

Chapter 2 Population

Significance

With the post World War II suburban expansion of the Chicago metropolitan area, Lake County's population has increased steadily. In 1950 the County's population was just over 179,000; by 2000 the County's population had increased to over 644,000. The diversity of Lake County's population is also increasing. During the 1980s Hispanic persons accounted for 23% of the County's population growth. During the 1990s Hispanic persons accounted for 40% of the County's population growth.

The County's population is projected to continue increasing through the 2020 horizon of this *Regional Framework Plan*. During this period the racial and ethnic diversity of the County will also continue to increase, particularly with respect to increasing Hispanic and Asian populations. Additional shifting demographic trends are anticipated, including a growing older-adult population.

Population trends are critical to most planning decisions. As population increases, so does the need for roads, water supply, sewer lines, storm water drainage, schools, and housing. Shifts in demographic trends also impact planning decisions such as the types of housing, schools, and public services that are required.

This chapter will evaluate trends and provide forecasts for total population and household growth trends in Lake County. It will also present trends related to the changing demographic characteristics of the population including age, race, ethnicity, and household income. Conclusions regarding demographic trends will be identified. The analysis contained in this component will provide an important basis for other *Plan* components including Chapter 5, Infrastructure and Services, Chapter 8, Housing, and Chapter 9, Land Use.

Issues and Opportunities

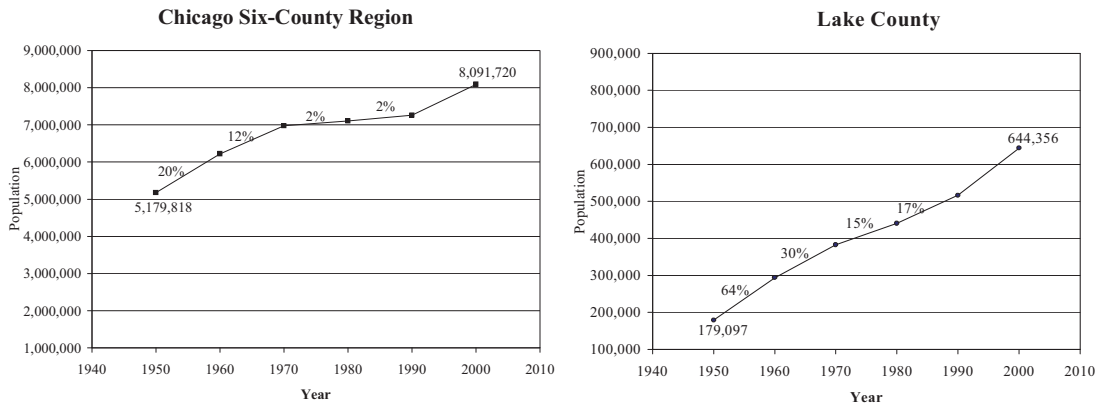
- The population of the County will continue to grow at a significant rate.
- Population growth and development impacts traffic, infrastructure, public services, open space, and environmental resources.
- Lack of coordination between neighboring communities results in the inability to manage population growth in a consistent manner.
- The characteristics of Lake County's population are changing, including increasing numbers of older adults and young families and increasing racial and ethnic diversity creating new housing, transportation, and public services needs.

Analysis

Population Trends

During the last 50 years, the Chicago Six-County Metropolitan area has experienced a net population growth of nearly 3 million residents from 5,179,818 in 1950 to 8,091,720 in 2000. As illustrated in Figure 2.1, the Chicago Six-County Metropolitan area grew rapidly in the 1950s and 1960s with a growth rate of 20% and 12% respectively. Growth slowed during 1970s and 1980s (only 2% for each of the decades), and accelerated again in the 1990s (11%).

**Figure 2.1
Population Trends 1950-2000**



During the same period, the population of Lake County grew from 179,097 in 1950 to 644,356 in 2000. The rate of population growth of Lake County has been much higher than that of the Chicago Six-County Region with 64% for the 1950s, 30% for the 1960s, 15% for the 1970s, 17% for the 1980s, and 25% for the 1990s. In terms of numerical change in population, Lake County experienced the largest population increase in the 1990s, followed by the 1950s with a net increase of 127,938 and 114,559 respectively, as shown in Figure 2.2.

Lake County’s population growth has occurred mostly within municipalities. Municipalities having a population increase of 5,000 or more for each of the last five decades are listed, in descending order, as follows:

- 1950s: Waukegan, North Chicago, Highland Park, Deerfield (Lake County part only), Mundelein
- 1960s: North Chicago, Waukegan, Deerfield (Lake County part only), Highland Park, Mundelein, Zion
- 1970s: Vernon Hills, Buffalo Grove (Lake County part only), Round Lake Beach
- 1980s: Buffalo Grove (Lake County part only), Lake Zurich, Gurnee, Vernon Hills
- 1990s: Waukegan, Gurnee, Grayslake, Mundelein, Round Lake Beach, Buffalo Grove (Lake County part only)

During the 1950s and 1960s, population growth occurred mostly in lakefront communities such as Waukegan, North Chicago, Highland Park and Deerfield. During the 1980s and 1990s, population growth moved north and west to communities such as Vernon Hills, Gurnee, Grayslake, Mundelein, Round Lake Beach, and Buffalo Grove.

During the 1990s, nearly all Lake County municipalities (47 out of 52) gained population. Only four lost population and one remained constant (the Lake County part of Wheeling). Waukegan represented the largest population increase with a net gain of 18,509, followed by Gurnee and Grayslake with population increases of 15,133 and 11,118 respectively. Officials from several communities, including the cities of Park City and North Chicago, report that the 2000 Census under-counted their population.

Also shown in Figure 2.2 are the population changes in the unincorporated townships. From 1950 to 2000, the total population of unincorporated areas of Lake County grew from 62,712 to 83,916, a net gain of 21,205 or 33.8%. Eleven of the 18 townships increased their population in the unincorporated areas, while six lost population and one (Zion Township) remained zero population. The changes in population in the unincorporated townships show a clear geographic pattern. Townships located in the eastern part of the County along Lake Michigan lost population; while townships located in the central and western parts of the County gained population. Population loss in the unincorporated townships was caused mostly by annexation and the incorporation of new communities. According to U.S. Census Bureau maps, more than 22,000 acres of unincorporated land were annexed by municipalities during the 1990s.

Figure 2.2
Total Population and Change in Total Population
Lake County 1950, 1960, 1970, 1980, 1990, and 2000

Lake County Places	Total Population						Percent Change					Numerical Change				
	1950 Census	1960 Census	1970 Census	1980 Census	1990 Census	2000 Census	1950-1960	1960-1970	1970-1980	1980-1990	1990-2000	1950-1960	1960-1970	1970-1980	1980-1990	1990-2000
Antioch	1,307	2,268	3,189	4,419	6,105	8,788	74%	41%	39%	38%	44%	961	921	1,230	1,686	2,683
Bannockburn	249	466	1,359	1,316	1,388	1,429	87%	192%	-3%	5%	3%	217	893	-43	72	41
Barrington (Lake Co. pt)	1,591	1,958	3,450	4,074	4,345	4,461	23%	76%	18%	7%	3%	367	1,492	624	271	116
Barrington Hills (Lake Co. pt)	*	293	368	524	698	503	NA	26%	42%	33%	-28%	293	75	156	174	-195
Beach Park	*	*	*	*	9,513	10,072	NA	NA	NA	NA	6%	NA	NA	NA	9,513	559
Buffalo Grove (Lake Co. pt)	*	*	1,833	9,086	21,930	28,491	NA	NA	396%	141%	30%	NA	1,833	7,253	12,844	6,561
Deer Park (Lake Co. pt)	*	476	726	1,368	2,887	3,093	NA	53%	88%	111%	7%	476	250	642	1,519	206
Deerfield (Lake Co. pt)	3,288	11,779	18,867	17,430	17,327	18,109	258%	60%	-8%	-1%	5%	8,491	7,088	-1,437	-103	782
Fox Lake (Lake Co. pt)	2,238	3,700	4,511	6,624	7,430	8,969	65%	22%	47%	12%	21%	1,462	811	2,113	806	1,539
Fox River Grove (Lake Co. pt)	*	*	*	*	*	173	NA	NA	NA	NA	NA	NA	NA	NA	NA	173
Grayslake	1,970	3,762	4,907	5,260	7,388	18,506	91%	30%	7%	40%	150%	1,792	1,145	353	2,128	11,118
Green Oaks	*	198	659	1,415	2,101	3,572	NA	233%	115%	48%	70%	198	461	756	686	1,471
Gurnee	1,097	1,831	2,738	7,179	13,701	28,834	67%	50%	162%	91%	110%	734	907	4,441	6,522	15,133
Hainesville	154	132	142	187	134	2,129	-14%	8%	32%	-28%	1489%	-22	10	45	-53	1,995
Hawthorn Woods	*	239	939	1,658	4,423	6,002	NA	293%	77%	167%	36%	239	700	719	2,765	1,579
Highland Park	16,808	25,532	32,263	30,611	30,575	30,038	52%	26%	-5%	0%	-2%	8,724	6,731	-1,652	-36	-537
Highwood	3,813	4,499	4,973	5,452	5,331	5,470	18%	11%	10%	-2%	3%	686	474	479	-121	139
Indian Creek	*	239	270	236	247	194	NA	13%	-13%	5%	-21%	239	31	-34	11	-53
Island Lake (Lake Co. pt)	*	1,130	1,395	1,569	1,983	3,131	NA	23%	12%	26%	58%	1,130	265	174	414	1,148
Kildeer	*	173	643	1,609	2,257	3,460	NA	272%	150%	40%	53%	173	470	966	648	1,203
Lake Barrington	*	172	347	2,320	3,855	4,757	NA	102%	569%	66%	23%	172	175	1,973	1,535	902
Lake Bluff	2,000	3,494	5,008	4,434	5,513	6,056	75%	43%	-11%	24%	10%	1,494	1,514	-574	1,079	543
Lake Forest	7,819	10,687	15,642	15,245	17,836	20,059	37%	46%	-3%	17%	12%	2,868	4,955	-397	2,591	2,223
Lake Villa	824	903	1,090	1,462	2,857	5,864	10%	21%	34%	95%	105%	79	187	372	1,395	3,007
Lake Zurich	850	3,458	4,082	8,225	14,947	18,104	307%	18%	101%	82%	21%	2,608	624	4,143	6,722	3,157
Lakemoor (Lake Co. pt)	*	*	*	*	261	986	NA	NA	NA	NA	278%	NA	NA	NA	261	725

Figure 2.2 (cont.)
Total Population and Change in Total Population
Lake County 1950, 1960, 1970, 1980, 1990, and 2000

Lake County Places	Total Population						Percent Change					Numerical Change				
	1950 Census	1960 Census	1970 Census	1980 Census	1990 Census	2000 Census	1950-1960	1960-1970	1970-1980	1980-1990	1990-2000	1950-1960	1960-1970	1970-1980	1980-1990	1990-2000
Libertyville	5,425	8,560	11,684	16,520	19,174	20,742	58%	36%	41%	16%	8%	3,135	3,124	4,836	2,654	1,568
Lincolnshire	*	555	2,531	4,151	4,931	6,108	NA	356%	64%	19%	24%	555	1,976	1,620	780	1,177
Lindenhurst	*	1,259	3,141	6,220	8,038	12,539	NA	149%	98%	29%	56%	1,259	1,882	3,079	1,818	4,501
Long Grove	*	640	1,196	2,013	4,740	6,735	NA	87%	68%	135%	42%	640	556	817	2,727	1,995
Mettawa	*	126	285	330	348	367	NA	126%	16%	5%	5%	126	159	45	18	19
Mundelein	3,189	10,526	16,128	17,053	21,215	30,935	230%	53%	6%	24%	46%	7,337	5,602	925	4,162	9,720
North Barrington	*	282	1,411	1,475	1,787	2,918	NA	400%	5%	21%	63%	282	1,129	64	312	1,131
North Chicago	8,628	22,938	47,275	38,774	34,978	35,918	166%	106%	-18%	-10%	3%	14,310	24,337	-8,501	-3,796	940
Old Mill Creek	*	149	164	84	73	251	NA	10%	-49%	-13%	244%	149	15	-80	-11	178
Park City	*	1,408	2,906	3,673	4,677	6,637	NA	106%	26%	27%	42%	1,408	1,498	767	1,004	1,960
Port Barrington (Lake Co. pt) ^	*	*	*	*	99	177	NA	NA	NA	NA	79%	NA	NA	NA	99	78
Riverwoods	*	96	1,571	2,804	2,868	3,843	NA	1536%	78%	2%	34%	96	1,475	1,233	64	975
Round Lake	573	997	1,531	2,644	3,550	5,842	74%	54%	73%	34%	65%	424	534	1,113	906	2,292
Round Lake Beach	1,892	5,011	5,717	12,921	16,434	25,859	165%	14%	126%	27%	57%	3,119	706	7,204	3,513	9,425
Round Lake Heights	*	*	1,144	1,192	1,251	1,347	NA	NA	4%	5%	8%	NA	1,144	48	59	96
Round Lake Park	1,836	2,565	3,148	4,032	4,045	6,038	40%	23%	28%	0%	49%	729	583	884	13	1,993
Third Lake	*	216	199	222	1,248	1,355	NA	-8%	12%	462%	9%	216	-17	23	1,026	107
Tower Lakes	*	*	932	1,177	1,333	1,310	NA	NA	26%	13%	-2%	NA	932	245	156	-23
Vernon Hills	*	123	1,056	9,827	15,319	20,120	NA	759%	831%	56%	31%	123	933	8,771	5,492	4,801
Volo	*	*	*	*	*	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	180
Wadsworth	*	*	756	1,104	1,826	3,083	NA	NA	46%	65%	69%	NA	756	348	722	1,257
Wauconda	1,173	3,227	5,460	5,688	6,294	9,448	175%	69%	4%	11%	50%	2,054	2,233	228	606	3,154
Waukegan	38,946	55,719	65,134	67,653	69,392	87,901	43%	17%	4%	3%	27%	16,773	9,415	2,519	1,739	18,509
Wheeling (Lake Co. pt)	0	0	0	24	0	0	NA	NA	NA	-100%	NA	NA	NA	24	-24	NA
Winthrop Harbor	1,765	3,848	4,794	5,438	6,240	6,670	118%	25%	13%	15%	7%	2,083	946	644	802	430
Zion	8,950	11,941	17,268	17,861	19,775	22,866	33%	45%	3%	11%	16%	2,991	5,327	593	1,914	3,091
Incorporated Lake County Total	116,385	207,575	304,832	354,583	434,667	560,439	78%	47%	16%	23%	29%	91,190	97,257	49,751	80,084	125,772
Unincorporated Antioch Twp	4,007	6,545	8,450	9,946	10,951	11,450	63%	29%	18%	10%	5%	2,538	1,905	1,496	1,005	499
Unincorporated Avon Twp	2,796	3,872	3,165	3,570	2,811	2,386	38%	-18%	13%	-21%	-15%	1,076	-707	405	-759	-425
Unincorporated Benton Twp	4,035	6,675	8,074	8,110	1,339	1,455	65%	21%	0%	-83%	9%	2,640	1,399	36	-6,771	116
Unincorporated Cuba Twp	2,026	3,427	3,830	3,945	3,838	3,838	69%	12%	3%	-3%	0%	1,401	403	115	-107	0
Unincorporated Ela Twp	2,743	3,530	3,711	4,096	4,422	4,434	29%	5%	10%	8%	0%	787	181	385	326	12
Unincorporated Fremont Twp	1,906	3,963	4,019	4,163	4,552	5,421	108%	1%	4%	9%	19%	2,057	56	144	389	869
Unincorporated Grant Twp	3,154	5,391	6,496	6,995	7,666	8,592	71%	20%	8%	10%	12%	2,237	1,105	499	671	926
Unincorporated Lake Villa Twp	2,224	5,960	7,362	8,432	9,873	9,329	168%	24%	15%	17%	-6%	3,736	1,402	1,070	1,441	-544
Unincorporated Libertyville Twp	2,439	4,532	5,098	5,189	5,336	4,461	86%	12%	2%	3%	-16%	2,093	566	91	147	-875
Unincorporated Moraine Twp	2,760	3,788	11	0	0	203	37%	-100%	-100%	NA	NA	1,028	-3,777	-11	0	203
Unincorporated Newport Twp	1,641	1,969	1,740	1,997	1,985	1,322	20%	-12%	15%	-1%	-33%	328	-229	257	-12	-663
Unincorporated Shields Twp	18,331	16,658	1,593	2,023	2,886	2,396	-9%	-90%	27%	43%	-17%	-1,673	-15,065	430	863	-490
Unincorporated Vernon Twp	2,787	5,034	4,704	7,081	6,042	5,669	81%	-7%	51%	-15%	-6%	2,247	-330	2,377	-1,039	-373
Unincorporated Warren Twp	3,277	6,978	12,068	11,665	13,814	17,584	113%	73%	-3%	18%	27%	3,701	5,090	-403	2,149	3,770
Unincorporated Wauconda Twp	2,303	2,598	3,639	4,481	4,612	4,021	13%	40%	23%	3%	-13%	295	1,041	842	131	-591
Unincorporated Waukegan Twp	5,918	4,501	3,255	3,545	1,249	959	-24%	-28%	9%	-65%	-23%	-1,417	-1,246	290	-2,296	-290
Unincorporated West Deerfield Twp	365	660	591	551	375	397	81%	-10%	-7%	-32%	6%	295	-69	-40	-176	22
Unincorporated Zion Twp	0	0	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unincorporated Lake County Total	62,712	86,081	77,806	85,789	81,751	83,917	37%	-10%	10%	-5%	3%	23,369	-8,275	7,983	-4,038	2,166
Lake County Total	179,097	293,656	382,638	440,372	516,418	644,356	64%	30%	15%	17%	25%	114,559	88,982	57,734	76,046	127,938
Chicago 6-County Metropolitan Area	5,179,818	6,222,873	6,976,725	7,103,624	7,261,176	8,091,720	20%	12%	2%	2%	11%	1,043,055	753,852	126,899	157,552	830,544

Source: U.S. Bureau of the Census

*Municipality has not been incorporated or annexed to Lake County.

^Fox River Valley Gardens renamed to Port Barrington in 2003.

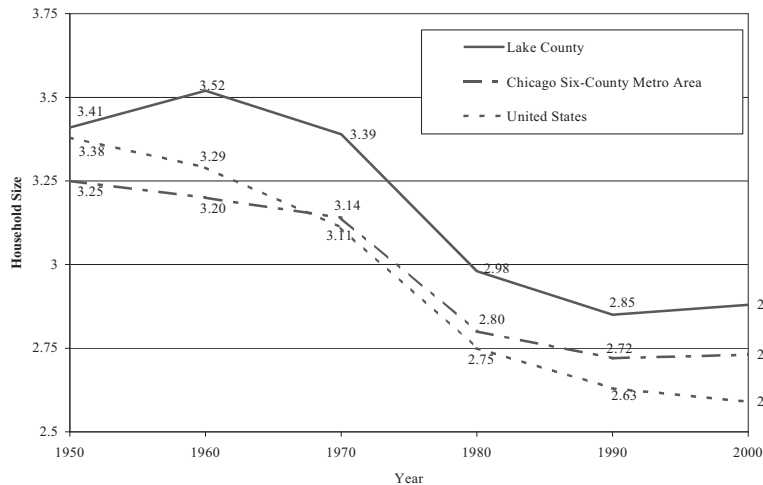
Household Trends

The total number of households for 1980, 1990, and 2000 were 139,715, 173,966, and 216,297 respectively. During the 1980s the number of households increased by 25% while population grew 17%. This is largely attributed to the decreasing of household size during the 1980s. During the 1990s, however, the household growth rate (24%) was very close to the population growth rate (25%).

Trends of Household and Family Sizes

Figure 2.3 illustrates the average household sizes of Lake County, the Chicago Six-County Region, and the United States. The average household size is a measure obtained by dividing the total population of persons living in households (a household includes all of the people who occupy a housing unit) by the total number of households. The United States has experienced a decline in household size from 3.38 in 1950 to 2.59 in 2000. The Chicago Six-County Region also experienced a decline in household size but at a slower rate during the 1950 to 1990 span and remained stable during the 1990s. Following national and regional trends, the average household size in Lake County fell by 16% from 3.41 to 2.88 during the 50-year period from 1950 to 2000. However, Lake County reversed the trend during the decades of the 1950s and 1990s when the average household size increased from 3.41 to 3.52 and from 2.85 to 2.88, respectively.

Figure 2.3
Average Household Size 1950-2000
Comparison between Lake County, the Chicago Six-County Region and the United States



The average family size is a measure obtained by dividing the number of people in families (a family includes a householder and one or more people living in the same household who are related to the householder by birth, marriage, or adoption) by the total number of families. The average family size in Lake County also increased during the 1990s, from 3.27 to 3.33. This trend is also different from that of the nation, which continued to show a decline in family size during the 1990s. The changes in household and family size were mostly attributed to the change

of age distribution and household types. The slight increase in household size during the 1990s was the result of a faster growth of families with children. At the same time, the growth of the senior population has slowed.

Among all municipalities in Lake County, the Village of Round Lake Beach ranked first in both household size (3.50) and family size (3.83) in 2000. Fox Lake and Lake Barrington had the lowest household sizes with 2.27 and 2.33 respectively. Lake Barrington also had the lowest family size in Lake County with only 2.8 persons per family in 2000. Waukegan had the largest growth in both household and family sizes between 1990 and 2000. Hainesville decreased the most in both household size and family size during the 1990s.

Household by Type

Figure 2.4 compares the household types in Lake County for 1990 and 2000. Every type of household has increased in number during the 1990s. Families with children under 18 years increased by more than 20,000 and accounted for 47.3% of the total increase in households. The proportion of families with children has also increased from 40.8% in 1990 to 42.1% in 2000. Female householder families, especially those with children, have also increased both numerically and in percentage. The percentage of senior householders living alone remained at 6.2% of total households.

Figure 2.4
Household Types in Lake County

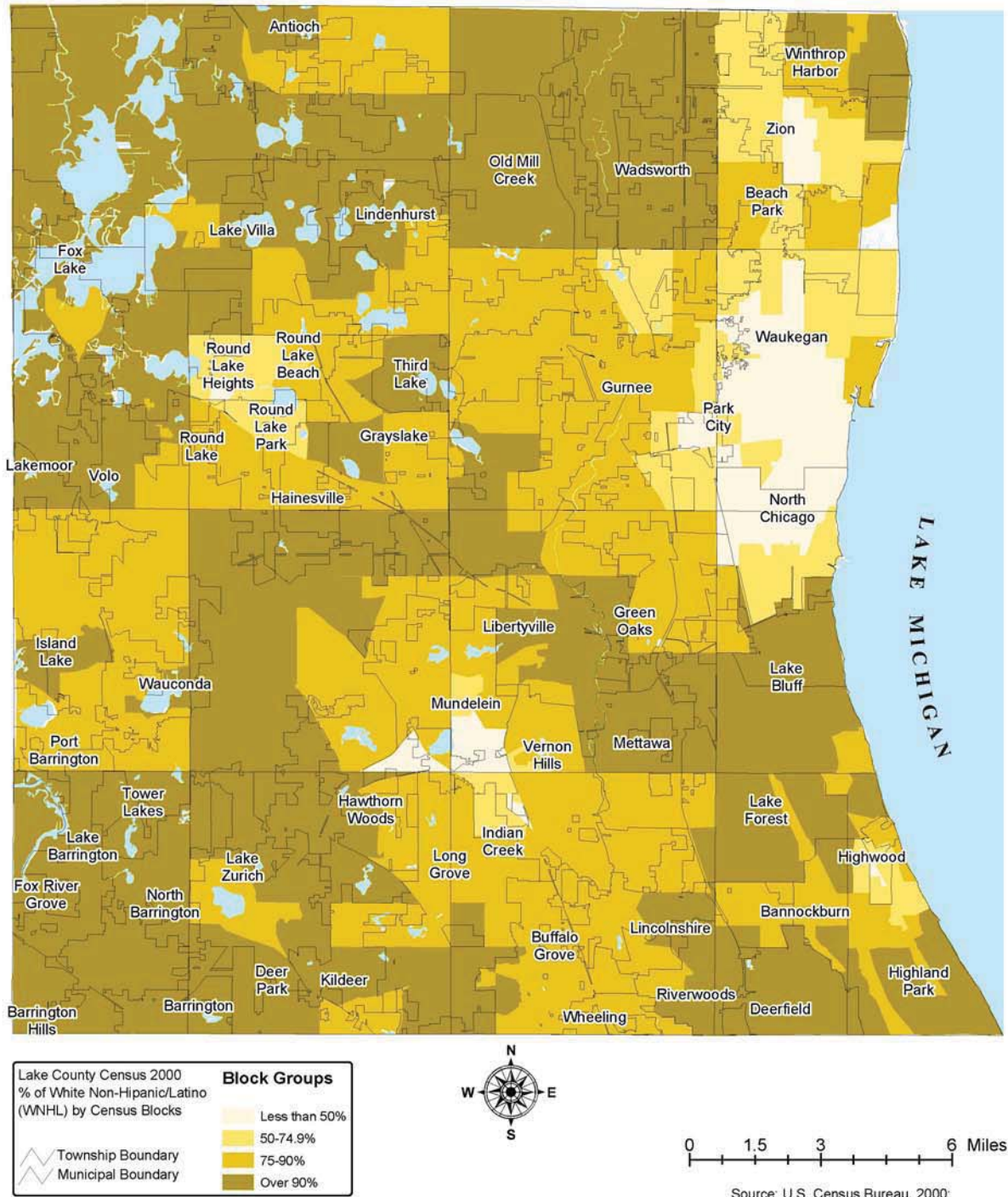
	1990		2000	
	Number	%	Number	%
Total Households	173,966	100	216,293	100
Family Households (Families)	134,570	77.4	163,978	75.8
With Children Under 18	71,026	40.8	91,028	42.1
Married Couple Families	114,146	65.6	136,686	63.2
With Children Under 18	60,121	34.6	75,001	34.7
Female Householder	15,202	8.7	19,861	9.2
With Children Under 18	8,642	5.0	12,365	5.7
Nonfamily Households	39,396	22.6	52,318	24.2
Householder Living Alone	32,207	18.5	42,662	19.7
65 Years And Over	10,730	6.2	13,472	6.2

Source: U.S. Census Bureau

Population By Race and Ethnicity

The change of population by race and ethnic group has been dramatic during the last 30 years. In 1970, approximately 11,000 Hispanics or Latinos lived in Lake County, accounting for less than 3% of the total population. In 1990, the number of Hispanics or Latinos went up to 38,570 (7.5% of total). In 2000, nearly 93,000 Hispanics or Latinos lived in Lake County, representing more than 14% of the total population. Black or African-American population also grew considerably between 1970 and 2000, but at a much slower pace. Lake County had 19,881 Blacks or African-Americans (5.2% of total) in 1970, 34,771 (6.7% of total) in 1990 and 44,741 (6.9% of total) in

Figure 2.5
Percent of White Non-Hispanic or Latino



the year 2000. Asian population also grew rapidly from 12,363 (2.4% of total) in 1990 to 25,103 (3.9% of total) in 2000.

Non-Hispanic white persons accounted for 73.4% of Lake County's population in 2000. Figure 2.5 shows the 2000 Census of non-Hispanic white persons as a percentage of the total population by census block groups. The southeast, southwest, and northwest corners of Lake County had the highest percentage of non-Hispanic white population with more than 90%. Hispanic or Latino population accounted for 14.4% of the total Lake County's population. Communities with 30% (more than twice the County's average) or more Hispanic or Latino population include Waukegan (44.8%), Highwood (38.2%), Park City (37.8%) and Round Lake Beach (31.3%). Black or African-American population accounted for 6.8% of Lake County's total population in 2000. North Chicago (35.8%), Zion (26.5%) and Waukegan (18.6%) all had portions of Black or African-American population more than twice the County's average. Asian population accounted for 3.9% of the County's total population. The percentages of Asian population in Vernon Hills (11.6%), Buffalo Grove (10.1% Lake County part only), Park City (8.8%) and Gurnee (8.1%) were more than twice the County's average.

Figure 2.6 shows the concentrations of Hispanic or Latino population, Black or African-American population, and Asian population in 2000. Of the 92,717 Hispanics or Latinos in Lake County, 42% of the population resided in Waukegan and 9% resided in Round Lake Beach. These two municipalities combined accounted for more than 50% of the total Hispanic or Latino population in Lake County. Black or African-American population was also concentrated in a few communities. Waukegan, North Chicago, and Zion accounted for 80% of the total Black or African-American population in Lake County. Although the distribution of Asians was more dispersed, 50% of the Asian population did reside in only 5 municipalities.

Income

Lake County is the wealthiest county in the state of Illinois in terms of per capita income. According to the 2000 Census, Lake County had a per capita income of \$32,102 in 1999, which ranked first among all the counties in Illinois and was 150% of the national per capita income, which was \$21,587. Lake County also ranks in the top 1% of all counties in the United States in terms of per capita income.¹ Lake County's median household income was also among the highest and has grown at a faster rate than those of the state and the country as a whole. The percent of population living below poverty level is much lower in Lake County compared to the state and the country.

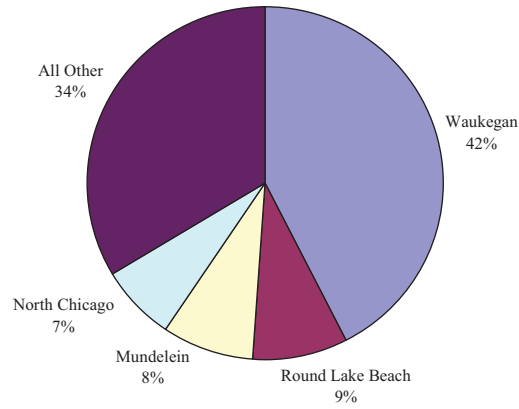
Even though Lake County in general enjoys a higher income level and a lower poverty rate, they vary greatly from community to community and among different races and ethnic groups. Figure 2.7 shows the median household income by municipalities in 1979, 1989, and 1999. It also shows the per capita income and the percent of population living below poverty level.

There is a distinct gap between municipalities with the highest and the lowest median household income. In 1999, the median household income of Riverwoods was 4.4 times of the median household income of Park City. This gap grew bigger during the 1980s and seemed to be closing

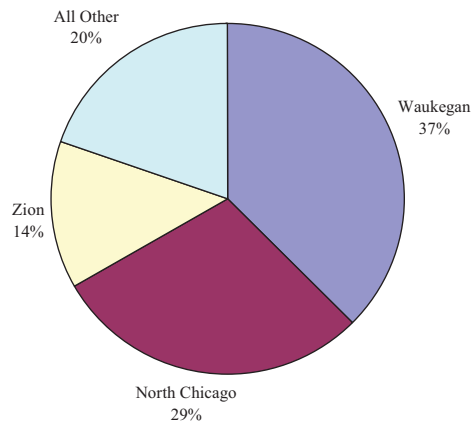
¹ Source: U.S. Census Bureau, 2000 Census statistics using per capita income in 1999. Lake County, IL ranks 29th out of approximately 3,200 counties.

Figure 2.6
Population Distributions of Minorities

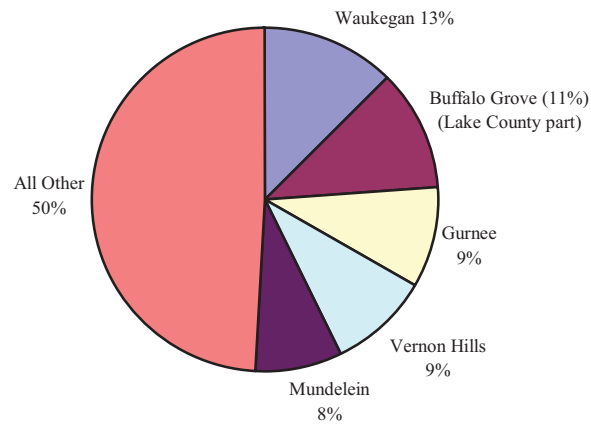
Total Hispanic or Latino Population: 92,716



Total Black or African American Population: 44,741



Total Asian Population: 25,105



somewhat during the 1990s. However, the overall trend of an income gap between rich and poor communities has been growing.

An income gap also existed among different races and ethnic groups. In 1999, the per capita income for non-Hispanic White was \$37,780, more than three times the per capita income for Hispanic or Latino population, which was only \$12,499. The per capita income for Blacks or African-Americans was \$17,041 and that of Asian-Americans was \$29,561.

Figure 2.7
Income by Municipality

Lake County Cities or Villages	Median Household Income (in current dollars)			1999	
	1979	1989	1999	Per capita Income (\$)	Population Below Poverty Level (%)
Antioch	20,843	35,263	56,481	25,711	3.9
Bannockburn	60,335	50,592	150,415	39,303	3.0
Barrington	31,816	63,987	83,085	43,942	3.1
Barrington Hills	51,019	104,002	145,330	73,629	3.1
Beach Park	*	40,994	56,553	23,803	3.7
Buffalo Grove	30,417	56,011	80,525	36,696	2.3
Deer Park	40,549	97,533	149,233	61,429	0.6
Deerfield	39,076	71,966	107,194	50,664	1.6
Fox Lake	16,474	32,706	46,548	24,350	6.4
Fox River Grove	*	*	66,469	28,870	7.1
Grayslake	21,971	43,712	73,143	28,898	3.0
Green Oaks	39,076	74,289	127,905	51,066	1.7
Gurnee	28,371	49,069	75,742	31,517	3.0
Hainesville	24,375	30,625	69,937	22,250	3.9
Hawthorn Woods	40,197	79,975	132,720	49,346	1.9
Highland Park	38,542	71,905	100,967	55,331	3.8
Highwood	18,079	32,854	42,993	24,138	7.0
Indian Creek	33,055	46,964	88,206	33,515	0.9
Island Lake	22,101	40,503	63,455	24,206	2.6
Kildeer	52,126	105,064	137,498	51,973	0.5
Lake Barrington	46,551	87,767	106,951	63,158	2.0
Lake Bluff	37,789	82,904	114,521	54,824	1.1
Lake Forest	44,767	94,824	136,462	77,092	2.1
Lake Villa	20,967	37,872	65,078	26,238	3.7
Lake Zurich	28,809	58,422	84,125	30,287	2.5
Lakemoor	17,829	37,368	56,217	22,499	8.7
Libertyville	31,815	61,632	88,828	40,426	3.5
Lincolnshire	54,036	97,324	134,259	60,115	1.6
Lindenhurst	29,029	53,751	74,841	27,534	1.6
Long Grove	46,713	107,596	148,150	62,185	2.6

Figure 2.7 (Continued)
Income by Municipality

Lake County Cities or Villages	Median Household Income (in Current Dollars)			1999	
	1979	1989	1999	Per capita Income (\$)	Population Below Poverty Level (%)
Mettawa	36,542	90,522	127,388	89,104	4.6
Mundelein	24,610	45,947	69,651	26,280	4.6
North Barrington	49,553	102,582	146,251	81,243	2.8
North Chicago	15,853	25,500	38,180	14,564	15.1
Old Mill Creek	25,625	55,000	82,426	43,314	2.7
Park City	18,145	29,063	36,508	18,595	8.0
Port Barrington [^]	25,682	48,056	83,508	41,284	2.5
Riverwoods	50,000	125,074	158,990	67,878	3.2
Round Lake	17,259	30,951	58,051	21,585	6.8
Round Lake Beach	22,928	36,616	59,359	18,113	5.1
Round Lake Heights	21,087	32,419	54,706	17,868	5.9
Round Lake Park	20,279	32,159	44,896	18,279	10.0
Third Lake	26,250	63,421	96,719	34,921	2.7
Tower Lakes	45,407	102,606	130,388	52,025	2.1
Vernon Hills	26,432	48,873	71,297	32,246	2.9
Volo	*	*	45,833	22,791	33.0
Wadsworth	29,671	59,182	86,867	35,171	2.2
Wauconda	21,523	39,456	57,805	26,355	4.0
Waukegan	19,091	31,315	42,335	17,368	13.9
Winthrop Harbor	24,743	48,460	62,795	24,256	3.1
Zion	20,593	31,159	45,723	17,730	11.9
Lake County	25,210	46,047	66,973	32,102	5.7
Illinois	19,321	32,252	46,590	23,104	10.7
United States	16,841	30,056	41,994	21,587	12.4

Source: U.S. Bureau of the Census, Census 1980, 1990 and 2000

[^]Fox River Valley Gardens was renamed to Port Barrington in 2003

Age Trends

Figure 2.8 displays population age trends in Lake County between 1970 and 2000. The population is broken down into five age groups. Each group has unique characteristics and may have different planning needs. For example, a large proportion of children in a community may require greater capital expenses for school facilities, while communities with a growing proportion of older residents may need to address issues of health care and special housing. These issues will be discussed in the relevant chapters of this *Regional Framework Plan*.

Lake County's population trend mirrors the national trend of an aging population. In 1970, the median age of the Lake County population was 24.3 years. In 2000, it reached 33.8 years. However, Lake County differs from the nation in that the County contains a larger proportion of

younger population, a similar proportion of workforce age population, and a much smaller proportion of older population based on 2000 Census data.

The percentage of the population under age 5 was 8.2% for Lake County compared to 6.8% for the nation. School age children (5-17 years) represented 21.2% of Lake County's total population compared to 18.9% for the nation. The proportions of the workforce age group (18-64 years) for Lake County and the nation were very close at 62.1% and 61.9% respectively. However, the population aged 65 and above accounted for only 8.5% in Lake County compared to 12.4% nationwide. The median age of Lake County's population was 33.8 years in 2000, or 1.5 years younger than the national median.

There was a great disparity in the median age of Lake County communities, ranging from a low of just over 20 years to a high of almost 50 years. Communities with the highest median ages include Lake Barrington (49.1), Barrington Hills (45.1), Mettawa (44.7), Lincolnshire (44.3), and Riverwoods (43.0). The communities with the youngest population include Bannockburn (21.7), North Chicago (22.0), Round Lake Beach (28.5), Waukegan (29.0), Round Lake Heights (29.4), Park City (29.7), and Hainesville (29.8). The college student population in Bannockburn and the Navy population in North Chicago explain these two communities' young population.

**Figure 2.8
Population Age Trends, Lake County 1970-2000**

Age Group	1970		1980		1990		2000	
	Number	%	Number	%	Number	%	Number	%
Under 5	33,201	8.7	33,915	7.7	43,849	8.5	52,978	8.2
5-17	106,785	27.9	99,879	22.7	98,623	19.1	136,386	21.2
18-64	218,637	57.1	274,766	62.4	330,524	64.0	400,003	62.1
65-84	22,325	5.8	28,963	6.6	39,272	7.6	48,948	7.6
85+	1,690	0.4	2,849	0.6	4,150	0.8	6,041	0.9
Total	382,638	100	440,372	100	516,418	100	644,356	100
Median Age (years)	24.3	-	28.3	-	31.6	-	33.8	-

Source: U.S. Census Bureau

Great Lakes Naval Training Center Population

The Great Lakes Naval Training Center first opened its gates in 1911. Since then, over 3.5 million men and women have received training at the Great Lakes Naval Training Center. In 1994, all Navy recruit training (basic training) was consolidated at Great Lakes. Great Lakes is also the largest technical school training center and the largest overall training center in the Navy. Great Lakes is a "city" within the City of North Chicago with an average population of over 20,000 at any given time.

Persons residing in Great Lakes Naval Training Center group housing and family housing are included in the U.S. Census Bureau population statistics for North Chicago, Highland Park, and Highwood. These persons include recruits, students, and permanent duty station military staff

and dependents. Recruits, who are receiving their basic military training, are required to live in the barracks. Students, who are receiving technical training, usually live on base. The following is a list of the population residing in Navy Housing in Lake County, as of December 1, 1999.

Trainees including recruits and students:	14,088
Staff members living in the base family housing:	2,174
Dependents living in the base family housing:	<u>5,671</u>
Total:	21,933

Other Navy personnel and their families live in houses that they rent or purchase throughout the region. These individuals are counted as part of the population of the community where they reside.

The family housing units serving Great Lakes Naval Training Center are located in the North Chicago School District 187 and North Shore School District 112 in Lake County. Over 2,000 family housing units are located at Great Lakes within School District 187. In 2000, a total of more than 1,400 children went to North Chicago schools accounting for 33% of the total North Chicago school population. There are 329 family housing units located at Fort Sheridan within School District 112. There are also 400 housing units located at Glenview in Cook County.

Population Forecast

This *Regional Framework Plan* is based on a 2020 population forecast that was developed by the Lake County Department of Planning, Building and Development based on NIPC’s 2030 population forecasts.

NIPC’s forecast shows that nearly all Lake County municipalities will continue to grow, but at different rates. Overall, unincorporated Lake County is projected to lose 1,160 persons during the next 20 years due to annexations and demographic changes.

NIPC’s forecast indicates that population will continue to increase in areas that are already developed. The relationship between the population forecasts and the land available for development is analyzed in Chapter 9, Land Use.

Figure 2.9 presents the 2000 Census and the 2020 population forecast by Cooperative Planning Areas. (See description in the Introduction Chapter.) The fastest population growth is projected to occur in the following Cooperative Planning Areas: West Central, Greater Avon, and the Lakes Region. All three are located in the northwest section of Lake County. Southeast, South Central, and Greater Barrington, in southern Lake County, are projected to have only minimum population growth.

**Figure 2.9
Population Forecast by Cooperative Planning Areas**

Cooperative Planning Areas	2000 Census*	2020 Population Forecast Planning Estimated^
Lakes Region	65,531	89,822
North Central	51,074	64,645
Northeast	173,676	200,545
West Central	23,364	48,719
Greater Avon	63,462	87,011
Central Lake Co.	80,391	88,261
Southeast	82,959	85,231
Greater Barrington	17,960	19,453
Southern Route 12	41,828	55,108
South Central	44,111	47,683
Lake County Total	644,356	786,478

*Source: U. S. Census Bureau, 2000

^2020 population and employment estimates were accepted by the Lake County Regional Planning Commission on January 6, 2004.

Conclusion

This section contains conclusions regarding population growth and demographic trends. Policy recommendations that result from these trends are contained in the relevant chapters.

Continued Population Growth

Population growth trends of the past 50 years are expected to continue in the future. During the next 20 years, Lake County is projected to grow by 142,122 persons. Almost all municipalities will increase their population while unincorporated Lake County will remain relatively stable, as municipal annexations nearly equal the rate of development in unincorporated areas.

More Diverse Population

The racial and ethnic diversity of Lake County has increased during the last 30 years. Hispanic or Latino populations represent the fastest growing racial or ethnic group. This trend will likely continue in the future.

Growth of School-Age Population

Compared to the nation, Lake County contains a larger proportion of younger population, a similar proportion of workforce age population and a much smaller proportion of older population. The school-age population represents the fastest growing age group of the 1990s. Following national and regional trends, the median age of Lake County continues to increase.

Income Concentrations

Although Lake County in general has a higher level of income and a lower poverty rate compared to other counties in the state, there are large gaps between communities and among different races and ethnic groups. These gaps increased in recent years and may continue to grow in the future.

Stabilized Household Size

Contrary to the national trend, Lake County's household and family sizes have remained stable or increased slightly during the 1990s. This trend is likely to continue in the future.

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