

Section 3: Demographic and Socioeconomic Characteristics

Demographic characteristics include measures of total population as well as percent of total population by age group, gender, race and ethnicity, where these populations and subpopulations are located, and the rate of change in population density over time, due to births, deaths and migration patterns.

Socioeconomic characteristics include measures that have been shown to affect health status, such as income, education, and employment, and the proportion of the population represented by various levels of these variables.

In 2000, the DuPage County Health Department commissioned an analysis of 2000 Census data for DuPage County. The University of Illinois, College of Medicine at Rockford's Health Systems Research Group, provided this analysis. This section includes a summary of their findings and several tables relevant to the DuPage County IPLAN 2010 Community Health Needs Assessment process.

Other sources included in this section include Access DuPage, 2000 U.S. Census Bureau documents, the DuPage County Health Department, Illinois 2003 Economic Profile, and the Illinois Department of Public Health birth and death files.

Table 3.1

	DuPage County Demographics		
	1990	2000	Percent Change
Total Population	781,666	904,161	15.7%
Population Density		2,710 persons /sq. mile	
Sex			
Male	385,520	445,731	
Female	396,146	458,430	
Age			
Under 5 years	63,817	65,849	3.2%
5 to 9	58,669	69,061	17.7%
10 to 14	52,691	67,632	28.4%
15 to 19	50,293	61,139	21.6%
20 to 24	54,809	52,522	-4.2%
25 to 34	153,296	131,985	-13.9%
35 to 44	137,091	161,179	17.6%
45 to 54	86,633	131,418	51.7%
55 to 59	30,335	44,103	45.4%
60 to 64	28,096	30,479	8.5%

	DuPage County Demographics		
	1990	2000	Percent Change
65 to 74	40,798	45,558	11.7%
75 to 84	20,685	31,621	52.9%
85 years and over	6,501	11,615	78.7%
Median age in years	32.3	35.2	2.9%
Race/Ethnicity			
White	714,905	759,924	6.3%
Black	15,462	27,600	78.5%
Asian/Pacific Islander	39,634	71,469	80.3%
American Indian	962	1,520	58.0%
Other	X	28,166	X
Two or more races	X	15,482	X
Hispanic	34,567	81,366	135.4%

Table 3.2 lists the year 1990 and 2000 populations for 33 DuPage County municipalities, followed by the population percent change over the 10-year period. Municipality names followed by (pt.) part indicate the municipality is partially located within DuPage County and another county. Where known, the estimated percent housed within DuPage County is listed.

Table 3.2

DuPage County Municipality Populations			
Place	1990 Population	2000 Population	Percent Change
Addison	32,058	35,914	12.0%
Aurora (pt. 27 percent)	14,811	38,905	162.7%
Bartlett (pt. 51 percent)	12,086	24,508	102.8%
Bensenville	17,767	20,703	116.5%
Bloomington	16,614	21,675	30.5%
Bolingbrook (pt. 13 percent)	1,472	1,748	18.8%
Burr Ridge (pt.)	4,596	6,785	47.6%
Carol Stream	31,716	40,438	27.5%
Clarendon Hills	6,994	7,610	8.8%
Darien	18,341	22,860	24.6%
Downers Grove	46,858	48,724	4.1%

DuPage County Municipality Populations			
Place	1990 Population	2000 Population	Percent Change
Elmhurst	42,029	42,762	1.7%
Glendale Heights	27,973	31,765	13.9%
Glen Ellyn	24,944	26,999	8.2%
Hanover Park (pt. 44 percent)	14,233	17,523	23.1%
Hinsdale (pt. 94 percent)	13,956	15,209	9.0%
Itasca	6,947	8,302	19.5%
Lisle	19,512	21,182	8.6%
Lombard	39,408	43,322	9.9%
Naperville (pt.)	72,931	90,984	24.8%
Oak Brook	9,178	8,702	-5.2%
Oakbrook Terrace	1,907	2,300	20.6%
Roselle (pt. 82 percent)	17,499	19,655	12.3%
Villa Park	22,253	22,075	-0.8%
Warrenville	11,333	13,363	17.9%
Wayne (pt.)	718	1,303	81.5%
West Chicago	14,796	23,469	58.6%
Westmont	21,228	24,554	15.7%
Wheaton	51,464	55,416	7.7%
Willowbrook	8,598	8,967	4.3%
Winfield	7,096	8,718	22.9%
Wood Dale	12,425	13,535	8.9%
Woodridge (pt.)	26,232	30,939	17.9%

Percent Age Group by Race/Ethnicity: 1990 and 2000 Census

Table 3.3

Age Group	White		Black		Asian		Hispanic	
	1990	2000	1990	2000	1990	2000	1990	2000
0 – 4	90.3	79.0	2.4	3.6	5.3	8.5	5.9	14.5
5 – 9	89.2	81.8	2.5	4.0	6.6	7.4	5.5	11.7
10 – 14	88.4	82.2	2.6	3.8	7.2	7.9	5.5	9.9
15 – 19	88.2	81.1	2.8	3.6	6.5	8.3	6.5	12.2
20 – 24	90.3	78.6	2.5	3.7	4.3	8.7	7.6	18.0
25 – 29	92.0	77.5	2.3	4.2	3.6	10.5	5.7	15.6
30 – 34	91.6	80.5	2.2	3.9	4.5	9.5	4.5	11.5
35 – 39	90.9	84.6	2.2	3.3	5.6	7.7	3.7	8.2
40 – 44	90.4	86.3	2.0	3.0	6.6	7.2	3.0	6.3
45 – 49	91.3	86.4	1.6	2.7	6.3	8.0	2.8	5.0
50 – 54	92.8	86.6	1.2	2.4	5.2	8.5	3.0	4.0
55 – 59	95.0	88.0	0.9	1.9	3.4	8.1	2.7	3.6
60 – 64	96.1	88.5	0.7	1.6	2.8	7.9	2.1	3.7
65 – 69	96.3	91.5	0.5	1.2	2.8	5.7	1.6	3.3
70 – 74	96.5	93.3	0.4	0.8	2.8	4.4	1.2	2.6
75 – 79	97.2	94.6	1.3	0.7	2.2	3.6	1.1	1.8
80 – 84	97.6	95.9	0.3	0.5	1.9	3.0	1.3	1.1
85+	98.5	96.9	0.4	0.5	0.9	1.9	1.2	1.2
Total	91.5	84.0	2.0	3.1	5.1	7.9	4.4	9.0

Table 3.3 shows age groups by race/ethnicity for both 1990 and 2000. The younger age groups include much higher proportions of minorities than older groups. In the 2000 Census, minorities accounted for 21 percent of children aged 0 – 4 while only 3.1 percent of those aged 85 years and over were minorities.

From 1990 to 2000, DuPage County minority representation increased in every age group, with the greatest increase occurring in young adults in their 20s and young children. The percent change of non-whites in the 25 – 29 age group between 1990 and 2000 was 18.7 percent, followed by a percent change of non-whites in the 0 - 4 age group between 1990 and 2000 of 14.3 percent.

Table 3.4

DuPage County Birth Statistics 1991 - 2001				
Year	Total Number of Births	DuPage Birth Rate (Per 1,00 Births)	Hispanic Birth Rate (Per 1,000 Births)	Illinois Birth Rate (Per 1,000)
1991	13,768	17.2	26.4	16.8
1992	13,882	17.1	28.6	16.4
1993	14,070	17.0	30.1	16.2
1994	14,212	16.9	33.3	15.9
1995	13,928	16.3	32.8	15.5
1996	13,680	15.9	33.1	15.1
1997	13,440	15.5	32.7	14.8
1998	13,251	15.1	35.4	14.9
1999	13,427	15.0	37.8	15.0
2000	13,528	15.0	27.5	15.2
2001	13,393	14.6	X	15.0

Three points are notable when examining Table 3.4. First, the total DuPage County birth rate has steadily decreased or remained the same between 1991 and 2000. Second, the Hispanic birth rate trend has steadily increased or remained the same between 1991 and 1999. Third, the Hispanic birth rate was twice the DuPage birth rate from 1996 through 1999.

Table 3.5

DuPage County Mortality Statistics 1991 - 2001				
Year	Number of Deaths	DuPage Death Rate (Per 100,000)	Illinois Death Rate (Per 100,000)	U.S. Death Rate (Per 100,000)
1991	4,672	584.0	899.9	922.3
1992	4,552	558.5	877.1	905.6
1993	4,911	590.3	913.7	926.1
1994	4,927	582.0	909.7	913.5
1995	5,223	608.5	913.7	909.8
1996	5,135	594.4	892.2	894.1
1997	5,058	578.7	860.8	878.1
1998	5,286	592.5	864.0	870.6
1999	5,632	621.8	891.5	875.6
2000	5,580	617.1	855.8	869.0
2001	5,659	620.6	840.1	854.5

Table 3.6

	DuPage County			Illinois	U.S.
	1990	2000	Percent Change	2000	2000
Income					
Median Household Income	\$48,876	\$67,887	39%	\$46,590	\$41,994
Median Family Income	\$54,920	\$79,314	44%	\$55,545	\$50,046
Per capita Income	\$21,155	\$31,315	48%	\$23,104	\$21,587
Poverty: Percent below poverty					
All persons (1999)	2.7%	3.6%		10.7%	
Families (1999)		2.4%		7.8%	
Children 0 to 17 years	2.9%	3.9%		14.0%	
Persons 65 years and older	4.3%	4.3%		8.3%	
Female-Headed Families (1999)		9.2%		24.1%	28.0% (2000)
With Children 0 to 17 years		13.8%		32.1%	
With Children 0 to 4 years		22.5%		43.6%	
Educational Attainment					
Less than 9 th grade		3.9%		7.5%	7.5%
9 th to 12 th grade, no diploma		6.1%		11.1%	12.1%
High School graduate	88.6%	90.0%		81.4%	80.4%
Some College, no degree		21.5%		21.6%	21.0%
Associate degree		6.3%		6.1%	6.3%
Bachelor's degree	36.0%	41.7%		26.1%	24.4%
Graduate or professional degree	11.9%	14.8%		9.5%	8.9%

While the *percentage* of persons with low incomes in DuPage County is relatively small, the *absolute numbers* of such persons are large. In 1999, 30,195 persons in DuPage County had incomes under the Federal Poverty Level, and 89,435 were under 200 percent of the Federal Poverty Level. The number of low-income persons in DuPage County is greater than the *entire populations* of 83 of the 102 counties in Illinois.

DuPage County Unemployment Rates 1992 – 2002

Table 3.7

Year	Labor Force	Total Employment	Number Unemployed	Unemployment Rate
1992	476,112	451,311	24,801	5.2
1993	481,334	456,470	24,864	5.2
1994	488,835	469,928	18,907	3.9
1995	499,599	482,640	16,959	3.4
1996	506,873	489,836	17,037	3.4
1997	514,482	499,609	14,873	2.9
1998	519,476	505,545	13,931	2.7
1999	528,237	514,044	14,193	2.7
2000	530,568	516,874	13,994	2.6
2001	526,376	506,572	19,804	3.8
Dec. 2002	513,141	489,026	24,115	4.7

The DuPage County unemployment rate reflects the state of the economy. In the early 1990's the unemployment rate was much higher (5.2 percent). The rate gradually dropped until 2001, when it again began to climb. Unemployment rates have not yet reached the levels of early 1990's recession.

Table 3.8

	DuPage County			Illinois
	1990	2000	Percent Change	2000
No Health Insurance		5.3%		13.5%
Language Spoken at Home				
English only		79.2%		80.8%
Other Language		20.8%		19.2%
Spanish		7.7%		10.9%
Polish		1.5%		
Tagalog		1.2%		
Chinese		1.1%		

	DuPage County			Illinois
	1990	2000	Percent Change	2000
Housing Units				
Total Housing Units	282,537	335,621	14.7	4,885,615
Owner Occupied	207,956	248,762	19.6	2,470,338
Renter Occupied	71,388	76,839	7.6	1,487,504
Residence Movement (5 yrs & over)				
Different house in U.S.		39.0%		40.1%
Different county		19.6%		14.1%
Different state		6.7%		5.8%
Immigrant Population				
Foreign Born Population	71,335	138,656	94.9	1,529,058
Entered 1990 to March 2000		62,177		687,564
Naturalized Citizen		61,601		603,521
Not a Citizen		77,055		925,537
Region of Birth				
Europe		34,920		389,928
Asia		55,937		359,812
Africa		2,394		26,158
Oceania		320		2,553
Latin America		41,996		731,397
Northern America		3,089		19,210

No Health Insurance

The number of low-income, medically uninsured residents of DuPage County is difficult to determine. Anyone familiar with estimating populations of low-income uninsured knows how difficult such a task is, because members of this target population are notoriously transient, frequently shift into and out of eligibility for public or private insurance coverage, are often suspicious of inquiries, and often lack phones or similar channels used to gather information. Nonetheless, using typical ratios of uninsured to poverty levels, our best estimate is that *at any particular point in time* there are about 33,500 low-income persons in DuPage County who lack medical insurance. The total number of low-income residents who lack medical insurance *at some point during the year* may be as high as 42,900, and the number of low-income persons who lack medical insurance *for the entire year* is lower, perhaps around 17,500.

Language Spoken at Home

Immigrants, refugees, and non-English speakers comprise a significant subset of low-income persons who lack health insurance in DuPage County. For example, persons who identify themselves as “Hispanic” or “Latino” comprise about 9 percent of DuPage County’s overall population, and about half of the persons currently enrolled in the Access DuPage program speak Spanish as their primary language. The Spanish-speaking population of DuPage County has doubled in the last decade. 18 percent of Access DuPage members speak one of at least 56 other non-English languages. Only 32 percent of Access DuPage members speak English as their primary language, and 41 percent do not speak any English at all. These patterns reflect the fact that, even when income is held constant, there are significant disparities in health insurance coverage among various racial and ethnic groups. They also reflect patterns that are typical of the wider metropolitan Chicago area. These patterns obviously have implications for matching some low-income uninsured persons with linguistically and culturally appropriate medical services.

Immigrant Population

DuPage County also welcomes a large number of immigrants and refugees each year, drawn by DuPage County’s diverse economy and a number of sponsoring organizations. As a consequence, 15.3 percent of DuPage County residents were born outside the U.S., and 20.8 percent speak a language other than English at home. 8.5 percent of DuPage County’s population are “officially” non-citizens.