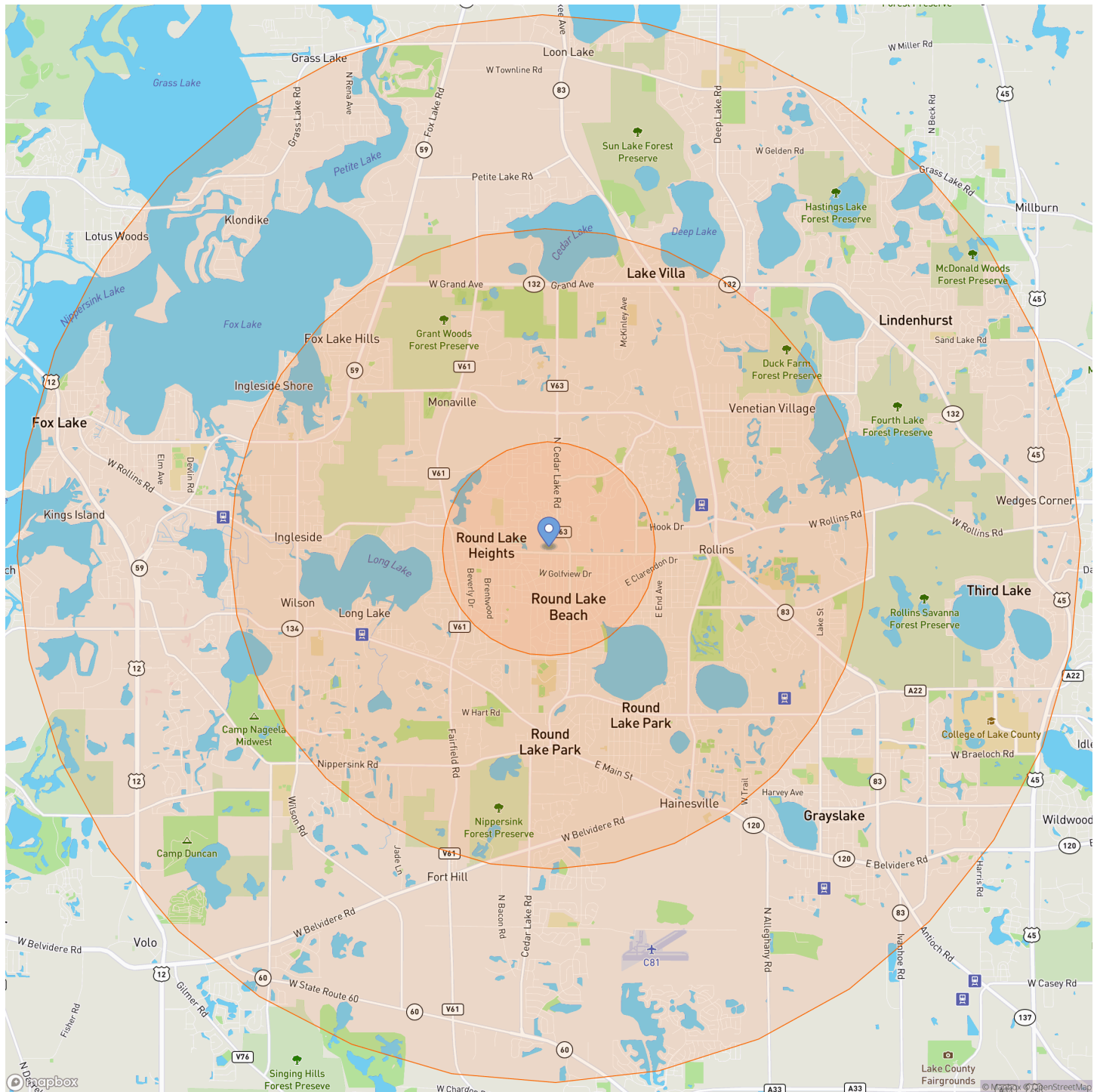RADIUS REPORT FOR

1, 3, and 5 miles around
Lot 3 Rollins Rd., Round Lake Beach, IL 60073

PREPARED FOR: Robert Frank

MAP

1, 3, and 5 miles around Lot 3 W. Rollins Rd., Round Lake Beach, IL 60073

	CITY	COUNTY
	Round Lake Beach village, Illinois	**Lake County, Illinois**

How many people live here?

1 MI	3 MI	5 MI
17K	73K	135K

CITY: **27K**   COUNTY: **713K**

How much money do they make?

1 MI	3 MI	5 MI
$74K	$94K	$97K

CITY: **$83K**   COUNTY: **$105K**

median household income

How old are they?

1 MI	3 MI	5 MI
32	35	37

CITY: **33**   COUNTY: **39**

median age in years

SOURCE: U.S. Census Bureau, 2022 American Community Survey, Tables B01001, B01002, B01003, and B19013.

DEMOGRAPHICS

Population

	1 mile	3 miles	5 miles
Population	16,764	72,988	135,002
Population Density (people per sq mi)	5,514	2,841	1,994

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)	$73,746		$93,770		$96,633	
Mean Household Income (in 2022 inflation adjusted dollars)	$95,431		$111,012		$115,506	
Families in Poverty	322	8%	1,269	7%	2,033	6%
Households	4,960		23,692		47,742	
Less than $25,000	544	11%	2,127	9%	4,937	10%
$25,000 to $49,999	946	19%	3,344	14%	6,681	14%
$50,000 to $74,999	1,034	21%	3,754	16%	6,904	14%
$75,000 to $99,999	709	14%	3,491	15%	6,181	13%
$100,000 to $199,999	1,434	29%	8,442	36%	16,702	35%
$200,000 or more	294	6%	2,534	11%	6,337	13%

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

Age

	1 mile		3 miles		5 miles	
Median Age	32		35		37	
Population	16,764		72,988		135,002	
9 & under	2,304	14%	9,466	13%	17,211	13%
10 to 19	2,951	18%	12,104	17%	20,084	15%
20 to 29	2,687	16%	10,522	14%	17,926	13%
30 to 39	2,461	15%	9,906	14%	18,076	13%
40 to 49	2,380	14%	10,185	14%	18,021	13%
50 to 59	1,821	11%	9,619	13%	19,240	14%
60 to 69	1,170	7%	6,314	9%	13,537	10%
70 & over	990	6%	4,871	7%	10,907	8%

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

Race & Ethnicity

	1 mile		3 miles		5 miles	
Population	16,764		72,988		135,002	
White	5,131	31%	36,705	50%	80,799	60%
Black	1,024	6%	3,415	5%	6,284	5%
American Indian	35	0%	73	0%	131	0%
Asian	202	1%	2,719	4%	6,836	5%
Pacific Islander	0	0%	52	0%	99	0%
Other race	130	1%	334	0%	535	0%
Two or more races	250	1%	1,800	2%	3,717	3%
Hispanic	9,992	60%	27,890	38%	36,603	27%

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

Educational Attainment

	1 mile		3 miles		5 miles	
Population 25 years & Over	10,202		45,746		88,512	
No high school diploma	2,909	29%	7,437	16%	9,716	11%
High school graduate or equal	3,479	34%	13,439	29%	22,591	26%
Some college	1,929	19%	9,413	21%	18,774	21%
Associate's degree	478	5%	3,166	7%	6,836	8%
Bachelor's degree	978	10%	8,062	18%	20,305	23%
Masters, doctorate, professional	429	4%	4,229	9%	10,290	12%

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

Employment Status

	1 mile		3 miles		5 miles	
Population 16 years & Over	12,675		55,918		105,316	
In labor force	8,966	71%	40,584	73%	75,319	72%
Civilian labor force	8,965	71%	40,445	72%	74,800	71%
Employed	8,424	66%	37,629	67%	70,241	67%
Unemployed	541	4%	2,816	5%	4,559	4%
In armed forces	1	0%	139	0%	519	0%
Not in labor force	3,710	29%	15,334	27%	29,997	28%

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

Households

	1 mile		3 miles		5 miles	
Households	4,960		23,692		47,742	
Family households	3,791	76%	17,991	76%	34,121	71%
Married couple family	2,618	53%	13,700	58%	26,873	56%
With own children under 18	1,207	24%	6,342	27%	11,992	25%
Other family	1,173	24%	4,291	18%	7,249	15%
Single male householder with own children under 18	228	5%	797	3%	1,198	3%
Single female householder with own children under 18	468	9%	1,706	7%	2,806	6%
Nonfamily households	1,170	24%	5,701	24%	13,621	29%

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

Housing Units

	1 mile		3 miles		5 miles	
Housing Units	5,300		24,874		50,581	
Occupied Housing Units	4,960		23,692		47,742	
Owner occupied units	3,830	77%	19,087	81%	37,477	78%
Renter occupied units	1,131	23%	4,604	19%	10,265	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	$161,149		$209,657		$230,172	
Owner Occupied Housing Units	3,830		19,087		37,477	
Less than $100,000	313	8%	1,541	8%	2,194	6%
$100,000 to $199,999	2,660	69%	7,256	38%	11,770	31%
$200,000 to $299,999	609	16%	6,653	35%	14,145	38%
$300,000 to $399,999	118	3%	2,482	13%	6,195	17%
$400,000 to $499,999	63	2%	725	4%	2,108	6%
$500,000 to $749,999	31	1%	255	1%	766	2%
$750,000 to $999,999	22	1%	143	1%	237	1%
$1,000,000 to $1,499,999	14	0%	15	0%	43	0%
$1,500,000 to $1,999,999	0	0%	9	0%	10	0%
$2,000,000 or more	1	0%	8	0%	9	0%

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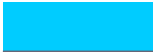
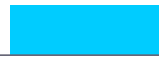# Detailed Age

	1 mile		3 miles		5 miles	
Population	16,764		72,988		135,002	
Male:	8,952	53%	38,013	52%	68,747	51%
Under 5 years	530	3%	2,218	3%	4,239	3%
5 to 9 years	784	5%	3,015	4%	4,817	4%
10 to 14 years	750	4%	3,060	4%	5,298	4%
15 to 17 years	570	3%	2,269	3%	3,595	3%
18 and 19 years	364	2%	1,144	2%	1,756	1%
20 years	159	1%	576	1%	1,017	1%
21 years	220	1%	625	1%	1,054	1%
22 to 24 years	402	2%	1,779	2%	2,802	2%
25 to 29 years	664	4%	2,731	4%	4,655	3%
30 to 34 years	570	3%	2,040	3%	4,128	3%
35 to 39 years	683	4%	3,015	4%	5,191	4%
40 to 44 years	597	4%	2,382	3%	4,295	3%
45 to 49 years	677	4%	2,646	4%	4,548	3%
50 to 54 years	519	3%	2,582	4%	4,942	4%
55 to 59 years	502	3%	2,526	3%	4,731	4%
60 and 61 years	133	1%	1,165	2%	2,135	2%
62 to 64 years	183	1%	956	1%	1,839	1%
65 and 66 years	142	1%	444	1%	1,182	1%
67 to 69 years	114	1%	758	1%	1,843	1%
70 to 74 years	174	1%	847	1%	2,103	2%
75 to 79 years	122	1%	664	1%	1,400	1%
80 to 84 years	78	0%	345	0%	665	0%
85 years and over	13	0%	227	0%	515	0%
Female:	7,811	47%	34,975	48%	66,255	49%
Under 5 years	592	4%	2,291	3%	4,023	3%
5 to 9 years	397	2%	1,942	3%	4,132	3%
10 to 14 years	693	4%	3,196	4%	5,059	4%
15 to 17 years	391	2%	1,498	2%	2,653	2%
18 and 19 years	182	1%	937	1%	1,724	1%
20 years	89	1%	406	1%	651	0%
21 years	86	1%	473	1%	804	1%
22 to 24 years	351	2%	1,814	2%	2,869	2%
25 to 29 years	715	4%	2,119	3%	4,075	3%
30 to 34 years	626	4%	2,290	3%	4,096	3%
35 to 39 years	583	3%	2,560	4%	4,661	3%
40 to 44 years	460	3%	2,441	3%	4,450	3%
45 to 49 years	646	4%	2,717	4%	4,728	4%
50 to 54 years	361	2%	2,324	3%	4,598	3%
55 to 59 years	439	3%	2,188	3%	4,970	4%
60 and 61 years	99	1%	738	1%	1,597	1%
62 to 64 years	286	2%	1,115	2%	2,088	2%
65 and 66 years	93	1%	493	1%	1,176	1%
67 to 69 years	120	1%	647	1%	1,679	1%
70 to 74 years	211	1%	1,059	1%	2,698	2%
75 to 79 years	131	1%	737	1%	1,669	1%
80 to 84 years	134	1%	593	1%	925	1%
85 years and over	126	1%	399	1%	931	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%

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.