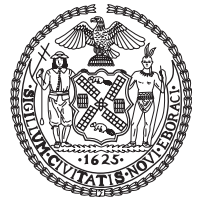


**New York City
Population Projections
by Age/Sex & Borough**

2000
2010
2020
2030

BRIEFING BOOKLET

New York City
Population Projections
by Age/Sex & Borough,
2000–2030



The City of New York
Michael R. Bloomberg, Mayor

Department of City Planning
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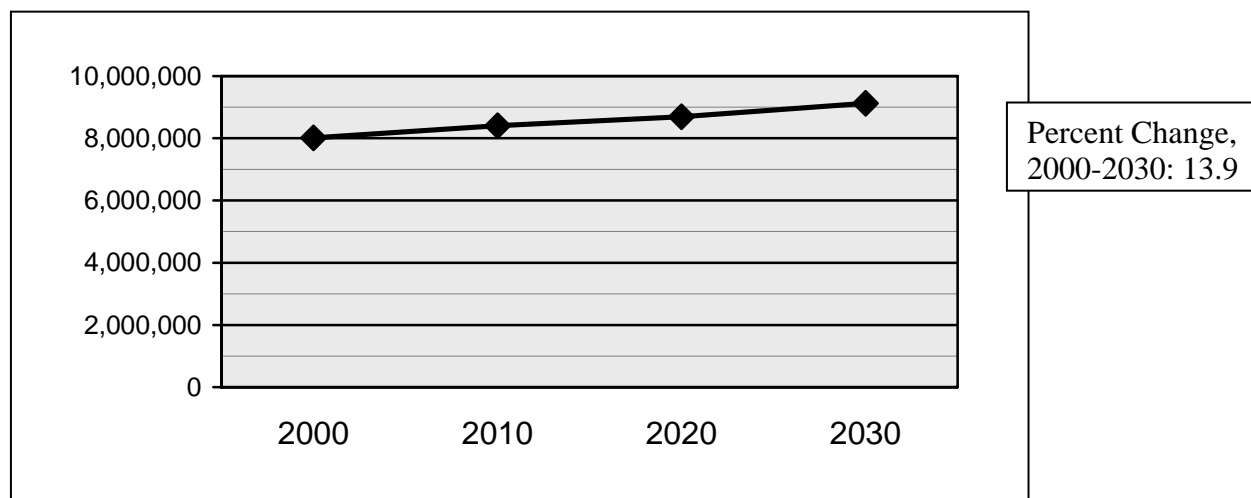
The Graphics Division, under the direction of Michael Pilgrim, prepared the report for reproduction. Carol Segarra designed the cover, page layout, graphics, and tables.

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New York City Population Growth, 2000–2030

- New York City’s enumerated population stood at over 8 million in 2000 and the Census Bureau estimates that there were over 8.2 million city residents in 2005.
- With over 200,000 residents added in the first half of this decade, the city is well on its way to a population in 2010 that we project at 8.4 million. For the year 2020, we project the city’s population at 8.7 million, and at 9.1 million for 2030.

Projected New York City Population, 2000-2030



Sources: Unadjusted 2000 Census data, DCP Population Projections

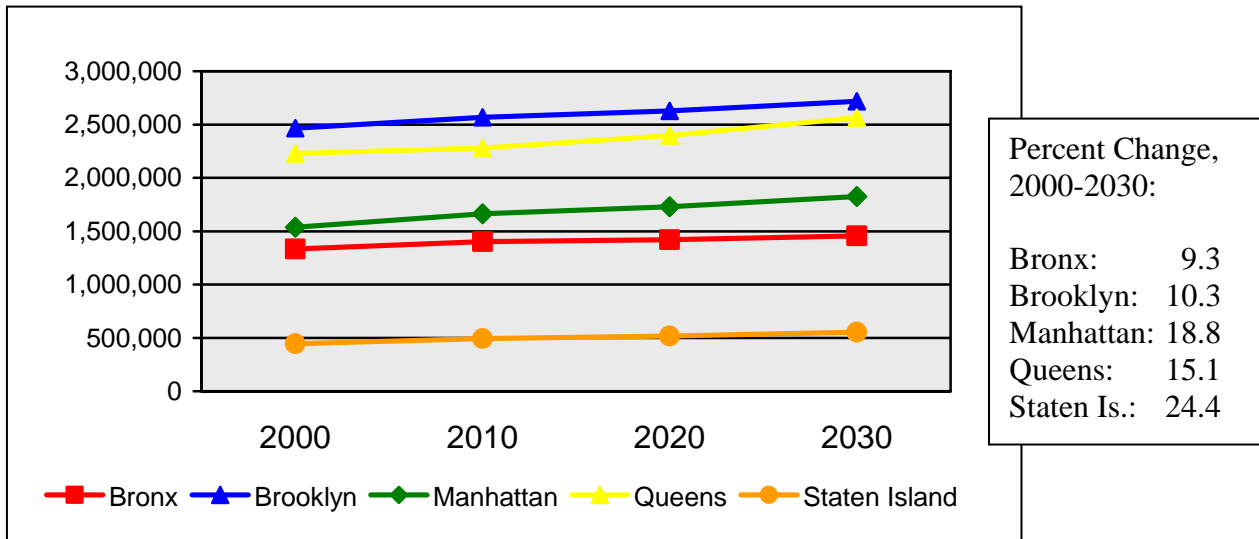
- Thus, between 2000 and 2030, the city’s population is expected to increase by 1.1 million residents, or 13.9 percent.
- The growth rate between 2000 and 2030 is expected to be lower than that experienced in the 1980-2000 period, but it is sufficient to propel the city across the 9.1 million mark by 2030.
- The basic demographic processes that have defined New York since the 1950s will likely continue, with substantial outflows from the city offset by immigration and natural increase (the difference between births and deaths).

Borough Population Growth, 2000-2030

- While the city’s projected 2030 population will be a new high, only two boroughs, Staten Island and Queens, will reach a new population peak in 2030.
- Staten Island’s population, which reached 444,000 in 2000 and 475,000 in 2005, is projected to reach a new high of 552,000 in 2030. This translates into a 24.4 percent growth over 2000, the highest of any borough. However, growth in Staten Island is highest in the first five years of this decade and then declines substantially. The 2000-2005 period will have accounted for a disproportionate 30 percent of the overall growth of 108,000 between 2000-2030.

- Queens will increase 15.1 percent in the 30-year period, to 2.57 million in 2030, a new population peak. This compares with an estimated 2.26 million in 2005.

Projected Borough Populations, 2000-2030



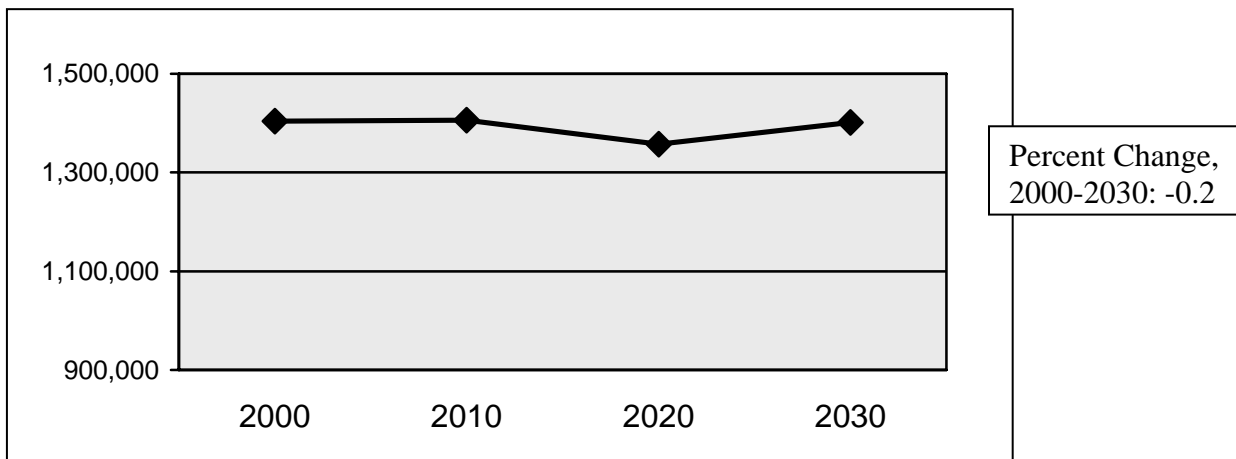
Sources: Unadjusted 2000 Census data, DCP Population Projections

- Manhattan will see the second highest post-2000 growth, 18.8 percent, with its population projected to increase to 1.83 million in 2030, well below its peak population of 2.33 million in 1910. Manhattan's population was estimated at 1.61 million in 2005.
- Brooklyn will continue to be the most populous borough, adding another 10.3 percent after 2000 to achieve a population of 2.72 million in 2030, close to its 1950 historical high of 2.74 million. Brooklyn was estimated to have a population of 2.51 million in 2005.
- Although the Bronx will see the smallest growth during the 2000-2030 period (9.3 percent), its population is projected to reach 1.46 million in 2030, just under its 1970 historical high of 1.47 million. The Bronx's 2005 population estimate was 1.36 million.

New York City School-age Population (ages 5 to 17), 2000-2030

- The school-age population, which numbered over 1.40 million in 2000, is projected to drop to 1.36 million in 2020, a result of declines in fertility, losses through migration, and the smaller cohorts of women of childbearing ages.

Projected New York City School-Age Population, 2000-2030



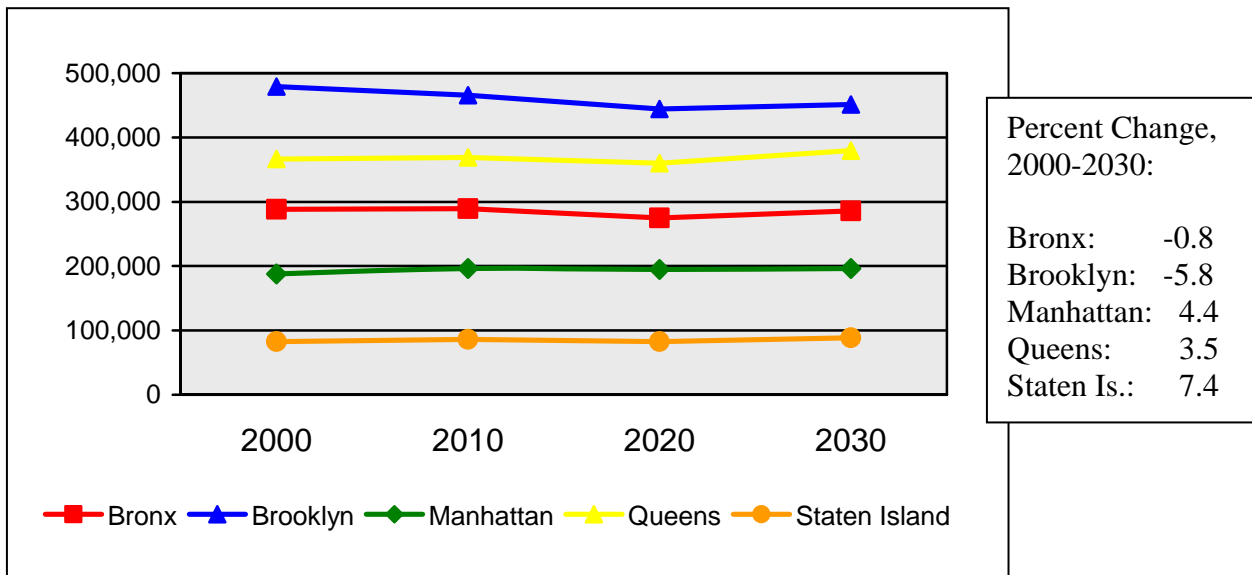
Sources: Unadjusted 2000 Census data, DCP Population Projections

- As the large cohorts of women born in the 1980s and 1990s enter their peak reproductive years, levels of childbearing will once again rise. This will increase the number of school-age children after 2020 to slightly below the 2000 level of 1.40 million.
- Given the slight decline in the school-age population and growth in the overall population, school-age children will comprise just 15.4 percent of the population in 2030, down from 17.5 percent in 2000.

Borough School-age Population (ages 5 to 17), 2000-2030

- Projected changes in the school-age population differ markedly by borough. School-age children in the Bronx are expected to decline by less than 1 percent between 2000 and 2030 and by 5.8 percent in Brooklyn.
- The declines in school-age population in Brooklyn and the Bronx will be largely offset by growth in Staten Island (7.4 percent), Manhattan (4.4 percent), and Queens (3.5 percent).

Projected Borough School-Age Populations, 2000-2030



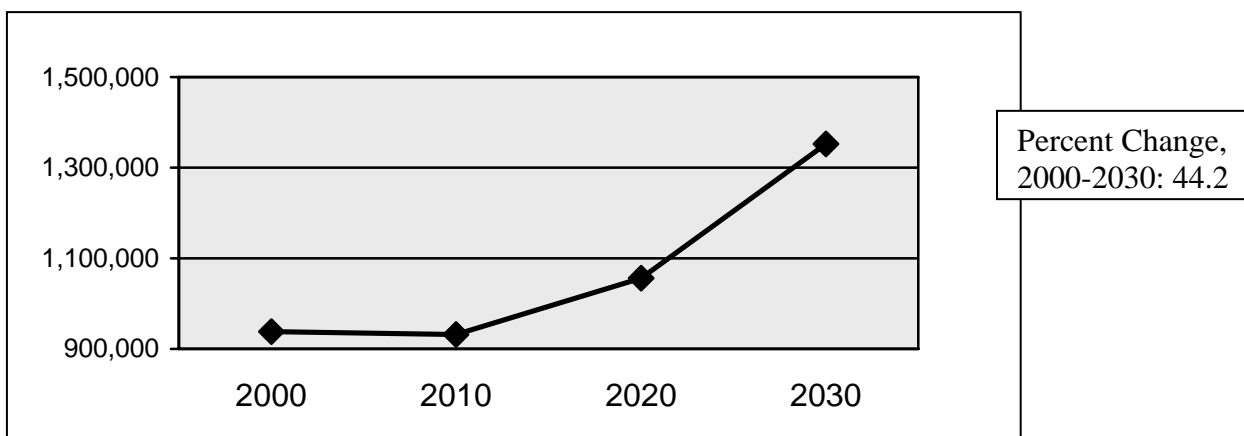
Sources: Unadjusted 2000 Census data, DCP Population Projections

- Though the school-age population in Staten Island, Manhattan, and Queens is projected to increase, other age groups are projected to increase even faster. As a result, the share of the school-age population in each of these boroughs is projected to decline between 2000 and 2030.

New York City Elderly Population (ages 65 and over), 2000-2030

- New York City will see dramatic increases in its elderly population. The number of persons ages 65 and over is projected to rise 44.2 percent, from 938,000 in 2000 to 1.35 million in 2030.

Projected New York City Elderly Population, 2000-2030



Sources: Unadjusted 2000 Census data, DCP Population Projections

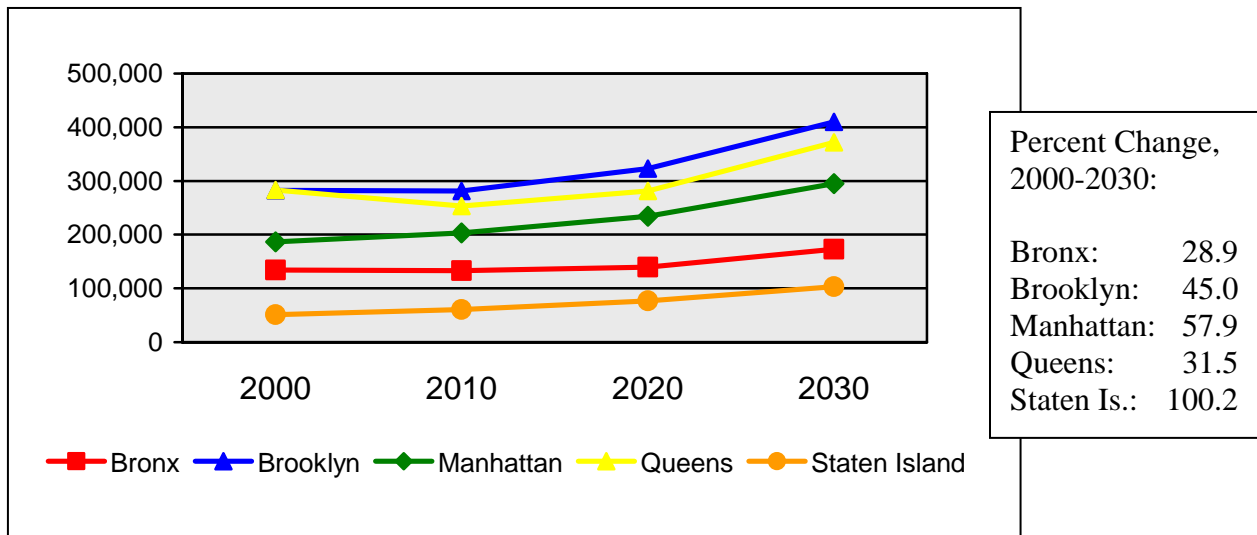
- The aging of large baby boom cohorts, a decline in fertility, and improvements in life expectancy all contribute to a general aging of the population, despite more pronounced migration losses from 2010 to 2030.

- By 2030, every member of the large baby-boom cohort will be at least 65 years old. As a result, the share of the population that is elderly will increase from 11.7 percent in 2000 to 14.8 percent in 2030.

Borough Elderly Population (ages 65 and over), 2000-2030

- Staten Island will see the largest percentage increase, with the elderly population doubling, from 51,000 in 2000 to 103,000 in 2030. The elderly comprised 11.6 percent of Staten Island’s population in 2000 and will account for 18.7 percent of that borough’s population in 2030, the highest in the city.
- Manhattan’s elderly population is projected to increase 57.9 percent, to 295,000 in 2030 and account for 16.1 percent of the borough’s population, up from 12.2 percent in 2000.

Projected Borough Elderly Populations, 2000-2030



Sources: Unadjusted 2000 Census data, DCP Population Projections

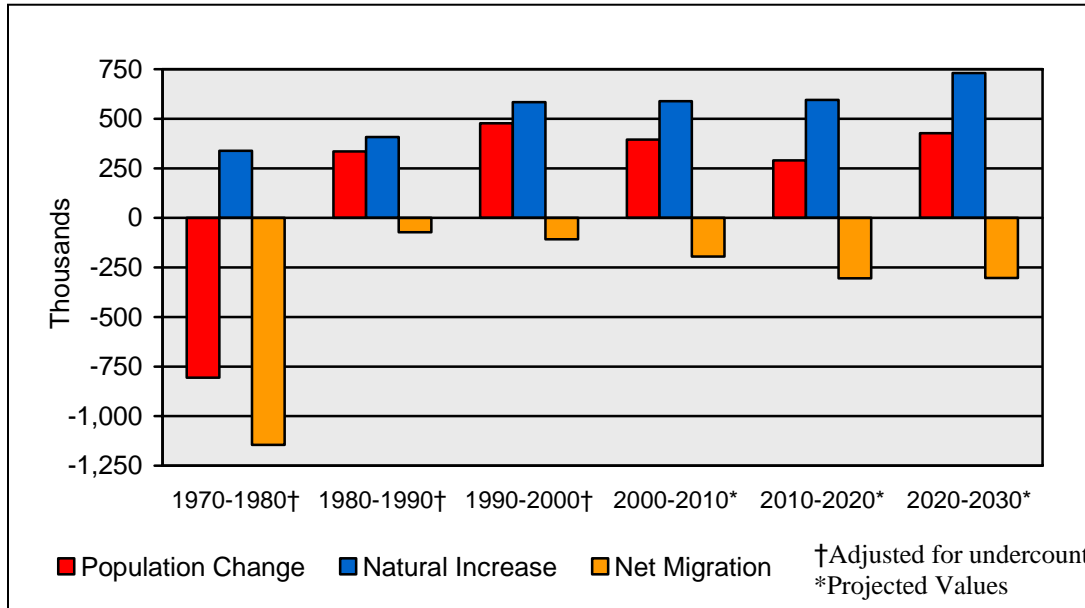
- Brooklyn will continue to have the largest elderly population in the city, numbering 410,000 in 2030, up 45 percent from 2000, while the elderly in Queens will increase 31.5 percent, to 372,000 in 2030. The Bronx will experience the smallest growth (28.9 percent); its projected elderly population of 173,000 in 2030 will comprise just 11.8 percent of its overall population, the smallest share of any borough.

New York City: A Look Back and a Look Ahead, 1950-2030

- While New York’s population grew each decade in the first half of the 20th century, the population declined from nearly 7.9 million in 1950 to under 7.8 million in 1960. High baby boom fertility and domestic inflows in the 1950s did not fully counter the large out-migration to the suburbs, and growth dipped during this period.

- With the enactment of the 1965 Immigration Amendments, immigration increased in the late 1960s, and by 1970 the city’s population rebounded to an adjusted total over 8 million. (For the decennial censuses from 1970 to 2000, the Department of City Planning created an adjusted city population that included the undercount in each of these decennial censuses.)

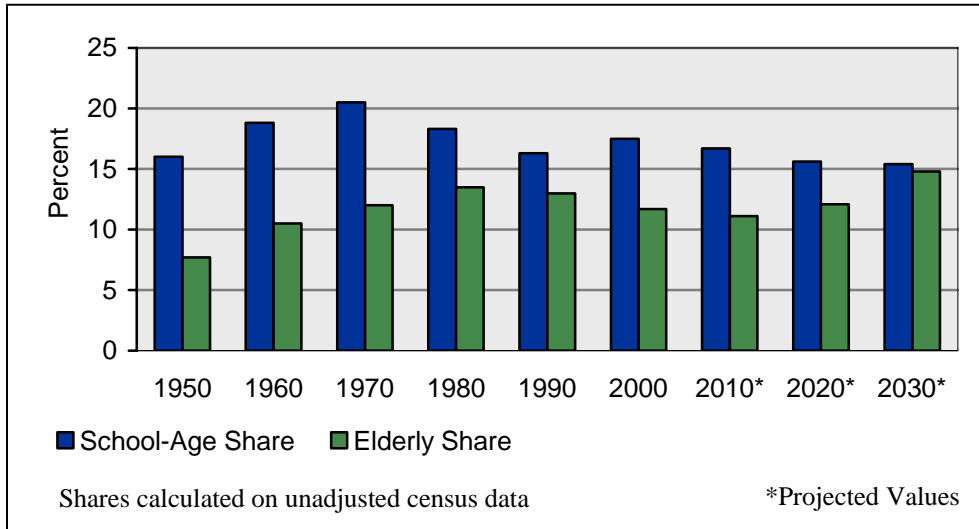
New York City Components of Population Change, 1970-2030



Sources: NYC Vital Statistics data, Decennial census data (adjusted by DCP for undercount), DCP Population Projections

- The increase in immigration in the 1970s, while substantial, was insufficient to counter the very large domestic outflow. As a result, the city’s population declined in the 1970s, dropping to 7.2 million (adjusted for the undercount) in 1980.
- Lower domestic out-migration in the 1980s, a higher level of immigration, and greater natural increase all resulted in a return to growth, with the city’s adjusted population reaching 7.6 million in 1990. When the population is adjusted for the undercount, the city’s population grew by over 6 percent in the 1990s, crossing the 8 million mark in 2000.
- New York City’s population post-2000 will be shaped by low fertility, continued net out-migration, and an aging population. The dramatic demographic changes ahead are encapsulated by the changing shares of the school-age and elderly populations.

Share of School-Age and Elderly Population, New York City, 1950-2030



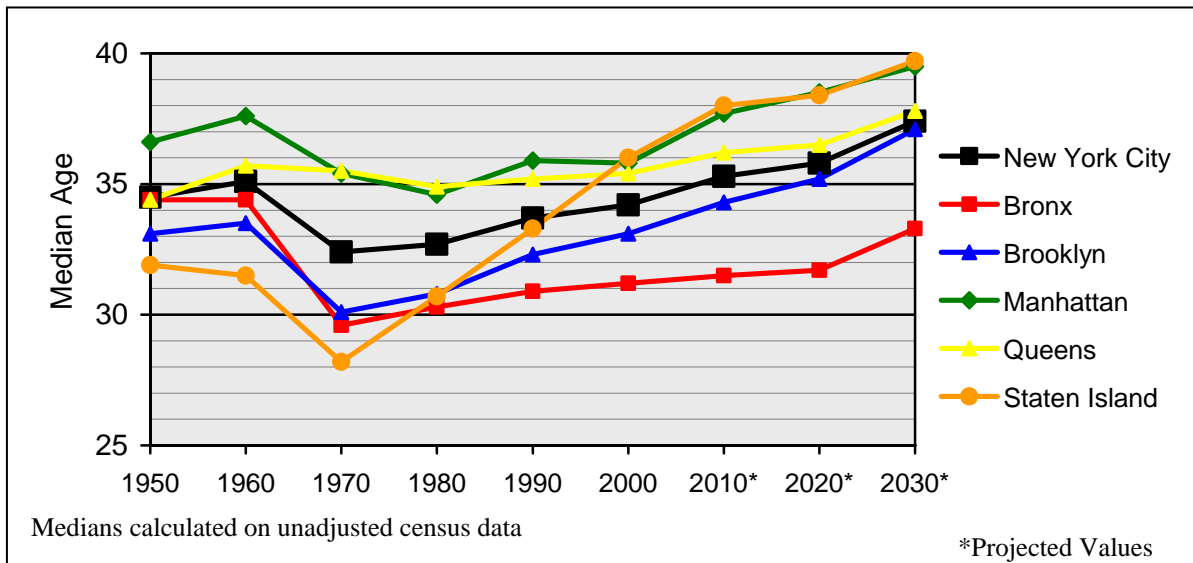
Sources: Unadjusted decennial census data, DCP Population Projections

- In 1950, the share of school-age children was more than twice that of the elderly. By 2030, the school-age population and the population 65 and over will have nearly converged, accounting for 15.4 percent and 14.8 percent of the city’s population, respectively.

The Five Boroughs: A Look Back and a Look Ahead, 1950-2030

- Looking back to 1950 and ahead to 2030, the share of the school-age population peaked in each borough in 1970. In Staten Island, school-age children accounted for over one-quarter of the population in 1970, approximately 23 percent in Brooklyn and the Bronx, 19.1 percent in Queens, and 15.8 percent in Manhattan. By 2030, these shares will be substantially lower in each borough.
- Conversely, the share of the elderly in 2030 will reach a new high in Staten Island, Manhattan, and Brooklyn, fueling increases in their median age. The median age is where one-half of the population is under that age and one-half is over.
- With respect to overall population growth, Staten Island was the only borough to experience growth each decade between 1950 and 2000. It accounted for 2.4 percent of the city’s population in 1950 and 5.5 percent in 2000; it is projected to comprise 6.1 percent of the population in 2030. Given that its growth is fueled by increases in its elderly population, its median age will rise nearly 12 years, from a low of 28.2 years in 1970 to 39.7 years in 2030.

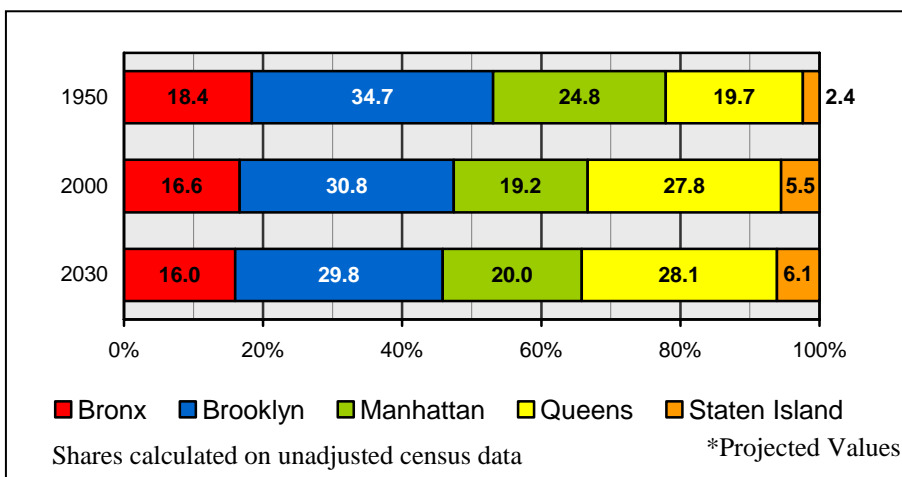
Median Age by Borough, 1950-2030



Sources: Unadjusted decennial census data, DCP Population Projections

- With the exception of the 1970s, the population of Queens increased each decade between 1950 and 2000. Its share of the city’s population has grown from 19.7 percent in 1950 to 27.8 percent in 2000 and it will account for 28.1 percent in 2030. The median age in Queens will increase by less than 3 years, from a low of 34.9 years in 1980 to 37.8 years in 2030.
- The Bronx’s share of the city’s population, which stood at 18.4 percent in 1950 and 16.6 percent in 2000, is projected to decline further to 16 percent in 2030. The Bronx will see its median age increase, from 29.6 years in 1970 to 33.3 years in 2030.

Borough Share of New York City Population, 1950-2030



Sources: Unadjusted decennial census data, DCP Population Projections

- Brooklyn, which comprised 34.7 percent of the city's population in 1950 and 30.8 percent in 2000, is projected to account for 29.8 percent in 2030. Its median will increase nearly 7 years, from a low of 30.1 years in 1970 to 37.1 in 2030.
- Manhattan's population peaked in 1910 at 2.33 million, when it comprised nearly one-half of the city's population. It reached a 20th century low of 1.43 million in 1980, with continued below-average growth in the next two decades. By 2000, Manhattan accounted for just 19.2 percent of the city's population, but it is expected to account for over one-fifth by 2030. Its median age is projected to climb from 34.6 years in 1980 to 39.5 years in 2030, slightly lower than Staten Island's median.
- The increasing longevity of the population, combined with a more substantial share of the city's population that is in the older ages, portends a new demographic era in the city's history.

Important Note: Population totals that were adjusted for the undercount were used in the analysis of the city's population between 1970 and 2000, including the analysis of components of change. Since reliable adjustments were not available by age/sex and borough, all analyses done by age used unadjusted data.

New York City Population by Borough, 2000-2030

	2000	2010	2020	2030
New York City	8,008,278	8,402,213	8,692,564	9,119,811
Bronx	1,332,650	1,401,194	1,420,277	1,457,039
Brooklyn	2,465,326	2,566,836	2,628,211	2,718,967
Manhattan	1,537,195	1,662,701	1,729,530	1,826,547
Queens	2,229,379	2,279,674	2,396,949	2,565,352
Staten Island	443,728	491,808	517,597	551,906

New York City School-Age Population (ages 5 to 17) by Borough, 2000-2030

	2000	2010	2020	2030
New York City	1,404,316	1,406,167	1,356,983	1,401,703
Bronx	288,308	289,564	274,658	286,019
Brooklyn	478,912	465,729	444,430	451,286
Manhattan	187,758	196,127	194,940	196,068
Queens	366,604	368,789	360,202	379,456
Staten Island	82,734	85,958	82,754	88,874

New York City Elderly Population (ages 65 and over) by Borough, 2000-2030

	2000	2010	2020	2030
New York City	937,857	931,650	1,055,950	1,352,375
Bronx	133,948	132,716	139,589	172,653
Brooklyn	282,658	281,517	323,192	409,769
Manhattan	186,776	203,101	234,478	294,919
Queens	283,042	253,522	281,536	372,068
Staten Island	51,433	60,794	77,155	102,966

Detailed Age Tables for New York City and Boroughs, 2000–2030

How to read the tables

The following tables present age distributions for New York City and each borough for five intervals, from 2000 to 2030. Reading left to right, the color of each cell indicates the percent change in population from 2000 to the period specified at the top of each column. As indicated in the legend, red cells display declines in the number of persons compared with 2000, and the blue colored cells indicate increases, with white cells displaying negligible changes. For example, in New York City, the number of persons aged 50-54 in 2015 is projected to increase by greater than 20 percent (dark blue) over the number of 50-54 year olds in 2000 (from 481,267 to 602,521 persons).

The experience of age cohorts (persons born over a specified period) can be followed on each diagonal. This means that any changes in the number of persons along each diagonal are not due to changes in the size of birth cohorts, but to the effects of aging and/or migration. For example, the age cohort of 50-54 year olds in 2000 diminishes as we move along the diagonal, from 481,267 (2000), to 429,823 (2005), to 393,367 (2010), to 338,703 (2015), to 270,659 when this group is 70-74 in 2020. Deaths among members of the age cohort and net migration losses account for the lower numbers as we move forward in time.

Population Projections for Total Population by Age New York City, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	540,878	523,904	527,354	536,810	544,773	549,039	546,601
5–9	561,115	525,356	508,693	508,003	517,690	527,183	532,339
10–14	530,816	573,889	537,532	516,532	516,163	527,453	538,179
15–19	520,641	556,185	599,903	559,104	538,550	539,777	551,975
20–24	589,831	593,361	634,178	678,911	634,446	615,873	618,025
25–29	680,659	679,521	681,653	726,325	779,142	729,830	711,752
30–34	687,362	672,297	671,397	668,645	712,926	767,718	720,872
35–39	660,901	648,632	634,406	628,782	627,212	671,642	724,652
40–44	602,379	648,361	635,853	616,916	612,222	614,546	659,223
45–49	531,118	569,301	613,077	596,498	579,089	578,698	582,104
50–54	481,267	525,717	563,627	602,521	586,417	574,608	575,279
55–59	369,105	429,823	469,524	499,582	534,469	527,260	517,756
60–64	314,349	337,431	393,367	426,211	453,515	494,191	488,679
65–69	259,167	272,301	292,957	338,703	366,944	400,740	437,360
70–74	235,627	208,394	219,210	234,013	270,659	304,701	333,112
75–79	193,221	190,760	169,123	176,408	188,542	230,514	259,599
80–84	128,139	129,823	128,437	113,183	118,116	138,872	169,614
85+	121,703	121,080	121,923	120,090	111,689	130,410	152,690
Total	8,008,278	8,206,135	8,402,213	8,547,236	8,692,564	8,923,055	9,119,811

	Population Decline (of more than 5%)
	Minimal Change (–5 to 4.9%)
	Moderate Growth (5 to 20%)
	High Growth (Greater than 20%)

Percent Change Calculated on 2000 Population
Age groups may not add up to total due to rounding

Population Projections for Male Population by Age New York City, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	276,635	267,546	269,302	274,131	278,202	280,468	279,227
5–9	286,155	268,945	260,072	259,590	264,511	269,319	272,015
10–14	270,582	291,943	274,556	263,364	263,025	268,689	274,083
15–19	265,285	282,669	304,355	284,648	273,698	274,156	280,238
20–24	285,353	292,173	311,197	332,308	311,965	302,308	303,206
25–29	326,702	332,746	339,766	360,595	385,792	363,432	353,942
30–34	335,119	325,884	331,890	336,326	357,129	383,479	362,189
35–39	322,637	316,624	308,072	311,357	315,841	336,837	362,332
40–44	289,976	314,723	308,674	298,016	301,641	307,988	328,994
45–49	250,093	270,767	294,127	286,114	276,389	282,014	288,621
50–54	220,318	243,664	264,035	284,737	276,957	270,396	276,570
55–59	165,458	193,136	213,757	229,953	248,218	245,166	239,867
60–64	139,938	147,513	172,416	189,299	203,713	224,758	222,512
65–69	112,153	116,711	123,262	142,844	156,889	174,295	192,686
70–74	95,920	86,546	90,178	94,423	109,421	125,920	140,086
75–79	73,139	73,403	66,419	68,565	71,839	89,148	102,721
80–84	44,146	46,070	46,382	41,610	42,985	50,552	62,812
85+	34,595	34,832	35,976	36,082	33,862	40,920	48,695
Total	3,794,204	3,905,894	4,014,435	4,093,962	4,172,077	4,289,845	4,390,796

	Population Decline (of more than 5%)
	Minimal Change (–5 to 4.9%)
	Moderate Growth (5 to 20%)
	High Growth (Greater than 20%)

Percent Change Calculated on 2000 Population
Age groups may not add up to total due to rounding

Population Projections for Female Population by Age New York City, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	264,243	256,358	258,052	262,679	266,571	268,571	267,374
5–9	274,960	256,411	248,621	248,413	253,179	257,864	260,324
10–14	260,234	281,946	262,976	253,168	253,138	258,764	264,096
15–19	255,356	273,516	295,548	274,456	264,852	265,621	271,737
20–24	304,478	301,188	322,981	346,603	322,481	313,565	314,819
25–29	353,957	346,775	341,887	365,730	393,350	366,398	357,810
30–34	352,243	346,413	339,507	332,319	355,797	384,239	358,683
35–39	338,264	332,008	326,334	317,425	311,371	334,805	362,320
40–44	312,403	333,638	327,179	318,900	310,581	306,558	330,229
45–49	281,025	298,534	318,950	310,384	302,700	296,684	293,483
50–54	260,949	282,053	299,592	317,784	309,460	304,212	298,709
55–59	203,647	236,687	255,767	269,629	286,251	282,094	277,889
60–64	174,411	189,918	220,951	236,912	249,802	269,433	266,167
65–69	147,014	155,590	169,695	195,859	210,055	226,445	244,674
70–74	139,707	121,848	129,032	139,590	161,238	178,781	193,026
75–79	120,082	117,357	102,704	107,843	116,703	141,366	156,878
80–84	83,993	83,753	82,055	71,573	75,131	88,320	106,802
85+	87,108	86,248	85,947	84,008	77,827	89,490	103,995
Total	4,214,074	4,300,241	4,387,778	4,453,274	4,520,487	4,633,210	4,729,015

Population Projections for Total Population by Age Bronx, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	109,732	104,324	107,103	111,214	113,080	112,609	110,878
5–9	119,767	109,310	103,915	104,385	108,442	110,571	110,221
10–14	107,816	121,541	110,953	103,215	103,710	108,018	110,252
15–19	101,208	110,907	124,493	111,621	104,176	104,958	109,243
20–24	100,352	104,466	114,380	125,667	112,843	105,752	106,659
25–29	101,403	104,276	108,679	116,970	128,883	115,760	108,383
30–34	107,055	99,233	102,038	104,026	111,945	123,723	111,307
35–39	106,501	103,110	95,630	96,201	98,072	105,950	117,190
40–44	93,820	103,085	99,797	90,532	91,099	93,348	101,012
45–49	79,039	87,907	96,699	91,503	82,971	84,041	86,212
50–54	69,671	75,013	83,504	89,867	85,040	77,750	78,838
55–59	55,965	61,868	66,629	72,425	77,973	74,743	68,435
60–64	46,373	49,450	54,658	57,445	62,454	68,508	65,756
65–69	38,072	39,654	42,313	45,598	47,923	53,505	58,736
70–74	32,751	30,074	31,298	32,494	34,970	38,186	42,606
75–79	26,627	25,997	23,917	24,237	25,169	28,577	31,180
80–84	18,009	17,741	17,341	15,562	15,765	17,919	20,253
85+	18,489	18,130	17,847	16,942	15,762	17,702	19,878
Total	1,332,650	1,366,086	1,401,194	1,409,904	1,420,277	1,441,620	1,457,039

	Population Decline (of more than 5%)
	Minimal Change (–5 to 4.9%)
	Moderate Growth (5 to 20%)
	High Growth (Greater than 20%)

Percent Change Calculated on 2000 Population
Age groups may not add up to total due to rounding

Population Projections for Male Population by Age Bronx, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	55,807	53,101	54,515	56,608	57,558	57,335	56,454
5–9	61,021	55,681	52,992	53,050	55,097	56,158	55,980
10–14	54,992	61,821	56,445	52,390	52,447	54,587	55,678
15–19	51,528	56,594	63,289	56,623	52,765	52,955	55,035
20–24	47,722	50,965	55,918	60,916	54,597	51,115	51,330
25–29	46,600	48,686	52,145	56,086	61,256	54,884	51,303
30–34	49,945	45,401	47,438	49,524	53,230	58,278	52,301
35–39	49,344	47,822	43,511	44,325	46,261	49,899	54,645
40–44	43,079	47,530	46,067	40,830	41,603	43,657	47,168
45–49	35,911	39,891	44,098	41,612	36,818	37,790	39,714
50–54	31,075	33,677	37,473	40,387	38,089	33,986	34,920
55–59	24,275	26,996	29,287	31,684	34,158	32,683	29,170
60–64	20,060	20,964	23,322	24,574	26,578	29,285	28,046
65–69	15,638	16,312	17,053	18,388	19,369	21,626	23,840
70–74	12,731	11,890	12,396	12,530	13,485	14,867	16,579
75–79	9,646	9,549	8,936	9,015	9,109	10,467	11,533
80–84	5,827	5,972	5,918	5,343	5,388	6,082	6,975
85+	4,970	4,870	4,905	4,660	4,320	5,026	5,723
Total	620,171	637,722	655,708	658,545	662,128	670,680	676,394

Population Projections for Female Population by Age Bronx, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	53,925	51,223	52,588	54,606	55,522	55,274	54,424
5–9	58,746	53,629	50,923	51,335	53,345	54,413	54,241
10–14	52,824	59,720	54,508	50,825	51,263	53,431	54,574
15–19	49,680	54,313	61,204	54,998	51,411	52,003	54,208
20–24	52,630	53,501	58,462	64,751	58,246	54,637	55,329
25–29	54,803	55,590	56,534	60,884	67,627	60,876	57,080
30–34	57,110	53,832	54,600	54,502	58,715	65,445	59,006
35–39	57,157	55,288	52,119	51,876	51,811	56,051	62,545
40–44	50,741	55,555	53,730	49,702	49,496	49,691	53,844
45–49	43,128	48,016	52,601	49,891	46,153	46,251	46,498
50–54	38,596	41,336	46,031	49,480	46,951	43,764	43,918
55–59	31,690	34,872	37,342	40,741	43,815	42,060	39,265
60–64	26,313	28,486	31,336	32,871	35,876	39,223	37,710
65–69	22,434	23,342	25,260	27,210	28,554	31,879	34,896
70–74	20,020	18,184	18,902	19,964	21,485	23,319	26,027
75–79	16,981	16,448	14,981	15,222	16,060	18,110	19,647
80–84	12,182	11,769	11,423	10,219	10,377	11,837	13,278
85+	13,519	13,260	12,942	12,282	11,442	12,676	14,155
Total	712,479	728,364	745,486	751,359	758,149	770,940	780,645

Population Decline (of more than 5%)
Minimal Change (–5 to 4.9%)
Moderate Growth (5 to 20%)
High Growth (Greater than 20%)

Percent Change Calculated on 2000 Population
Age groups may not add up to total due to rounding

Population Projections for Total Population by Age Brooklyn, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	182,599	174,319	175,499	177,989	178,823	177,588	174,691
5–9	189,677	176,236	168,285	168,178	170,750	171,945	170,992
10–14	182,866	192,815	179,201	169,909	169,971	172,931	174,372
15–19	177,281	186,933	197,071	182,011	172,848	173,320	176,536
20–24	183,217	185,013	195,087	204,247	188,878	179,953	180,675
25–29	197,427	200,154	202,207	211,946	222,179	205,867	196,294
30–34	192,287	192,217	194,934	195,495	205,108	215,643	200,104
35–39	189,671	182,777	182,788	183,945	184,632	194,409	204,665
40–44	178,929	188,821	182,011	180,743	182,073	183,573	193,572
45–49	161,246	168,103	177,479	169,788	168,788	171,056	172,691
50–54	145,954	162,580	169,566	177,793	170,241	170,546	173,033
55–59	106,000	127,532	142,146	147,063	154,379	149,677	150,182
60–64	95,514	98,942	119,046	131,665	136,349	145,621	141,391
65–69	77,839	83,321	86,376	103,041	114,070	121,194	129,598
70–74	71,826	62,769	67,218	69,097	82,423	94,762	100,793
75–79	59,036	58,941	51,595	54,762	56,369	70,902	81,526
80–84	38,450	39,605	39,552	34,358	36,486	41,306	51,844
85+	35,507	35,974	36,776	36,563	33,844	39,961	46,008
Total	2,465,326	2,517,052	2,566,836	2,598,593	2,628,211	2,680,254	2,718,967

Population Projections for Male Population by Age Brooklyn, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	93,424	88,981	89,584	90,855	91,281	90,677	89,198
5–9	96,744	90,328	86,053	85,949	87,258	87,852	87,373
10–14	93,354	97,967	91,501	86,506	86,482	87,966	88,665
15–19	90,361	95,366	100,055	92,824	87,904	88,081	89,672
20–24	88,946	91,477	96,529	100,469	93,360	88,738	89,013
25–29	93,477	97,110	99,937	104,787	109,199	101,673	96,685
30–34	91,186	90,848	94,408	96,391	101,158	105,716	98,556
35–39	89,121	85,860	85,576	88,196	90,129	94,925	99,304
40–44	83,619	88,775	85,551	84,621	87,298	89,623	94,508
45–49	74,239	77,816	82,665	79,003	78,219	81,257	83,530
50–54	66,050	73,849	77,452	81,672	78,113	78,030	81,166
55–59	46,737	56,709	63,455	65,969	69,651	67,586	67,602
60–64	41,593	42,487	51,563	57,206	59,532	64,160	62,336
65–69	33,104	34,960	35,726	42,956	47,706	51,212	55,264
70–74	28,669	25,480	26,914	27,230	32,755	38,105	40,956
75–79	22,200	22,402	19,945	20,851	21,118	27,127	31,568
80–84	13,279	13,995	14,129	12,448	13,025	14,802	19,011
85+	10,343	10,552	10,991	11,030	10,239	12,453	14,529
Total	1,156,446	1,184,962	1,212,033	1,228,963	1,244,427	1,269,983	1,288,936

	Population Decline (of more than 5%)
	Minimal Change (–5 to 4.9%)
	Moderate Growth (5 to 20%)
	High Growth (Greater than 20%)

Percent Change Calculated on 2000 Population
Age groups may not add up to total due to rounding

Population Projections for Female Population by Age Brooklyn, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	89,175	85,338	85,915	87,134	87,542	86,911	85,493
5–9	92,933	85,908	82,232	82,229	83,492	84,093	83,619
10–14	89,512	94,848	87,700	83,403	83,489	84,965	85,707
15–19	86,920	91,567	97,016	89,187	84,944	85,239	86,864
20–24	94,271	93,536	98,558	103,778	95,518	91,215	91,662
25–29	103,950	103,044	102,270	107,159	112,980	104,194	99,609
30–34	101,101	101,369	100,526	99,104	103,950	109,927	101,548
35–39	100,550	96,917	97,212	95,749	94,503	99,484	105,361
40–44	95,310	100,046	96,460	96,122	94,775	93,950	99,064
45–49	87,007	90,287	94,814	90,785	90,569	89,799	89,161
50–54	79,904	88,731	92,114	96,121	92,128	92,516	91,867
55–59	59,263	70,823	78,691	81,094	84,728	82,091	82,580
60–64	53,921	56,455	67,483	74,459	76,817	81,461	79,055
65–69	44,735	48,361	50,650	60,085	66,364	69,982	74,334
70–74	43,157	37,289	40,304	41,867	49,668	56,657	59,837
75–79	36,836	36,539	31,650	33,911	35,251	43,775	49,958
80–84	25,171	25,610	25,423	21,910	23,461	26,504	32,833
85+	25,164	25,422	25,785	25,533	23,605	27,508	31,479
Total	1,308,880	1,332,090	1,354,803	1,369,630	1,383,784	1,410,271	1,430,031

Population Projections for Total Population by Age Manhattan, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	76,048	79,450	80,484	80,092	79,619	80,905	81,961
5–9	73,358	69,965	73,262	72,706	72,344	72,246	73,587
10–14	69,288	74,186	70,872	72,835	72,275	72,209	72,260
15–19	75,186	81,478	86,655	81,887	83,868	83,619	83,702
20–24	120,674	115,768	125,632	132,176	124,799	128,205	127,975
25–29	167,563	160,999	153,903	166,663	176,395	166,018	171,327
30–34	163,589	166,004	159,808	149,940	162,418	172,799	162,977
35–39	138,792	149,676	152,117	143,489	134,714	146,758	156,443
40–44	118,434	130,747	141,284	140,767	132,757	125,475	136,998
45–49	106,870	111,841	123,689	131,051	130,605	124,161	117,548
50–54	98,871	105,036	110,095	119,444	126,600	127,501	121,392
55–59	78,059	90,889	96,727	99,281	107,684	115,827	116,961
60–64	63,687	72,882	85,072	88,676	90,974	100,624	108,497
65–69	52,358	57,633	66,162	75,639	78,784	83,020	91,964
70–74	46,670	43,336	47,807	53,618	61,267	66,429	70,129
75–79	37,371	38,759	36,053	38,892	43,639	52,829	57,352
80–84	24,790	25,984	26,946	24,402	26,317	32,541	39,412
85+	25,587	25,477	26,133	25,940	24,471	29,489	36,062
Total	1,537,195	1,600,110	1,662,701	1,697,498	1,729,530	1,780,655	1,826,547

	Population Decline (of more than 5%)
	Minimal Change (–5 to 4.9%)
	Moderate Growth (5 to 20%)
	High Growth (Greater than 20%)

Percent Change Calculated on 2000 Population
Age groups may not add up to total due to rounding

Population Projections for Male Population by Age Manhattan, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	38,994	40,584	41,112	40,912	40,670	41,339	41,878
5–9	37,164	35,883	37,446	37,194	36,990	36,924	37,618
10–14	35,179	37,573	36,352	37,260	36,988	36,921	36,929
15–19	37,018	39,995	42,526	40,612	41,505	41,384	41,390
20–24	55,119	53,880	58,197	61,104	58,389	59,834	59,737
25–29	79,447	77,340	75,501	81,343	85,824	81,861	84,215
30–34	81,953	81,374	79,373	76,131	82,003	86,929	83,059
35–39	71,510	76,531	76,169	72,885	69,887	75,676	80,364
40–44	59,285	66,836	71,685	69,989	66,939	64,629	70,118
45–49	51,450	55,035	62,203	65,450	63,862	61,613	59,608
50–54	45,274	49,116	52,690	58,511	61,553	60,724	58,688
55–59	35,190	40,537	44,106	46,394	51,515	55,086	54,459
60–64	28,901	31,958	36,928	39,404	41,431	47,079	50,463
65–69	23,501	25,015	27,741	31,407	33,497	36,388	41,457
70–74	19,932	18,964	20,231	21,923	24,785	27,719	30,174
75–79	14,258	15,652	14,933	15,569	16,858	20,450	22,927
80–84	8,373	9,283	10,216	9,484	9,876	12,017	14,606
85+	6,986	7,140	7,706	8,096	7,858	9,695	11,884
Total	729,534	762,696	795,115	813,668	830,430	856,268	879,574

Population Projections for Female Population by Age Manhattan, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	37,054	38,866	39,372	39,180	38,949	39,566	40,083
5–9	36,194	34,082	35,816	35,512	35,354	35,322	35,969
10–14	34,109	36,613	34,520	35,575	35,287	35,288	35,331
15–19	38,168	41,483	44,129	41,275	42,363	42,235	42,312
20–24	65,555	61,888	67,435	71,072	66,410	68,371	68,238
25–29	88,116	83,659	78,402	85,320	90,571	84,157	87,112
30–34	81,636	84,630	80,435	73,809	80,415	85,870	79,918
35–39	67,282	73,145	75,948	70,604	64,827	71,082	76,079
40–44	59,149	63,911	69,599	70,778	65,818	60,846	66,880
45–49	55,420	56,806	61,486	65,601	66,743	62,548	57,940
50–54	53,597	55,920	57,405	60,933	65,047	66,777	62,704
55–59	42,869	50,352	52,621	52,887	56,169	60,741	62,502
60–64	34,786	40,924	48,144	49,272	49,543	53,545	58,034
65–69	28,857	32,618	38,421	44,232	45,287	46,632	50,507
70–74	26,738	24,372	27,576	31,695	36,482	38,710	39,955
75–79	23,113	23,107	21,120	23,323	26,781	32,379	34,425
80–84	16,417	16,701	16,730	14,918	16,441	20,524	24,806
85+	18,601	18,337	18,427	17,844	16,613	19,794	24,178
Total	807,661	837,414	867,586	883,830	899,100	924,387	946,973

	Population Decline (of more than 5%)
	Minimal Change (–5 to 4.9%)
	Moderate Growth (5 to 20%)
	High Growth (Greater than 20%)

Percent Change Calculated on 2000 Population
Age groups may not add up to total due to rounding

Population Projections for Total Population by Age Queens, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	142,716	136,839	135,085	137,148	141,491	145,216	146,469
5–9	145,346	138,301	132,483	132,373	134,558	139,327	143,399
10–14	138,643	149,983	142,601	138,166	138,204	140,947	146,323
15–19	137,692	144,539	156,175	150,221	145,733	146,289	149,557
20–24	158,625	158,679	166,498	181,753	174,978	170,366	171,409
25–29	184,885	184,741	184,717	195,773	213,998	206,737	201,733
30–34	190,295	182,651	182,393	184,568	195,803	214,907	208,195
35–39	188,959	178,487	171,184	173,095	175,368	186,985	205,785
40–44	174,500	186,843	176,342	171,127	173,198	176,476	188,692
45–49	151,517	164,849	176,356	168,511	163,706	166,894	170,515
50–54	135,984	150,088	163,153	176,616	168,941	165,608	169,246
55–59	105,655	119,909	132,191	145,589	157,791	153,041	150,458
60–64	91,520	94,377	106,974	119,423	131,644	145,474	141,503
65–69	76,380	76,197	78,508	90,162	100,693	114,130	126,447
70–74	71,092	59,404	59,199	61,909	71,081	82,598	93,796
75–79	59,790	55,708	46,581	47,099	49,311	59,908	69,664
80–84	39,816	38,702	36,093	30,859	31,238	36,038	43,728
85+	35,964	34,343	33,141	32,153	29,213	33,449	38,433
Total	2,229,379	2,254,639	2,279,674	2,336,544	2,396,949	2,484,390	2,565,352

Population Projections for Male Population by Age Queens, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	73,081	69,958	69,061	70,116	72,335	74,260	74,901
5–9	74,303	70,761	67,691	67,672	68,798	71,245	73,360
10–14	70,583	76,665	72,975	70,647	70,713	72,132	74,902
15–19	71,186	74,064	80,367	77,423	75,056	75,405	77,116
20–24	79,945	80,804	84,035	92,182	88,899	86,539	87,157
25–29	92,634	94,900	95,880	100,762	110,683	107,137	104,532
30–34	95,355	92,195	94,393	96,549	101,578	112,045	108,773
35–39	94,666	89,482	86,475	89,693	91,858	97,161	107,473
40–44	86,157	92,761	87,634	85,751	89,055	91,775	97,353
45–49	72,918	80,415	86,536	82,824	81,150	84,999	87,861
50–54	63,371	71,309	78,611	85,668	82,092	81,295	85,400
55–59	48,102	55,121	61,992	69,310	75,644	73,663	73,180
60–64	41,129	41,921	48,003	54,745	61,292	68,456	66,876
65–69	33,231	33,174	33,787	39,254	44,813	51,890	58,134
70–74	28,964	24,727	24,668	25,531	29,666	35,558	41,282
75–79	23,031	21,325	18,228	18,482	19,152	23,883	28,689
80–84	14,283	14,042	13,008	11,370	11,547	13,459	16,811
85+	10,629	10,310	10,086	9,801	8,950	10,679	12,592
Total	1,073,568	1,093,933	1,113,430	1,147,780	1,183,281	1,231,581	1,276,392

	Population Decline (of more than 5%)
	Minimal Change (–5 to 4.9%)
	Moderate Growth (5 to 20%)
	High Growth (Greater than 20%)

Percent Change Calculated on 2000 Population
Age groups may not add up to total due to rounding

Population Projections for Female Population by Age Queens, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	69,635	66,881	66,024	67,032	69,156	70,956	71,568
5–9	71,043	67,540	64,792	64,701	65,760	68,082	70,039
10–14	68,060	73,318	69,626	67,519	67,491	68,815	71,421
15–19	66,506	70,475	75,808	72,798	70,677	70,884	72,441
20–24	78,680	77,875	82,463	89,571	86,079	83,827	84,252
25–29	92,251	89,841	88,837	95,011	103,315	99,600	97,201
30–34	94,940	90,456	88,000	88,019	94,225	102,862	99,422
35–39	94,293	89,005	84,709	83,402	83,510	89,824	98,312
40–44	88,343	94,082	88,708	85,376	84,143	84,701	91,339
45–49	78,599	84,434	89,820	85,687	82,556	81,895	82,654
50–54	72,613	78,779	84,542	90,948	86,849	84,313	83,846
55–59	57,553	64,788	70,199	76,279	82,147	79,378	77,278
60–64	50,391	52,456	58,971	64,678	70,352	77,018	74,627
65–69	43,149	43,023	44,721	50,908	55,880	62,240	68,313
70–74	42,128	34,677	34,531	36,378	41,415	47,040	52,514
75–79	36,759	34,383	28,353	28,617	30,159	36,025	40,975
80–84	25,533	24,660	23,085	19,489	19,691	22,579	26,917
85+	25,335	24,033	23,055	22,352	20,263	22,770	25,841
Total	1,155,811	1,160,706	1,166,244	1,188,764	1,213,668	1,252,809	1,288,960

Population Projections for Total Population by Age Staten Island, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	29,783	28,972	29,183	30,367	31,760	32,721	32,602
5–9	32,967	31,544	30,748	30,361	31,596	33,094	34,140
10–14	32,203	35,364	33,905	32,407	32,003	33,348	34,972
15–19	29,274	32,328	35,509	33,364	31,925	31,591	32,937
20–24	26,963	29,435	32,581	35,068	32,948	31,597	31,307
25–29	29,381	29,351	32,147	34,973	37,687	35,448	34,015
30–34	34,136	32,192	32,224	34,616	37,652	40,646	38,289
35–39	36,978	34,582	32,687	32,052	34,426	37,540	40,569
40–44	36,696	38,865	36,419	33,747	33,095	35,674	38,949
45–49	32,446	36,601	38,854	35,645	33,019	32,546	35,138
50–54	30,787	33,000	37,309	38,801	35,595	33,203	32,770
55–59	23,426	29,625	31,831	35,224	36,642	33,972	31,720
60–64	17,255	21,780	27,617	29,002	32,094	33,964	31,532
65–69	14,518	15,496	19,598	24,263	25,474	28,891	30,615
70–74	13,288	12,811	13,688	16,895	20,918	22,726	25,788
75–79	10,397	11,355	10,977	11,418	14,054	18,298	19,877
80–84	7,074	7,791	8,505	8,002	8,310	11,068	14,377
85+	6,156	7,156	8,026	8,492	8,399	9,809	12,309
Total	443,728	468,248	491,808	504,697	517,597	536,136	551,906

	Population Decline (of more than 5%)
	Minimal Change (–5 to 4.9%)
	Moderate Growth (5 to 20%)
	High Growth (Greater than 20%)

Percent Change Calculated on 2000 Population
Age groups may not add up to total due to rounding

Population Projections for Male Population by Age Staten Island, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	15,329	14,922	15,030	15,640	16,358	16,857	16,796
5–9	16,923	16,292	15,890	15,725	16,368	17,140	17,684
10–14	16,474	17,917	17,283	16,561	16,395	17,083	17,909
15–19	15,192	16,650	18,118	17,166	16,468	16,331	17,025
20–24	13,621	15,047	16,518	17,637	16,720	16,082	15,969
25–29	14,544	14,710	16,303	17,617	18,830	17,877	17,207
30–34	16,680	16,066	16,278	17,731	19,160	20,511	19,500
35–39	17,996	16,929	16,341	16,258	17,706	19,176	20,546
40–44	17,836	18,821	17,737	16,825	16,746	18,304	19,847
45–49	15,575	17,610	18,625	17,225	16,340	16,355	17,908
50–54	14,548	15,713	17,809	18,499	17,110	16,361	16,396
55–59	11,154	13,773	14,917	16,596	17,250	16,148	15,456
60–64	8,255	10,183	12,600	13,370	14,880	15,778	14,791
65–69	6,679	7,250	8,955	10,839	11,504	13,179	13,991
70–74	5,624	5,485	5,969	7,209	8,730	9,671	11,095
75–79	4,004	4,475	4,377	4,648	5,602	7,221	8,004
80–84	2,384	2,778	3,111	2,965	3,149	4,192	5,409
85+	1,667	1,960	2,288	2,495	2,495	3,067	3,967
Total	214,485	226,581	238,149	245,006	251,811	261,333	269,500

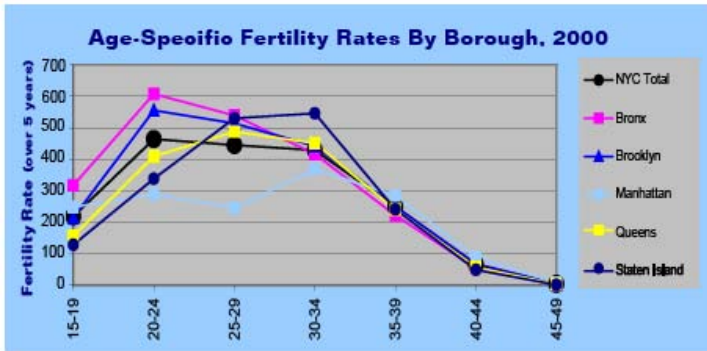
Population Projections for Female Population by Age Staten Island, 2000–2030

Age	2000	2005	2010	2015	2020	2025	2030
0–4	14,454	14,050	14,153	14,727	15,402	15,864	15,806
5–9	16,044	15,252	14,858	14,636	15,228	15,954	16,456
10–14	15,729	17,447	16,622	15,846	15,608	16,265	17,063
15–19	14,082	15,678	17,391	16,198	15,457	15,260	15,912
20–24	13,342	14,388	16,063	17,431	16,228	15,515	15,338
25–29	14,837	14,641	15,844	17,356	18,857	17,571	16,808
30–34	17,456	16,126	15,946	16,885	18,492	20,135	18,789
35–39	18,982	17,653	16,346	15,794	16,720	18,364	20,023
40–44	18,860	20,044	18,682	16,922	16,349	17,370	19,102
45–49	16,871	18,991	20,229	18,420	16,679	16,191	17,230
50–54	16,239	17,287	19,500	20,302	18,485	16,842	16,374
55–59	12,272	15,852	16,914	18,628	19,392	17,824	16,264
60–64	9,000	11,597	15,017	15,632	17,214	18,186	16,741
65–69	7,839	8,246	10,643	13,424	13,970	15,712	16,624
70–74	7,664	7,326	7,719	9,686	12,188	13,055	14,693
75–79	6,393	6,880	6,600	6,770	8,452	11,077	11,873
80–84	4,690	5,013	5,394	5,037	5,161	6,876	8,968
85+	4,489	5,196	5,738	5,997	5,904	6,742	8,342
Total	229,243	241,667	253,659	259,691	265,786	274,803	282,406

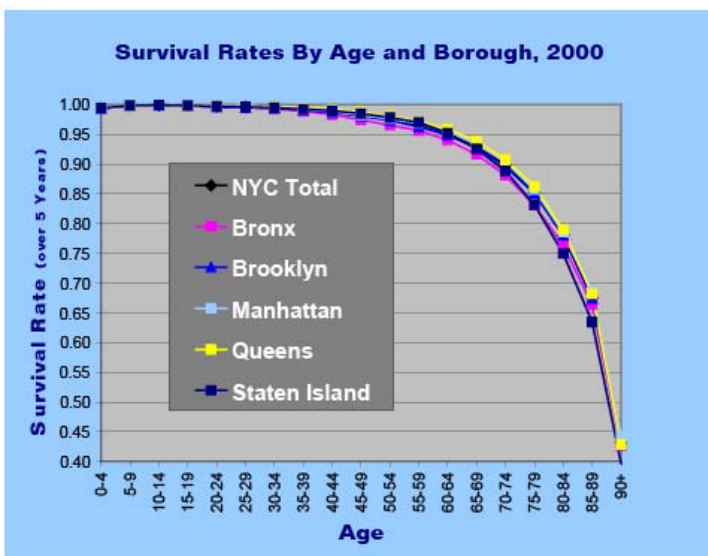
	Population Decline (of more than 5%)
	Minimal Change (–5 to 4.9%)
	Moderate Growth (5 to 20%)
	High Growth (Greater than 20%)

*Percent Change Calculated on 2000 Population
Age groups may not add up to total due to rounding*

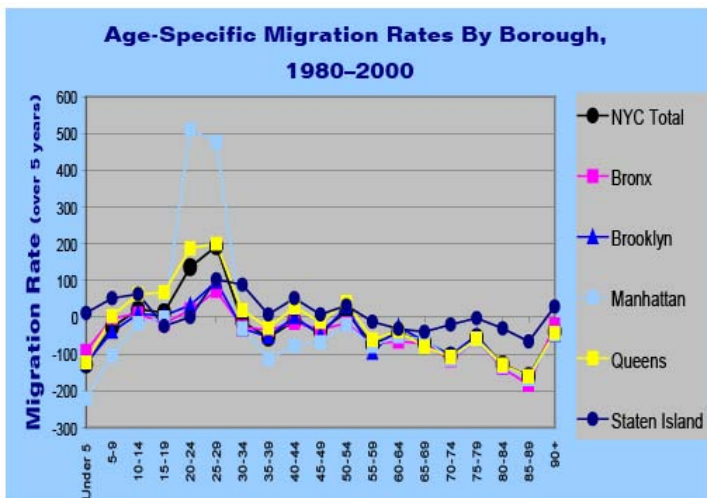
Fertility



Mortality



Migration



LIMITATIONS OF METHODOLOGY: The results discussed in this document are based on a series of assumptions regarding fertility, mortality, and migration that may or may not hold true for the future. The assumptions are reasonable, given what we know now, but may change, especially regarding migration.

METHODOLOGY

These population projections were created using standard demographic techniques that take existing men and women in different age groups (“age/sex cohorts”) and move them forward through time using assumptions on future births, deaths, and migration. This “cohort component model” projects not only total population but creates a new age/sex distribution at five year intervals for the 2000-2030 period. These projections were benchmarked on an independently derived projection that was based on housing production, changes in each borough’s land use, and planned rezoning.

In order to project births into the future, we averaged births in 1999, 2000, and 2001, and calculated age-specific rates based on the 2000 population. The age-specific fertility rates determine how births are distributed by age of the mother. For example, residents of Manhattan exhibited a pattern of delayed fertility, with higher age-specific fertility rates at the older child-bearing ages. Since fertility rates are relatively low and given the difficulty in projecting fertility, these rates were kept constant for the entire 2000-2030 period.

To project deaths, we averaged deaths in 1999, 2000, and 2001, and age-specific death rates were calculated based on the 2000 population, which were then used in a life table to calculate survival rates by age. These rates represent the percentage of persons who are likely to survive to the next five year time point. Naturally, younger age groups have much higher survival rates than older ones, but no age group is immune from death over a five year period. In our projections, the 2000 survival data were used from 2000 to 2020, but for the 2020-2030 period, survival was increased for each age group by applying age-specific improvements anticipated by the National Center for Health Statistics.

Since migration is the most volatile component, age-specific rates were calculated for a longer period, 1980-2000, by applying survival rates to the initial decennial census household population. With the exception of Staten Island, all boroughs have a net outflow for those under the age of 5, as new parents often leave for the suburbs to raise their children. In contrast, migration rates are positive for those ages 20-29 in each borough, with extremely high positive net-migration for Manhattan and, to a lesser extent, Queens. Among those ages 30 to 54, migration rates tend to be close to zero, with the notable exception of Manhattan. For those ages 55 to 89, migration rates are negative for all boroughs. These rates were adjusted for the 2000-2010 period to match the Census Bureau’s revised population estimates in 2005. The suburban counties have a median age higher than that of the city, and we expect the aging of the suburbs to result in more housing becoming available. Given the continued desirability of suburban residence, we project greater outflows from the city in the 2010-2030 period, as increasing numbers of city residents take advantage of these housing opportunities. In Queens, migration was set close to the 1980-2000 average.

Adjusting for Undercount

Enumerated and Adjusted Census Populations, 1970-2000

	<u>Enumerated</u>	<u>Adjusted</u>
1970	7,894,862	8,038,121
1980	7,071,559	7,231,639
1990	7,322,654	7,567,146
2000	8,008,278	8,044,075

ADJUSTMENT METHODOLOGY

Evaluation of census coverage (or “undercount”) is generally done through the creation of independent estimates of population that can be compared with results from the decennial census. Post-enumeration surveys or estimates derived from demographic analysis (i.e., changes in births, deaths, and migration since the previous census) are the main methods used to construct independent estimates of population. For 1970 through 2000, estimates derived from at least one of these methods were used to evaluate the level of undercount. For 1970, the estimate was restricted to the black population, since other groups were not separately identified; for 1980, we used an estimate of undercount that was used by the New York State Department of Commerce (State Data Center) for their projections; in 1990, the Census Bureau’s Post-Enumeration Survey (PES) results were used to adjust the population; and in 2000, the Census Bureau’s Accuracy and Coverage Evaluation (ACE) results were utilized.

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