 to 24 years	41	1%	717	2%	2,342	2%
25 to 29 years	119	3%	1,908	5%	4,246	4%
30 to 34 years	101	2%	1,037	3%	3,049	3%
35 to 39 years	169	4%	1,325	3%	3,939	4%
40 to 44 years	137	3%	1,191	3%	3,384	3%
45 to 49 years	193	4%	1,252	3%	3,650	3%
50 to 54 years	116	3%	1,395	3%	4,121	4%
55 to 59 years	219	5%	1,719	4%	4,389	4%
60 and 61 years	105	2%	816	2%	1,783	2%
62 to 64 years	53	1%	715	2%	1,647	2%
65 and 66 years	23	1%	404	1%	962	1%
67 to 69 years	59	1%	534	1%	1,413	1%
70 to 74 years	53	1%	673	2%	1,603	1%
75 to 79 years	95	2%	485	1%	1,382	1%
80 to 84 years	10	0%	204	0%	588	1%
85 years and over	13	0%	128	0%	351	0%
Female:	2,197	50%	19,479	48%	53,429	49%
Under 5 years	127	3%	1,239	3%	3,287	3%
5 to 9 years	135	3%	957	2%	2,880	3%
10 to 14 years	207	5%	1,532	4%	4,264	4%
15 to 17 years	70	2%	866	2%	2,106	2%
18 and 19 years	112	3%	673	2%	1,495	1%
20 years	13	0%	165	0%	527	0%
21 years	9	0%	210	1%	733	1%
22 to 24 years	159	4%	793	2%	2,277	2%
25 to 29 years	58	1%	1,199	3%	3,132	3%
30 to 34 years	128	3%	1,193	3%	3,086	3%
35 to 39 years	125	3%	1,091	3%	3,549	3%
40 to 44 years	172	4%	1,329	3%	3,315	3%
45 to 49 years	208	5%	1,443	4%	3,816	3%
50 to 54 years	113	3%	1,242	3%	4,009	4%
55 to 59 years	124	3%	1,610	4%	4,373	4%
60 and 61 years	56	1%	575	1%	1,317	1%
62 to 64 years	66	1%	672	2%	1,661	2%
65 and 66 years	52	1%	427	1%	973	1%
67 to 69 years	67	2%	373	1%	1,302	1%
70 to 74 years	98	2%	832	2%	2,134	2%
75 to 79 years	53	1%	365	1%	1,561	1%
80 to 84 years	17	0%	343	1%	876	1%
85 years and over	29	1%	350	1%	756	1%

Source: U.S. Census Bureau, 2022 American Community Survey, Tables B01001, B01003. The numbers in the above table may not total up due to rounding.

POPULATION PROJECTIONS

State and county population projections.

	2000	2010	2020	2030	% Population Change			% Population Change 2020-2030
					2000-2010	2010-2020	2020-2030	
Illinois	12,419,293	12,830,632	12,812,508	12,790,000				0%
Lake County	644,356	703,462	714,342	795,649				11%
McHenry County	260,077	308,760	310,229	385,815				24%

Source: Illinois Department of Public Health, Office of Policy, Planning and Statistics, Population Projections for Illinois Counties: 2010 to 2030. April 2021. U.S. Census Bureau, Decennial Censuses 2000, 2010, and 2020.

Methodology

RADIUS ESTIMATES

First, we subtract the 2022 US Census Bureau's water areas from the 2022 block groups. Then we calculate the project's radiuses, the block groups minus water areas that intersect the radiuses, and the percent of each block group's area that's in the radiuses (overlap). Next, the overlap percent is multiplied by the Census demographics for each block group. Finally, we sum the overlap times the demographics for all block groups that intersect a radius to produce the demographic estimate for the radius.

The benefits of this methodology are that it allows for:

1. the use of the **most current data** for small area geographies from the US Census Bureau;
2. the estimation of demographics for radius distances using dissimilar shaped Census block groups;
3. **data comparability** (because estimates for small radiuses and large radiuses use the same methodology, geographies and datasets); and
4. improved estimates along coastlines and large water bodies by removing water areas.

This methodology assumes that the **population is equally distributed** throughout a block group. This assumption can result in unlikely estimates for small radiuses (i.e. 1 mile) in rural areas with low population densities and thus, large geographic area block groups.

MEDIAN ESTIMATES

To estimate median values, we use a simple method explained in the book "Beginning Statistics: An Introduction for Social Scientists" by Diamond I and Jefferies J. Here's how it works:

1. We pull grouped data for your area of interest and order the groups from smallest to largest. This helps us see which group the middle value, or median, is in.
2. We figure out exactly where the middle value sits within its group. We look at how far into the group it is, as a percentage, starting from the bottom end.
3. Then, we check how big the gap is between the smallest and largest numbers in that group.
4. We use the percentage to find a part of that gap. This percentage tells us how much to add to the smallest number in the group to get the median.

If you have any questions, you can reach Cubit at 1.800.939.2130 or at www.cubitplanning.com.

CUBIT

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