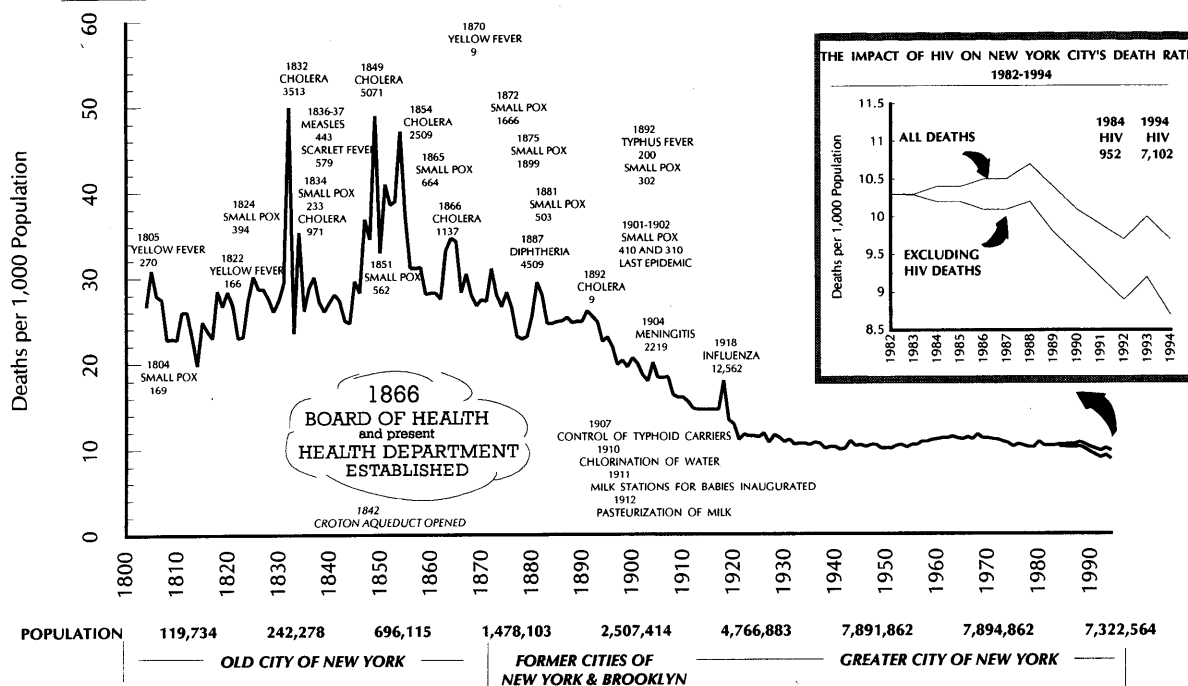


# SUMMARY OF VITAL STATISTICS 1994

## THE CITY OF NEW YORK

### The Conquest of Pestilence in New York City

...As Shown by the Death Rate as Recorded in the Official Records of the Department of Health.



OFFICE OF VITAL STATISTICS AND EPIDEMIOLOGY

NEW YORK CITY DEPARTMENT OF HEALTH, 125 WORTH STREET, BOX 7, NEW YORK, NEW YORK 10013

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**For corrections to Tables 3, 5, 7, 18, 20 and 21, see ERRATA insert.**

**SUMMARY OF VITAL STATISTICS 1994  
THE CITY OF NEW YORK  
ERRATA**

Tables 3, 5 and 7 contain incorrect borough of residence for several deaths. Correct data are shown in bold type below.

**Table 3. Deaths by Cause and Borough of Residence, New York City, 1994**

Cause (ICD-9 Code*)	BOROUGH OF RESIDENCE							
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond	Non-Residents	Residence Unknown
Total Deaths	71,038	13,984	11,662	20,947	16,197	3,410	4,167	<b>671</b>
All Natural Causes	67,204	<b>13,320</b>	<b>10,980</b>	<b>19,851</b>	15,376	3,276	3,927	<b>474</b>
3. Acquired immunodeficiency syndrome (042)	6,956	<b>2,120</b>	1,481	1,927	928	184	220	<b>96</b>
8. Malignant neoplasms, all (140-208)	15,298	2,930	<b>2,238</b>	<b>4,189</b>	<b>3,540</b>	825	1,536	<b>40</b>
Breast and genito-urinary organs (174, 179-189)	3,919	759	<b>579</b>	1,069	<b>917</b>	212	373	<b>10</b>
Ovary and other uterine adnexa (183)	409	84	<b>48</b>	100	96	26	53	<b>2</b>
Other and unspecified sites (Rest of 140-199)	1,515	291	216	<b>395</b>	331	77	198	<b>7</b>
12. Drug dependence and accidental drug poisoning**	1,068	<b>281</b>	201	259	143	30	103	<b>51</b>
Drug dependence (304)	1,033	<b>273</b>	199	252	138	26	98	<b>47</b>
14. Total cardiovascular diseases (390-459)	31,048	5,195	<b>4,625</b>	<b>9,797</b>	<b>8,172</b>	1,714	1,366	<b>179</b>
Heart diseases (393-398, 402, 404-429)	27,536	4,428	<b>4,059</b>	<b>8,759</b>	<b>7,385</b>	1,555	1,192	<b>158</b>
Ischemic heart disease (410-414)	22,635	3,317	<b>3,074</b>	<b>7,348</b>	<b>6,374</b>	1,441	974	<b>107</b>
Other forms of heart disease (420-429)	3,059	653	<b>664</b>	872	620	72	149	<b>29</b>
24. Congenital anomalies (740-759)	398	46	69	120	79	11	72	<b>1</b>

**Table 5. Deaths and Death Rates per 100,000 Population from Selected Causes by Health Center District of Residence, New York City, 1994**

Health Center District	All Causes		Heart Disease		Malignant Neoplasms		AIDS	
	No.	Rate Per 1,000	No.	Rate	No.	Rate	No.	Rate
MANHATTAN	13,984	9.4	4,428	297.7	2,930	197.0	2,120	142.5
BRONX	11,662	9.7	4,059	337.2	2,238	185.9	1,481	123.0
BROOKLYN	20,947	9.1	8,759	380.7	4,189	182.1	1,927	83.8
RESIDENCE UNKNOWN	<b>671</b>	-	158	-	40	-	<b>96</b>	-

**Table 7. Deaths by Ancestry and Borough of Residence, New York City, 1994**

Ancestry	Borough of Residence						Non-Residents	Residence Unknown
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond		
Other Hispanic	1,389	265	297	340	320	41	<b>66</b>	<b>60</b>
Total	71,038	13,984	11,662	20,947	16,197	3,410	<b>4,167</b>	<b>671</b>

Tables 18, 20 and 21 contain incorrect borough of residence for one live birth. Correct data are shown in bold type below.

**Table 18. Live Births, Spontaneous and Induced Terminations of Pregnancy, by Borough of Residence and Age of Woman, New York City, 1994**

Borough of Residence/ Pregnancy Outcome	Total	Age of Woman								Unknown & Not Stated
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40 & Over	
BROOKLYN	<b>78,609</b>	411	4,406	6,315	20,997	<b>20,175</b>	15,605	8,183	2,371	146
Live Births	<b>42,920</b>	146	1,977	2,981	10,715	<b>11,480</b>	9,532	4,830	1,240	19
RESIDENCE UNKNOWN	333	2	17	39	82	<b>59</b>	57	43	6	28
Live Births	<b>133</b>	2	10	17	32	<b>30</b>	26	13	2	1

**Table 20. Live Births, Spontaneous Terminations of 28 Weeks Gestation and Over and Induced Terminations of Pregnancy by Boroughs of Residence and Occurrence, New York City, 1994**

Borough of Residence/ Pregnancy Outcome	Total	Borough of Occurrence				
		Manhattan	Bronx	Brooklyn	Queens	Richmond
BROOKLYN	<b>74,529</b>	21,840	223	43,859	<b>8,097</b>	510
Live Births	<b>42,920</b>	6,953	98	34,086	<b>1,282</b>	501
RESIDENCE UNKNOWN	311	159	41	44	<b>65</b>	2
Live Births	<b>133</b>	33	34	32	<b>32</b>	2

**Table 21. Live Births by Ancestry of Mother and Borough of Residence, New York City, 1994**

Ancestry of Mother	Total	Borough of Residence					Non-Residents	Residence Unknown
		Manhattan	Bronx	Brooklyn	Queens	Richmond		
Total	133,662	20,963	24,351	<b>42,920</b>	29,631	6,025	9,639	<b>133</b>
African-American	24,190	3,503	5,485	<b>9,722</b>	4,234	684	526	<b>36</b>

**Table 1. Population, Births, Marriages, Deaths and Infant Mortality, New York City, 1898-1994**

Year	Population April 1	Live Births		Marriages		Deaths		Infant Mortality	
		Total Reported	Rate per 1,000 Population	Total Reported	Rate per 1,000 Population	Total Reported	Rate per 1,000 Population	Deaths under one year	Rate per 1,000 live births
1898-1900	3,358,000	119,000	35.4	30,535	9.1	67,503	20.1	16,264	136.7
1901-1905	3,786,000	129,000	34.1	37,988	10.0	71,689	18.9	15,611	121.0
1906-1910	4,473,000	144,000	32.2	44,966	10.1	75,865	17.0	16,609	115.3
1911-1915	5,049,000	140,581	27.8	51,157	10.1	74,666	14.8	14,060	100.0
1916-1920	5,492,000	136,101	24.8	59,081	10.8	80,435	14.6	12,004	88.2
1921-1925	6,175,000	130,462	21.1	62,710	10.2	69,303	11.2	8,985	68.9
1926-1930	6,703,000	125,590	18.7	62,278	9.3	75,395	11.2	7,662	61.0
1931-1935	7,101,000	106,179	15.0	63,273	8.9	75,561	10.6	5,521	52.0
1936-1940	7,363,000	102,418	13.9	69,184	9.4	76,065	10.3	4,079	39.8
1941-1945	7,597,000	126,495	16.7	76,086	10.0	78,382	10.3	3,525	27.9
1946-1950	7,815,000	158,926	20.3	90,914	11.6	79,708	10.2	4,139	26.0
1951-1955	7,867,000	163,526	20.8	71,689	9.1	80,583	10.2	3,986	24.4
1956	7,831,000	165,553	21.1	70,291	9.0	81,118	10.4	4,052	24.5
1957	7,818,000	166,977	21.4	69,498	8.9	84,141	10.8	4,176	25.0
1958	7,806,000	167,775	21.5	67,594	8.7	84,586	10.8	4,435	26.4
1959	7,794,000	168,138	21.6	66,887	8.6	85,352	11.0	4,458	26.5
1960	7,781,984	166,300	21.4	67,133	8.6	86,252	11.1	4,328	26.0
1961	7,793,000	168,383	21.6	66,258	8.5	86,855	11.1	4,307	25.6
1962	7,805,000	165,244	21.2	65,512	8.4	87,089	11.2	4,510	27.3
1963	7,816,000	167,848	21.5	67,886	8.7	88,621	11.3	4,334	25.8
1964	7,828,000	165,695	21.2	70,053	8.9	88,026	11.2	4,438	26.8
1965	7,839,000	158,815	20.3	71,880	9.2	87,395	11.1	4,076	25.7
1966	7,850,000	153,335	19.5	66,689	8.5	88,418	11.3	3,819	24.9
1967	7,862,000	145,802	18.5	68,876	8.8	87,610	11.1	3,489	23.9
1968	7,873,000	141,920	18.0	73,307	9.3	91,169	11.6	3,282	23.1
1969	7,885,000	146,221	18.5	75,220	9.5	88,535	11.2	3,563	24.4
1970	7,894,862	149,192	18.9	74,174	9.4	88,161	11.2	3,230	21.6
1971	7,832,000	131,920	16.8	73,810	9.4	86,724	11.1	2,751	20.9
1972	7,731,000	117,088	15.1	73,253	9.5	85,363	11.0	2,321	19.8
1973	7,648,000	110,639	14.5	70,104	9.2	82,319	10.8	2,206	19.9
1974	7,566,000	110,642	14.6	61,925	8.2	79,846	10.6	2,175	19.7
1975	7,484,000	109,418	14.6	59,591	8.0	76,312	10.2	2,110	19.3
1976	7,401,000	109,995	14.9	55,829	7.5	77,538	10.5	2,092	19.0
1977	7,318,000	110,486	15.1	52,804	7.2	75,011	10.3	1,971	17.8
1978	7,236,000	106,720	14.7	54,247	7.5	73,081	10.1	1,827	17.1
1979	7,154,000	106,021	14.8	58,532	8.2	72,079	10.1	1,767	16.7
1980	7,071,639	107,066	15.1	58,637	8.3	76,625	10.8	1,719	16.1
1981	7,097,000	108,547	15.3	61,775	8.7	73,329	10.3	1,678	15.5
1982	7,122,000	111,487	15.7	66,619	9.4	73,083	10.3	1,706	15.3
1983	7,147,000	112,353	15.7	68,164	9.5	73,544	10.3	1,603	14.3
1984	7,172,000	113,332	15.8	76,336	10.6	74,278	10.4	1,540	13.6
1985	7,197,000	118,542	16.5	77,897	10.8	74,852	10.4	1,591	13.4
1986	7,222,000	122,108	16.9	82,199	11.4	75,702	10.5	1,566	12.8
1987	7,247,000	127,386	17.6	76,194	10.5	76,448	10.5	1,673	13.1
1988	7,272,000	132,226	18.2	74,137	10.2	77,817	10.7	1,770	13.4
1989	7,297,000	137,673	18.9	69,758	9.6	75,957	10.4	1,827	13.3
1990	7,322,564	139,630	19.1	71,301	9.7	73,875	10.1	1,620	11.6
1991	7,322,564	138,148	18.9	69,314	9.5	72,421	9.9	1,575	11.4
1992	7,322,564	136,002	18.6	71,947	9.8	71,001	9.7	1,390	10.2
1993	7,322,564	133,583	18.2	72,490	9.9	73,408	10.0	1,366	10.2
1994	7,322,564	133,662	18.3	70,438	9.6	71,038	9.7	1,207	9.0

Note: Figures for single years prior to 1956 appear in the annual summaries for 1965 and earlier. Figures for 1898-1913 births are estimated. See Technical Notes.

Table 2a.

**Population by Age, Race, and Sex, and by Hispanic Ancestry  
New York City, 1990**

Age In Years	POPULATION IN 1990											
	Race									Hispanic Ancestry*		
	All Races			White		Black		Other & Unknown		Total	Male	Female
	Total	Male	Female	Male	Female	Male	Female	Male	Female			
All Ages	7,322,564	3,437,667	3,884,897	2,117,645	2,356,194	1,038,666	1,253,141	281,356	275,562	1,783,478	850,184	933,294
Under 5	531,430	271,149	260,281	144,384	137,618	105,086	102,594	21,679	20,069	172,912	87,867	85,045
5-9	455,829	232,471	223,358	122,528	116,567	92,243	90,177	17,700	16,614	148,750	75,649	73,101
10-14	447,301	226,297	221,004	118,176	112,975	90,300	91,149	17,821	16,880	144,309	73,312	70,997
15-19	478,207	240,913	237,294	128,146	123,558	92,350	94,101	20,417	19,635	147,890	75,768	72,122
20-24	587,854	285,778	302,076	168,245	172,788	93,430	105,095	24,103	24,193	168,970	84,645	84,325
25-29	705,351	343,352	361,999	211,068	212,727	100,104	118,000	32,180	31,272	181,247	88,760	92,487
30-34	669,944	325,318	344,626	201,281	201,376	90,692	112,089	33,345	31,161	164,062	77,960	86,102
35-39	589,631	283,579	306,052	176,075	179,308	79,508	101,087	27,996	25,657	140,274	65,296	74,978
40-44	513,936	241,148	272,788	153,021	163,364	65,863	87,225	22,264	22,199	117,462	53,590	63,872
45-49	410,951	189,561	221,390	119,100	132,191	54,359	73,675	16,102	15,524	93,685	42,521	51,164
50-54	350,874	161,197	189,677	102,595	115,107	45,063	61,538	13,539	13,032	78,172	35,137	43,035
55-59	320,527	145,060	175,467	97,974	112,944	36,533	51,633	10,553	10,890	65,590	28,640	36,950
60-64	323,098	141,494	181,604	101,306	123,759	31,936	48,341	8,252	9,504	53,960	22,628	31,332
65-69	294,755	122,953	171,802	90,774	122,642	25,714	41,875	6,465	7,285	39,783	15,570	24,213
70-74	230,094	89,767	140,327	69,370	105,274	16,271	30,046	4,126	5,007	27,069	9,840	17,229
75-79	189,695	68,509	121,186	55,614	95,961	10,332	21,702	2,563	3,523	19,968	6,821	13,147
80-84	124,744	41,150	83,594	34,463	68,939	5,306	12,810	1,381	1,845	11,315	3,677	7,638
85 & Over	98,343	27,971	70,372	23,525	59,096	3,576	10,004	870	1,272	8,060	2,503	5,557

Note: These population figures replace those published in the 1990 Vital Statistics Summary, and are based on the Census Bureau's modification of its data correcting the underreporting of race by persons of Hispanic ancestry. The major effects are a reduction of 60% in the total for Other and Unknown race and increases of 17% and 9% in the totals for Whites and Blacks, respectively. There were minor changes in age and sex as well.

\*Persons of Hispanic ancestry may be of any race.

Table 2b.

**Deaths by Age, Race, and Sex, and by Hispanic Ancestry  
New York City, 1994**

Age In Years	DEATHS IN 1994											
	Race									Hispanic Ancestry*		
	All Races			White		Black		Other & Unknown		Total	Male	Female
	Total	Male	Female	Male	Female	Male	Female	Male	Female			
All Ages	71,038	36,927	34,111	25,056	23,967	9,818	8,807	2,053	1,337	9,557	5,865	3,692
Under 5	1,432	774	658	333	280	339	283	102	95	281	161	120
5-9	119	67	52	38	22	24	27	5	3	27	18	9
10-14	113	69	44	43	23	24	17	2	4	32	24	8
15-19	409	329	80	154	43	157	33	18	4	121	92	29
20-24	693	553	140	286	74	231	58	36	8	219	178	41
25-29	1,213	856	357	499	177	326	168	31	12	390	298	92
30-34	2,172	1,491	681	881	324	530	333	80	24	634	449	185
35-39	3,019	2,074	945	1,219	440	740	460	115	45	789	575	214
40-44	3,413	2,387	1,026	1,308	473	955	493	124	60	819	623	196
45-49	3,095	2,126	969	1,204	493	791	435	131	41	706	511	195
50-54	3,070	1,971	1,099	1,095	582	752	449	124	68	616	404	212
55-59	3,552	2,181	1,371	1,319	764	715	541	147	66	596	397	199
60-64	4,391	2,621	1,770	1,706	1,100	766	586	149	84	772	479	293
65-69	5,999	3,350	2,649	2,268	1,702	878	845	204	102	753	414	339
70-74	7,204	3,859	3,345	2,759	2,299	894	898	206	148	722	381	341
75-79	7,701	3,742	3,959	2,858	2,905	680	910	204	144	667	311	356
80-84	8,604	3,681	4,923	3,006	3,872	507	881	168	170	609	244	365
85 & Over	14,839	4,796	10,043	4,080	8,394	509	1,390	207	259	804	306	498

\*Persons of Hispanic ancestry may be of any race.

Table 3.

**Deaths by Cause and Borough of Residence  
New York City, 1994**

Cause (ICD-9 Code*)	BOROUGH OF RESIDENCE							
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond	Non-Residents	Residence Unknown
Total Deaths	71,038	13,984	11,662	20,947	16,197	3,410	4,167	670
All Natural Causes	67,204	13,323	10,983	19,853	15,381	3,276	3,927	461
1 Total tuberculosis (010-018)	133	31	28	46	19	2	3	4
Respiratory tuberculosis (010-012)	113	29	25	38	15	1	3	2
Other forms (013-018)	20	2	3	8	4	1	-	2
2 Septicemia (038)	196	64	46	37	37	1	10	1
3 Acquired immunodeficiency syndrome (042)	6,956	2,122	1,481	1,927	928	184	220	94
4 Other HIV infections (043-044)	146	24	17	72	21	2	8	2
5 Viral hepatitis (070)	171	38	33	41	34	4	20	1
6 Pneumocystosis (136.3)	27	4	11	9	1	-	2	-
7 Other infective and parasitic diseases (Rest of 001-139)	169	42	29	51	24	6	15	2
8 Malignant neoplasms, all (140-208)	15,298	2,930	2,239	4,190	3,541	825	1,536	37
Lip, oral cavity and pharynx (140-149)	267	59	45	76	48	7	32	-
Digestive organs and peritoneum (150-159)	4,323	798	644	1,249	1,071	208	345	8
Stomach (151)	667	119	102	221	176	20	28	1
Colon (153)	1,614	283	245	459	402	97	124	4
Rectum (154)	223	40	37	59	68	6	13	-
Liver, bile duct, gallbladder (155-156)	548	107	75	151	146	17	50	2
Pancreas (157)	852	168	108	242	196	44	94	-
Respiratory system (160-165)	3,710	733	530	1,030	848	238	321	10
Trachea, bronchus and lung (162)	3,503	691	487	984	803	228	301	9
Kaposi's sarcoma (173.9)	36	8	5	12	9	-	2	-
Breast and genito-urinary organs (174, 179-189)	3,919	759	580	1,069	918	212	373	8
Breast, female (174)	1,483	307	205	402	336	77	151	5
Cervix uteri (180)	178	36	32	47	38	10	15	-
Ovary and other uterine adnexa (183)	409	84	49	100	96	26	53	1
Prostate (185)	953	188	162	252	237	48	65	1
Bladder and other urinary organs (188-189)	605	106	90	165	140	35	69	-
Other and unspecified sites (Rest of 140-199)	1,515	291	216	396	331	77	198	6
Lymphatic and hematopoietic tissues (200-208)	1,528	282	219	358	316	83	265	5
Leukemia and aleukemia (204-208)	608	112	80	127	113	33	141	2
Benign and unspecified neoplasms (210-239)	225	40	26	50	65	9	34	1
9. Diabetes mellitus (250)	1,760	384	349	514	357	86	64	6
11. Alcohol dependence syndrome (303)	397	114	51	114	77	9	13	19
12. Drug dependence and accidental drug poisoning**	1,068	282	201	259	143	30	103	50
Drug dependence (304)	1,033	274	199	252	138	26	98	46
13. Diseases of nervous system (320-389)	499	133	89	129	107	9	28	4
14. Total cardiovascular diseases (390-459)	31,048	5,195	4,627	9,798	8,175	1,714	1,366	173
Cerebrovascular disease (430-438)	2,155	478	347	620	505	95	94	16
Heart diseases (393-398, 402, 404-429)	27,536	4,428	4,061	8,760	7,388	1,555	1,192	152
Chronic rheumatic heart disease (393-398)	104	25	16	24	22	1	15	1
Ischemic heart disease (410-414)	22,635	3,317	3,075	7,349	6,377	1,441	974	102
Other forms of heart disease (420-429)	3,059	653	665	872	620	72	149	28
Hypertensive disease (401-404)	2,144	531	362	677	439	51	63	21
Atherosclerosis (440)	240	59	47	67	34	21	12	-
15. Pneumonia and influenza (480-487)	2,541	604	532	664	489	150	86	16
16. Chronic obstructive pulmonary diseases, all (490-496)	1,625	374	284	433	377	82	70	5
Bronchitis, emphysema, asthma (490-493)	613	137	93	194	125	26	37	1
17. Ulcer of stomach and duodenum (531-533)	216	44	37	57	57	9	10	2
18. Appendicitis (540-543)	20	5	6	6	3	-	-	-
19. Intestinal obstruction and hernia (550-553, 560)	103	22	20	29	22	5	5	-
20. Chronic liver disease and cirrhosis (571)	903	163	200	260	181	36	46	17
21. Nephritis, nephrotic syndrome and nephrosis (580-589)	238	55	42	79	48	9	5	-
22. Hyperplasia of prostate (600)	10	2	3	-	3	1	-	-
23. Complications of pregnancy, childbirth and the puerperium (630-676)	29	7	4	8	7	2	1	-
24. Congenital anomalies (740-759)	398	46	69	120	80	11	72	-
25. Certain conditions originating in the perinatal period (760-779)	658	91	103	268	124	16	55	1
26. Sudden infant death syndrome (798.0)	99	13	28	36	15	4	3	-
27. Ill-defined (Rest of 780-799)	269	41	25	104	58	4	20	17
28. All other diseases	2,037	461	405	559	393	70	136	13
All External Causes	3,834	664	682	1,096	821	134	240	197
29. Total accidents (E800-E949)	1,446	231	224	404	370	61	106	50
Accidental drug poisoning**	35	8	2	7	5	4	5	4
Motor vehicle accidents (E810-E825)	500	70	68	143	134	29	46	10
Home accidents	502	84	85	158	136	14	19	6
30. Suicide and self inflicted injuries (E950-E959)	605	157	69	136	144	37	43	19
31. Homicide (E960-E975, E990-E999)	1,607	257	357	520	274	35	82	82
32. Injury undetermined whether accidentally or purposely inflicted (E980-E989)	176	19	32	36	33	1	9	46

\*Numbers in parentheses are codes of International Classification of Diseases, Ninth Revision.

\*\*Drug dependence is code 304 and accidental drug poisoning includes E850.0, E854.1, E855.2, E858.8.

Table 4.

**Chief Causes of Death in Specified Age Groups by Sex  
New York City, 1994**

Males			Females	
Deaths	Percent	ALL AGES	Deaths	Percent
12,353	33.5	Heart Diseases . . . . .	15,183	44.5
7,600	20.6	Malignant Neoplasms . . . . .	7,698	22.6
5,165	14.0	Acquired Immunodeficiency Syndrome (AIDS) . . . . .	1,791	5.3
1,170	3.2	Pneumonia and Influenza . . . . .	1,371	4.0
937	2.5	Cerebrovascular Disease . . . . .	1,218	3.6
753	2.0	Diabetes Mellitus . . . . .	1,007	3.0
799	2.2	Chronic Obstructive Pulmonary Disease . . . . .	826	2.4
1,371	3.7	Homicide . . . . .	236	0.7
863	2.3	Accidents Except Drug Poisoning . . . . .	548	1.6
869	2.4	Drug Dependence and Accidental Drug Poisoning . . . . .	199	0.6
5,047	13.7	All Other Causes . . . . .	4,034	11.8
36,927	100.0	Total . . . . .	34,111	100.0
		UNDER 1 YEAR		
122	18.7	Congenital Anomalies . . . . .	130	23.4
102	15.6	Other Conditions of the Perinatal Period . . . . .	78	14.1
74	11.3	Short Gestation and Low Birth Weight . . . . .	58	10.5
59	9.0	Sudden Infant Death Syndrome . . . . .	40	7.2
53	8.1	Respiratory Distress Syndrome . . . . .	45	8.1
60	9.2	Respiratory Conditions of Newborn . . . . .	31	5.6
10	1.5	Acquired Immunodeficiency Syndrome (AIDS) . . . . .	18	3.2
15	2.3	Perinatal Disorders of Digestive System . . . . .	10	1.8
13	2.0	Infections Specific to the Perinatal Period . . . . .	11	2.0
17	2.6	Pneumonia and Influenza . . . . .	5	0.9
127	19.5	All Other Causes . . . . .	129	23.2
652	100.0	Total . . . . .	555	100.0
		1 TO 14 YEARS		
47	18.2	Acquired Immunodeficiency Syndrome (AIDS) . . . . .	43	21.6
37	14.3	Malignant Neoplasms . . . . .	33	16.6
35	13.6	Accidents Except Drug Poisoning . . . . .	29	14.6
29	11.2	Congenital Anomalies . . . . .	25	12.6
27	10.5	Homicide . . . . .	11	5.5
11	4.3	Heart Diseases . . . . .	10	5.0
11	4.3	Chronic Obstructive Pulmonary Disease . . . . .	6	3.0
6	2.3	Diseases of Nervous System . . . . .	9	4.5
7	2.7	Other Infective and Parasitic Diseases . . . . .	2	1.0
4	1.6	Other HIV . . . . .	2	1.0
44	17.1	All Other Causes . . . . .	29	14.6
258	100.0	Total . . . . .	199	100.0
		15 TO 24 YEARS		
483	54.8	Homicide . . . . .	34	15.5
106	12.0	Accidents Except Drug Poisoning . . . . .	21	9.5
52	5.9	Acquired Immunodeficiency Syndrome (AIDS) . . . . .	39	17.7
72	8.2	Suicide . . . . .	13	5.9
43	4.9	Malignant Neoplasms . . . . .	24	10.9
28	3.2	Drug Dependence and Accidental Drug Poisoning . . . . .	6	2.7
15	1.7	Heart Diseases . . . . .	17	7.7
11	1.2	Diseases of Nervous System . . . . .	5	2.3
14	1.6	Injury Undetermined . . . . .	2	0.9
10	1.1	Chronic Obstructive Pulmonary Disease . . . . .	4	1.8
48	5.4	All Other Causes . . . . .	55	25.0
882	100.0	Total . . . . .	220	100.0
		25 TO 34 YEARS		
993	42.3	Acquired Immunodeficiency Syndrome (AIDS) . . . . .	501	48.3
464	19.8	Homicide . . . . .	76	7.3
230	9.8	Drug Dependence and Accidental Drug Poisoning . . . . .	53	5.1
95	4.0	Malignant Neoplasms . . . . .	106	10.2
125	5.3	Accidents Except Drug Poisoning . . . . .	25	2.4
100	4.3	Suicide . . . . .	23	2.2
71	3.0	Heart Diseases . . . . .	33	3.2
21	0.9	Pneumonia and Influenza . . . . .	12	1.2
13	0.6	Diabetes Mellitus . . . . .	16	1.5
23	1.0	Chronic Liver Disease and Cirrhosis . . . . .	4	0.4
212	9.0	All Other Causes . . . . .	189	18.2
2,347	100.0	Total . . . . .	1,038	100.0

Note: The ten leading causes of death in each age group for both sexes combined are arranged in decreasing order of frequency. Totals may not equal 100.0% due to rounding.

Males		35 TO 44 YEARS	Females	
Deaths	Percent		Deaths	Percent
2,362	52.9	Acquired Immunodeficiency Syndrome (AIDS)	810	41.1
242	5.4	Malignant Neoplasms	358	18.2
388	8.7	Drug Dependence and Accidental Drug Poisoning	108	5.5
281	6.3	Heart Diseases	152	7.7
208	4.7	Homicide	45	2.3
138	3.1	Accidents Except Drug Poisoning	38	1.9
109	2.4	Chronic Liver Disease and Cirrhosis	46	2.3
107	2.4	Suicide	35	1.8
52	1.2	Pneumonia and Influenza	37	1.9
45	1.0	Cerebrovascular Diseases	40	2.0
529	11.9	All Other Causes	302	15.3
4,461	100.0	Total	1,971	100.0
45 TO 54 YEARS				
1,231	30.0	Acquired Immunodeficiency Syndrome (AIDS)	281	13.6
727	17.7	Malignant Neoplasms	731	35.3
800	19.5	Heart Diseases	355	17.2
171	4.2	Chronic Liver Disease and Cirrhosis	50	2.4
162	4.0	Drug Dependence and Accidental Drug Poisoning	28	1.4
89	2.2	Cerebrovascular Diseases	83	4.0
107	2.6	Accidents Except Drug Poisoning	49	2.4
119	2.9	Homicide	28	1.4
81	2.0	Diabetes Mellitus	62	3.0
104	2.5	Alcohol Dependence	36	1.7
506	12.4	All Other Causes	365	17.6
4,097	100.0	Total	2,068	100.0
55 TO 64 YEARS				
1,428	29.7	Malignant Neoplasms	1,298	41.3
1,605	33.4	Heart Diseases	890	28.3
381	7.9	Acquired Immunodeficiency Syndrome (AIDS)	74	2.4
141	2.9	Diabetes Mellitus	154	4.9
146	3.0	Cerebrovascular Diseases	114	3.6
187	3.9	Chronic Liver Disease and Cirrhosis	60	1.9
93	1.9	Chronic Obstructive Pulmonary Disease	102	3.2
104	2.2	Pneumonia and Influenza	69	2.2
85	1.8	Accidents Except Drug Poisoning	41	1.3
83	1.7	Alcohol Dependence	17	0.5
549	11.4	All Other Causes	322	10.3
4,802	100.0	Total	3,141	100.0
65 TO 74 YEARS				
2,973	41.2	Heart Diseases	2,359	39.4
2,382	33.0	Malignant Neoplasms	2,104	35.1
217	3.0	Diabetes Mellitus	266	4.4
255	3.5	Cerebrovascular Diseases	210	3.5
207	2.9	Chronic Obstructive Pulmonary Disease	203	3.4
208	2.9	Pneumonia and Influenza	154	2.6
90	1.2	Accidents Except Drug Poisoning	79	1.3
111	1.5	Chronic Liver Disease and Cirrhosis	48	0.8
64	0.9	Hypertensive Disease	86	1.4
73	1.0	Acquired Immunodeficiency Syndrome (AIDS)	19	0.3
629	8.7	All Other Causes	466	7.8
7,209	100.0	Total	5,994	100.0
75 TO 84 YEARS				
3,704	49.9	Heart Diseases	4,591	51.7
1,879	25.3	Malignant Neoplasms	2,042	23.0
345	4.6	Pneumonia and Influenza	366	4.1
263	3.5	Cerebrovascular Diseases	400	4.5
280	3.8	Chronic Obstructive Pulmonary Disease	245	2.8
176	2.4	Diabetes Mellitus	291	3.3
114	1.5	Accidents Except Drug Poisoning	126	1.4
67	0.9	Hypertensive Disease	94	1.1
61	0.8	Diseases of Nervous System	48	0.5
32	0.4	Atherosclerosis	51	0.6
502	6.8	All Other Causes	628	7.1
7,423	100.0	Total	8,882	100.0
85 AND OVER				
2,891	60.3	Heart Diseases	6,768	67.4
767	16.0	Malignant Neoplasms	998	9.9
366	7.6	Pneumonia and Influenza	686	6.8
124	2.6	Cerebrovascular Diseases	359	3.6
124	2.6	Chronic Obstructive Pulmonary Disease	180	1.8
85	1.8	Diabetes Mellitus	193	1.9
58	1.2	Accidents Except Drug Poisoning	134	1.3
39	0.8	Hypertensive Disease	71	0.7
27	0.6	Atherosclerosis	69	0.7
36	0.8	Diseases of Nervous System	53	0.5
279	5.8	All Other Causes	532	5.3
4,796	100.0	Total	10,043	100.0





Table 6.

**Deaths by Place of Death  
New York City, 1985-1994**

Place of Death	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Home.....	15,182	15,446	15,092	14,862	13,564	13,204	13,271	13,293	13,943	12,822
Hospital										
Voluntary.....	36,313	36,822	37,306	38,487	40,807	40,023	39,503	39,009	39,682	39,103
Proprietary.....	3,145	2,822	3,069	3,067	2,800	2,646	2,710	2,610	2,638	2,520
Municipal.....	11,218	11,003	11,392	11,579	10,957	10,202	9,376	8,517	8,845	8,231
Other Government.....	1,582	1,476	1,501	1,385	1,426	1,335	1,223	1,254	1,213	1,172
Nursing Home.....	4,972	5,416	5,279	5,679	3,790	3,891	3,791	3,848	4,564	5,110
Other Specified Place.....	2,440	2,717	2,809	2,758	2,613	2,574	2,547	2,468	2,516	2,080
<b>Total.....</b>	<b>74,852</b>	<b>75,702</b>	<b>76,448</b>	<b>77,817</b>	<b>75,957</b>	<b>73,875</b>	<b>72,421</b>	<b>71,001</b>	<b>73,408</b>	<b>71,038</b>

Table 7.

**Deaths by Ancestry and Borough of Residence  
New York City, 1994**

Ancestry	Borough of Residence						Non Residents	Residence Unknown
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond		
Puerto Rican.....	6,017	1,414	2,281	1,576	465	87	155	39
Dominican.....	1,033	451	277	139	146	3	14	3
Colombian.....	256	36	12	22	167	-	16	3
Ecuadorian.....	211	35	34	33	99	2	6	2
Mexican.....	123	39	21	33	25	-	5	-
Cuban.....	528	206	81	70	139	8	20	4
Other Hispanic.....	1,389	265	297	340	320	41	67	59
African-American.....	15,736	3,700	3,214	5,316	2,726	254	423	103
American.....	14,107	3,322	1,698	3,395	3,232	1,055	1,350	55
Guyanese.....	331	10	30	134	142	3	10	2
Haitian.....	532	47	4	324	133	1	18	5
Jamaican.....	396	27	59	226	66	3	14	1
Trinidadian.....	181	4	13	120	31	2	10	1
Other North, Central and South American	977	131	183	404	183	20	50	6
English.....	495	131	43	91	111	51	64	4
German.....	2,351	470	240	271	1,043	122	196	9
Irish.....	3,578	500	487	711	1,198	351	316	15
Italian.....	7,949	575	1,056	2,905	1,928	922	549	14
Polish.....	2,132	284	268	763	617	77	120	3
Russian.....	2,103	230	243	1,136	402	32	57	3
Other European.....	2,372	487	299	514	800	140	129	3
Chinese.....	1,081	450	26	280	264	23	36	2
Asian Indian.....	202	15	20	34	102	5	23	3
Korean.....	188	11	9	14	128	14	12	-
Filipino.....	154	22	23	20	58	12	17	2
Other Asian.....	504	78	42	146	156	19	61	2
Other & Not Stated.....	6,112	1,044	702	1,930	1,516	163	430	327
<b>Total.....</b>	<b>71,038</b>	<b>13,984</b>	<b>11,662</b>	<b>20,947</b>	<b>16,197</b>	<b>3,410</b>	<b>4,168</b>	<b>670</b>

DEATHS DUE TO EXTERNAL CAUSES BY AGE, NEW YORK CITY, 1994

**Table 8. Accidents**

Type	All Ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
Total	1,446	36	18	22	54	76	153	197	160	127	170	433
Work	39	-	-	-	2	2	15	9	9	2	-	-
Accidental drug poisoning	35	-	1	-	1	2	3	21	4	1	1	1
Firearms	12	-	-	-	3	5	4	-	-	-	-	-
Home												
Poisoning (gas excepted)	2	-	-	-	-	-	-	1	-	-	1	-
Poisoning by gas and vapors	6	-	-	-	-	1	1	-	1	1	1	1
Falls	320	3	2	1	-	1	11	23	15	21	41	202
Fire and flames	121	12	5	3	-	1	6	17	16	18	13	30
Drowning	10	2	1	-	1	-	2	2	2	-	-	-
Suffocation	21	6	2	2	-	-	-	4	1	2	1	3
Other home accidents	22	-	-	-	-	-	1	2	5	-	6	8
Motor Vehicle												
Injury to pedestrian	252	5	4	8	8	9	27	33	29	22	37	70
Collision with other motor vehicle	86	1	1	1	8	18	17	9	9	2	9	11
Collision with fixed object	60	-	-	-	8	10	13	7	14	2	4	2
Non-collision	9	-	-	-	1	3	1	2	2	-	-	-
Other motor vehicle accident	93	3	1	2	12	14	18	15	12	4	2	10
Public Place												
Railroad and subway	35	-	-	-	5	-	6	10	6	4	2	2
Falls	158	-	-	2	3	2	11	19	12	19	21	69
Fire and flames	8	-	-	-	-	-	3	1	1	2	1	-
Drowning	13	-	-	1	1	1	3	3	4	-	-	-
Other	129	4	1	2	1	7	9	17	15	23	26	24
Late effects of accidents	15	-	-	-	-	-	2	2	3	4	4	-

**Table 9. Suicide**

Method	All Ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
Total	605	-	-	-	28	57	123	142	82	63	65	45
Poisoning by solid or liquid substances	94	-	-	-	3	2	17	26	20	10	9	7
Poisoning by gases and vapors	9	-	-	-	-	2	-	1	2	2	1	1
Hanging, strangulation and suffocation	135	-	-	-	10	11	21	37	14	17	13	12
Submersion (drowning)	21	-	-	-	1	-	7	4	3	3	1	2
Firearms and explosives	153	-	-	-	12	26	37	32	16	12	13	5
Jumping before moving object	43	-	-	-	1	4	16	8	5	4	4	1
Cutting and piercing instruments	12	-	-	-	-	-	1	1	3	4	2	1
Jumping from high place	130	-	-	-	1	12	22	30	18	11	21	15
Other and unspecified means	8	-	-	-	-	-	2	3	1	-	1	1

**Table 10. Homicide**

Method	All Ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
Total	1,607	39	4	13	212	305	540	253	147	44	25	25
Poisoning	5	3	-	-	-	-	2	-	-	-	-	-
Hanging and strangulation	63	2	2	1	2	7	20	8	6	5	4	6
Submersion (drowning)	4	3	-	-	-	-	-	-	1	-	-	-
Firearms and explosives	1,158	2	-	8	183	266	410	165	94	20	7	3
Cutting and piercing	210	1	-	3	18	27	63	50	24	13	7	4
Child battering	14	14	-	-	-	-	-	-	-	-	-	-
Fire and flames	20	2	2	-	2	-	4	4	2	2	-	2
Pushing from high place	6	1	-	-	1	1	1	1	1	-	-	-
Striking with object	13	3	-	-	-	1	2	3	3	-	-	1
Fight, brawl, or rape	0	-	-	-	-	-	-	-	-	-	-	-
Late effects	4	-	-	-	-	-	3	-	1	-	-	-
Legal intervention	13	-	-	-	3	-	7	2	1	-	-	-
Other and unspecified means	97	8	-	1	3	3	28	20	14	4	7	9

**Table 11. Other Injury, Undetermined Whether Accidentally or Purposely Inflicted**

Method	All Ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
Total	176	11	-	3	5	11	24	43	28	14	25	12
Fire and flames	3	-	-	-	-	-	-	1	-	1	-	1
Poisoning by solid or liquid substance	14	1	-	1	1	-	-	4	6	1	-	-
Poisoning by gases and vapors	1	1	-	-	-	-	-	-	-	-	-	-
Hanging, strangulation or suffocation	0	-	-	-	-	-	-	-	-	-	-	-
Submersion (drowning)	20	-	-	1	-	2	5	3	5	3	1	-
Firearms and explosives	6	1	-	-	1	2	1	-	1	-	-	-
Falling from high places	6	-	-	-	1	1	1	-	1	-	-	2
Other and unspecified means	126	8	-	1	2	6	17	35	15	9	24	9

Table 12.

## Deaths from AIDS by Age, Ethnic Group and Sex, New York City, 1983-1994

AGE GROUP/ETHNIC GROUP	MALES												FEMALES											
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
ALL AGES Total	376	826	1,463	2,265	2,651	3,086	3,488	3,663	4,060	4,433	4,665	5,165	49	126	200	385	508	653	705	816	959	1,159	1,337	1,791
Puerto Rican	53	134	203	357	484	499	664	560	586	662	685	1,055	12	42	43	89	98	148	161	166	172	204	258	393
Other Hispanic	27	57	128	174	202	328	306	371	460	525	574	433	3	3	7	13	16	66	60	59	95	112	131	107
Asian & Pacific Islander	7	4	20	16	19	25	33	26	30	29	19	23	1	1	-	2	2	1	3	3	2	3	6	1
Other White	173	356	604	844	921	1,005	1,194	1,275	1,272	1,382	1,301	1,428	9	16	30	65	65	87	105	121	145	168	172	283
Other Black	110	254	430	696	800	1,098	1,078	1,132	1,378	1,468	1,661	2,081	24	61	103	180	261	330	349	398	472	571	658	962
Other & Unknown	6	21	78	178	225	131	213	299	334	367	425	145	-	3	17	36	66	21	27	69	73	101	112	45
UNDER 1 Total	1	3	6	7	16	16	18	17	13	7	12	10	1	5	5	14	20	5	16	21	9	4	13	18
Puerto Rican	-	2	1	1	2	5	4	2	3	-	1	2	-	-	-	3	1	-	4	4	-	1	1	2
Other Hispanic	-	-	1	-	1	-	6	2	1	1	2	-	-	2	-	1	1	1	3	1	-	-	2	-
Asian & Pacific Islander	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other White	-	1	1	2	5	4	1	4	-	-	2	2	1	-	1	3	1	-	1	2	1	-	1	5
Other Black	1	-	2	4	6	6	6	7	9	6	7	6	-	3	3	6	14	3	8	14	7	3	9	9
Other & Unknown	-	-	-	-	2	1	1	2	-	-	-	-	-	-	1	1	3	1	-	-	1	-	-	2
1-14 Total	4	4	14	19	26	25	28	40	32	39	35	47	3	6	13	22	26	24	18	26	36	29	42	43
Puerto Rican	1	1	1	2	6	5	6	8	6	5	4	12	-	3	2	3	4	4	3	8	9	2	7	6
Other Hispanic	-	-	-	2	4	2	2	3	5	9	6	5	-	-	-	3	1	5	2	3	4	3	7	2
Asian & Pacific Islander	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-
Other White	2	2	4	1	3	-	5	5	2	8	4	6	1	-	1	3	7	5	4	3	4	3	1	9
Other Black	1	1	7	13	17	15	22	17	11	18	22	2	2	3	10	9	11	9	8	10	14	17	24	25
Other & Unknown	-	-	-	1	-	1	-	2	2	6	3	2	-	-	-	3	3	1	1	2	5	3	3	1
15-24 Total	9	22	31	63	64	51	57	50	31	36	45	52	5	10	12	22	16	31	34	26	30	27	32	39
Puerto Rican	2	6	8	15	16	12	16	10	6	12	2	9	1	5	2	7	3	11	12	4	5	4	6	10
Other Hispanic	1	2	4	3	8	7	11	11	3	3	10	8	-	-	1	-	2	3	1	2	5	1	4	4
Asian & Pacific Islander	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-
Other White	3	4	5	18	10	11	6	8	5	4	5	7	-	-	1	3	1	5	6	5	3	8	5	3
Other Black	2	10	13	21	22	17	23	17	14	16	23	27	4	4	4	11	9	12	11	11	13	13	14	21
Other & Unknown	1	-	1	5	8	4	1	4	3	1	5	-	-	1	4	1	1	-	4	4	3	-	3	1
25-34 Total	132	272	496	743	866	982	963	973	1,005	982	998	993	22	74	97	186	245	288	294	315	321	366	377	501
Puerto Rican	20	54	82	156	181	219	227	193	180	167	167	212	4	23	22	44	43	74	80	72	65	75	70	120
Other Hispanic	10	19	40	56	59	114	93	110	159	138	196	108	1	-	3	3	9	27	32	23	35	53	51	29
Asian & Pacific Islander	4	2	1	5	5	2	9	3	5	2	5	4	-	1	-	1	1	-	1	-	-	2	-	-
Other White	46	100	194	238	282	254	298	303	267	275	246	277	4	13	16	38	29	31	42	49	55	48	43	82
Other Black	52	91	153	234	260	343	281	299	307	317	298	374	13	37	49	87	129	146	129	152	142	156	181	257
Other & Unknown	-	6	26	54	79	50	55	65	87	83	86	18	-	-	7	13	34	10	10	19	24	34	30	13
35-44 Total	162	335	601	937	1,058	1,298	1,517	1,675	1,943	2,074	2,121	2,362	12	24	56	107	147	236	261	318	389	510	618	810
Puerto Rican	25	58	85	136	193	191	280	245	264	311	297	506	5	9	15	28	34	44	47	58	67	81	117	159
Other Hispanic	9	23	42	76	75	129	117	164	197	218	232	175	2	1	3	5	1	24	13	21	32	35	45	45
Asian & Pacific Islander	3	1	9	5	7	15	14	15	20	13	6	9	-	-	-	-	-	1	2	1	-	-	2	1
Other White	81	141	254	351	365	427	499	588	632	659	617	688	1	1	6	13	19	38	34	42	60	70	89	136
Other Black	39	105	176	289	334	497	515	524	678	708	777	913	4	11	29	49	75	122	156	166	200	274	314	451
Other & Unknown	5	7	35	80	84	39	92	139	152	165	192	71	-	2	3	12	18	8	10	29	29	50	51	18
45-54 Total	48	138	233	363	430	514	641	671	730	930	1,048	1,231	4	4	11	24	37	49	54	71	123	157	190	281
Puerto Rican	4	10	22	34	63	58	105	78	94	129	163	244	2	1	2	2	12	12	14	14	18	30	41	74
Other Hispanic	6	13	30	26	42	57	55	62	64	111	83	89	-	-	-	1	2	5	5	4	13	16	15	15
Asian & Pacific Islander	-	1	5	3	5	4	8	7	3	12	8	6	-	-	-	-	-	1	-	-	-	1	2	-
Other White	24	80	102	164	166	210	263	275	251	318	306	321	1	1	3	3	3	2	9	11	15	28	24	35
Other Black	14	29	62	109	112	161	170	189	250	276	388	534	1	2	5	13	15	28	25	30	68	75	88	148
Other & Unknown	-	5	12	27	42	24	40	60	68	84	100	37	-	-	1	5	5	1	1	12	9	7	20	9
55 & OVER Total	20	52	82	133	191	200	264	237	306	365	406	470	2	3	6	10	17	20	28	39	51	66	65	99
Puerto Rican	1	3	4	13	23	9	26	24	33	38	51	70	-	1	-	2	1	3	1	6	8	11	16	22
Other Hispanic	1	-	11	11	13	19	22	19	31	45	45	48	-	-	-	-	1	4	5	6	4	7	12	
Asian & Pacific Islander	-	-	2	2	2	4	2	1	2	2	-	3	-	-	-	-	1	-	1	1	-	-	-	-
Other White	17	28	44	70	90	99	122	92	115	118	121	127	1	1	2	2	5	6	9	9	7	11	9	13
Other Black	1	18	17	26	53	57	68	74	103	134	150	205	-	1	3	5	8	10	12	15	28	33	28	51
Other & Unknown	-	3	4	11	10	12	24	27	22	28	39	17	-	-	1	1	2	-	1	3	2	7	5	1

Note: For 1983-1986, acquired immunodeficiency syndrome (AIDS) is ICD-9 code 279.1; beginning in 1987, it is code 042. In 1982, 30 deaths were attributed to AIDS.

Table 13.

## Characteristics of Decedents With Selected Causes of Death, New York City, 1994

Cause of Death	Total	Percent of Total Deaths with Specified Characteristics								
		Ethnic Group						Male	Never Married	Age Under 20
		Puerto Rican	Other Hispanic	Asian	Other White	Other Black	Other & Unknown			
All Causes	71,038	8.5	5.0	1.9	56.2	25.6	2.8	52.0	25.8	2.9
AIDS	6,956	20.8	7.8	0.3	24.6	43.7	2.7	74.3	64.9	1.9
Chronic Liver Disease & Cirrhosis	903	22.3	7.9	1.0	34.9	28.9	5.1	73.0	31.1	0.0
Drug Dependence and Accidental Drug Poisoning	1,068	16.1	9.2	0.6	34.6	36.5	3.0	81.4	51.2	1.0
Motor Vehicle Accidents	500	8.4	11.0	4.0	48.8	23.0	4.8	66.4	44.0	12.6
Other Accidents	911	7.9	7.9	3.4	51.2	25.4	4.3	58.3	31.9	7.1
Suicide	605	9.8	12.2	5.5	53.7	13.2	5.6	74.4	45.5	4.6
Homicide	1,607	12.8	20.1	1.6	13.3	47.7	4.6	85.3	65.8	16.7
Injury Undetermined	176	9.1	7.4	2.3	30.1	34.7	16.5	75.6	47.2	10.8
All Other Causes	58,347	6.5	3.9	2.1	62.1	22.7	2.7	47.0	19.0	2.6

Table 14.

Life Expectancy at Specified Ages by Sex and Race  
New York City and the United States, 1980 and 1990

Exact Age	Male											
	New York City						United States					
	1980			1990			1980			1990		
	Total	White	Black	Total	White	Black	Total	White	Black	Total	White	Black
0	68.5	69.9	64.1	68.0	70.0	64.5	70.0	70.7	63.7	71.8	72.7	64.5
1	68.6	69.9	64.5	68.0	69.7	64.6	70.0	70.6	64.2	71.6	72.3	64.8
5	64.8	66.1	60.7	64.2	65.8	60.8	66.1	66.8	60.5	67.7	68.5	61.0
10	59.5	61.2	55.9	59.3	60.9	55.9	61.3	61.9	55.6	62.8	63.5	56.1
15	55.0	56.3	50.9	54.3	56.0	51.0	56.4	57.0	50.7	57.9	58.6	51.3
20	50.4	51.6	46.3	49.8	51.3	46.6	51.8	52.4	46.0	53.3	54.0	46.7
25	45.9	47.0	42.1	45.4	46.8	42.4	47.3	47.8	41.7	48.7	49.3	42.4
30	41.5	42.5	38.1	41.0	42.4	38.3	42.7	43.2	37.4	44.1	44.7	38.2
35	37.1	38.0	34.0	37.0	38.3	34.5	38.1	38.6	33.2	39.6	40.1	34.1
40	32.8	33.5	30.0	33.3	34.5	31.2	33.5	34.0	29.1	35.1	35.6	30.1
45	28.6	29.2	26.2	29.6	30.7	27.9	29.1	29.4	25.2	30.7	31.1	26.2
50	24.6	25.1	22.7	25.9	26.8	24.4	24.9	25.2	21.6	26.4	26.7	22.5
55	20.9	21.2	19.5	22.2	23.0	21.1	21.0	21.2	18.4	22.3	22.5	19.0
60	17.4	17.5	16.5	18.7	19.3	18.0	17.4	17.5	15.5	18.5	18.7	15.9
65	14.2	14.3	13.9	15.4	15.9	15.1	14.1	14.2	12.9	15.1	15.2	13.2
70	11.4	11.3	11.5	12.5	12.8	12.6	11.3	11.3	10.5	12.0	12.1	10.7
75	9.0	8.9	9.5	9.8	10.0	10.5	8.8	8.8	8.3	9.4	9.4	8.6
80	6.8	6.8	7.6	7.5	7.6	8.6	6.7	6.7	6.3	7.1	7.1	6.7
85	5.4	5.3	6.8	5.9	5.9	7.2	5.0	5.0	4.5	5.2	5.2	5.0

Exact Age	Female											
	New York City						United States					
	1980			1990			1980			1990		
	Total	White	Black	Total	White	Black	Total	White	Black	Total	White	Black
0	76.4	77.5	73.5	77.2	78.8	75.6	77.5	78.1	72.3	78.8	79.4	73.6
1	76.5	77.3	73.8	77.2	78.5	75.7	77.4	77.9	72.7	78.4	78.9	73.8
5	72.6	73.5	70.0	73.3	74.6	71.9	73.5	74.0	69.0	74.5	75.0	70.0
10	67.7	68.6	65.2	68.4	69.7	66.9	68.6	69.1	64.1	69.6	70.1	65.1
15	62.8	63.6	60.2	63.5	64.8	62.0	63.7	64.2	59.2	64.7	65.2	60.2
20	57.9	58.7	55.4	58.6	59.9	57.1	58.9	59.4	54.3	59.8	60.3	55.3
25	53.1	53.9	50.6	53.8	55.0	52.4	54.0	54.5	49.5	55.0	55.4	50.6
30	48.3	49.1	46.0	49.1	50.3	47.7	49.2	49.7	44.8	50.1	50.6	45.9
35	43.6	44.3	41.4	44.5	45.6	43.3	44.4	44.9	40.2	45.3	45.8	41.3
40	38.9	39.5	36.8	40.0	41.0	39.1	39.7	40.1	35.7	40.6	41.0	36.8
45	34.4	34.9	32.6	35.5	36.4	34.8	35.0	35.4	31.4	35.9	36.2	32.4
50	30.0	30.4	28.5	31.1	31.9	30.6	30.6	30.9	27.3	31.3	31.6	28.2
55	25.8	26.1	24.6	26.9	27.5	26.6	26.3	26.5	23.4	27.0	27.2	24.2
60	21.8	22.0	21.0	22.8	23.4	22.7	22.2	22.4	19.8	22.8	23.0	20.5
65	18.1	18.2	17.6	19.1	19.5	19.2	18.3	18.5	16.5	18.9	19.1	17.2
70	14.5	14.5	14.5	15.5	15.8	16.0	14.8	14.8	13.4	15.3	15.4	14.1
75	11.3	11.3	11.7	12.3	12.4	13.2	11.5	11.5	10.7	12.0	12.0	11.2
80	8.5	8.4	9.3	9.4	9.4	10.6	8.6	8.6	8.2	9.0	9.0	8.6
85	6.5	6.3	7.7	7.0	7.0	8.6	6.4	6.3	6.1	6.4	6.4	6.3

Note: Life expectancy figures for 1980 are different from those published in 1990 and earlier. Life expectancy figures for 1950, 1960 and 1970 appear in the annual Vital Statistics Summaries for 1990 and earlier. Total includes races other than white and black. See Technical Notes.

Table 15.

## Average Yearly Age-Sex-Specific Death Rates per 1,000 Population, New York City, 1909-1991

Age	1909-1911		1919-1920		1929-1931		1939-1941		1949-1951		1959-1961		1969-1971		1979-1981		1989-1991	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	50.2	43.2	32.4	26.5	19.4	15.4	11.3	8.8	7.6	6.0	8.2	6.4	6.6	5.3	4.1	3.4	3.8	3.1
5-9	4.2	3.9	3.8	3.1	2.5	2.0	1.0	0.8	0.6	0.5	0.7	0.5	0.6	0.4	0.4	0.2	0.2	0.2
10-14	2.4	2.3	2.4	2.2	1.7	1.3	0.9	0.7	0.6	0.4	0.5	0.3	0.5	0.3	0.3	0.2	0.3	0.2
15-19	3.9	3.1	4.0	3.7	2.6	2.2	1.3	1.1	0.9	0.6	0.9	0.5	1.8	0.7	1.3	0.5	1.7	0.4
20-24	5.3	4.6	5.8	5.4	3.4	3.2	1.7	1.6	1.3	0.9	1.5	0.7	2.9	0.9	2.4	0.7	2.5	0.7
25-29	6.9	5.9	6.5	6.9	3.8	3.4	2.2	2.0	1.4	1.2	1.7	1.0	2.8	1.1	2.7	0.8	3.2	1.0
30-34	9.6	7.6	7.7	7.0	5.1	4.1	3.1	2.4	2.0	1.6	2.4	1.6	3.3	1.7	3.1	1.1	5.0	1.8
35-39	13.0	9.3	9.2	7.3	7.0	5.0	4.5	3.2	3.2	2.2	3.5	2.3	4.8	2.5	3.7	1.6	7.4	2.4
40-44	16.5	11.2	10.9	9.0	10.1	6.9	7.0	4.8	5.5	3.6	5.6	3.5	6.7	3.6	5.2	2.5	8.4	2.6
45-49	20.8	14.3	15.2	12.1	14.8	10.5	11.7	7.4	8.9	5.3	8.6	5.0	9.5	5.3	7.8	3.9	9.0	3.5
50-54	26.5	19.1	20.6	16.3	22.0	15.0	17.2	11.5	14.5	8.3	13.7	7.2	13.5	7.3	11.0	5.8	11.1	5.3
55-59	37.0	28.8	30.1	24.8	32.0	23.4	25.9	17.5	22.6	12.8	19.7	9.8	19.8	9.9	15.6	8.4	14.5	7.6
60-64	51.4	44.1	40.8	33.8	44.7	35.3	37.9	26.8	32.9	20.5	30.0	15.8	28.3	13.4	23.2	12.7	20.1	11.6
65-69	68.5	58.9	60.1	55.0	62.0	50.2	55.0	40.8	46.2	29.7	43.4	24.2	41.1	20.3	33.4	17.8	28.5	16.9
70-74	89.6	81.2	85.1	79.5	84.3	73.3	78.9	62.5	68.0	49.7	61.1	40.7	57.3	32.6	49.9	27.3	41.9	25.3
75-79	127.3	114.4	116.2	107.6	120.7	109.2	111.4	93.3	95.9	77.0	87.7	65.6	83.1	55.3	71.0	42.7	60.6	37.8
80-84	167.4	159.6	162.6	143.6	170.9	151.2	149.8	141.5	134.0	121.2	138.9	117.1	120.3	91.7	109.9	75.9	95.9	62.1
85 & Over	257.4	232.3	224.8	210.2	242.8	227.5	230.5	222.2	202.8	183.8	206.6	198.3	167.0	155.6	185.2	154.2	169.6	142.9

Note: Rates for 1979-1981 and 1989-1991 are based on deaths to New York City residents only, regardless of place of occurrence, while those for previous years included all events in New York City, regardless of the residence of the decedents. See Technical Notes.

Table 16.

Average Yearly Age-Sex-Race Adjusted Death Rates for Selected Causes per 100,000 Population  
New York City, 1901-1991

Cause of Death	1901-1903	1909-1911	1919-1920	1929-1931	1939-1941	1949-1951	1959-1961	1969-1971	1979-1981	1989-1991
All causes	2,324.2	1,934.1	1,691.4	1,449.0	1,128.1	885.8	813.3	771.1	549.3	606.6
Respiratory tuberculosis	241.0	191.4	143.7	73.7	48.6	25.2	7.3	3.0	0.8	1.2
Other forms of tuberculosis	31.2	25.2	22.0	10.9	5.2	2.1	0.5	0.3	0.2	0.5
Influenza and pneumonia	302.8	260.8	301.7	178.6	60.3	30.7	36.4	29.0	15.2	22.2
Malignant neoplasms	116.8	124.8	134.3	156.0	176.9	170.6	162.9	161.2	126.0	128.0
Diabetes	23.3	25.4	26.5	35.8	43.6	17.0	14.8	15.9	10.3	7.1
Appendicitis	13.4	13.6	14.6	16.9	9.4	2.3	1.2	0.5	0.2	0.1
Nephritis	244.8	181.9	141.6	63.3	52.6	6.7	5.5	3.5	2.3	4.9
Diseases of circulatory system	258.6	383.2	427.7	506.7	421.1	404.8	355.8	306.6	239.1	228.7
Chronic liver disease and cirrhosis	*	*	*	*	*	*	*	*	23.5	11.8
Chronic obstructive pulmonary diseases	*	*	*	*	*	*	*	*	9.3	13.1
AIDS	*	*	*	*	*	*	*	*	*	55.0
Other HIV	*	*	*	*	*	*	*	*	*	1.6
Total accidents	108.2	87.8	73.8	81.3	55.9	38.4	28.1	22.7	18.2	21.6
Auto accidents	*	*	14.9	22.6	12.8	7.3	7.7	11.0	8.4	9.4
Other accidents	*	*	58.9	58.7	43.1	31.0	20.3	11.6	9.8	12.1
Suicide	26.8	21.2	14.1	21.3	14.3	9.7	9.2	6.4	9.4	9.0
Homicide	3.6	5.1	6.2	8.0	4.4	4.0	5.3	14.0	21.8	22.6

Note: Rates for 1979-1981 and 1989-1991 are based on deaths to New York City residents only, regardless of place of occurrence, while those for previous years included all events in New York City, regardless of the residence of the decedents. See Technical Notes.

For 1901-1903 and 1909-1911 rates are adjusted for age and sex. For other years, rates are adjusted for age, sex and race (white and others). Standard is United States population, 1940.

\* Data are not available or not applicable until a later time period.

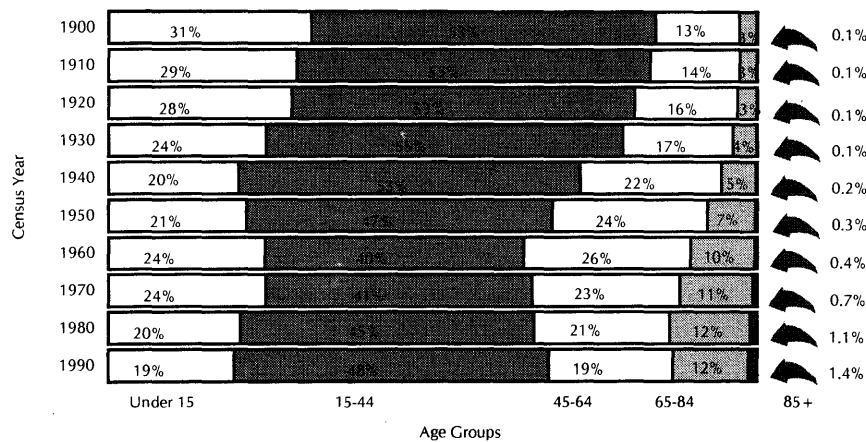


Figure 1. Changes in Age Composition of the Population New York City, 1900-1990

The age composition of the New York City population reflects changes in life expectancy, and natural historic trends. From 1900 to 1990, the proportion of city residents age 45 and over doubled, from 16% to 32%; the increase was greatest in the oldest age group, those 85 & over. The effect of the economic depression of the 1930's on the number of live births is seen in the lower percentage of residents under age 15 in 1940, while the post World War II baby boom increased this segment rapidly after 1950.

Figure 2. Age and Sex Composition of the Population New York City, 1990

This age-sex pyramid shows that there are more females than males in the New York City, 1990 population, and that the excess is greater at the older ages. The smaller segment of both males and females in age group 5-9 years reflect the lower number of births in the early 1980's, compared to the larger number in the second half of the 1980's.

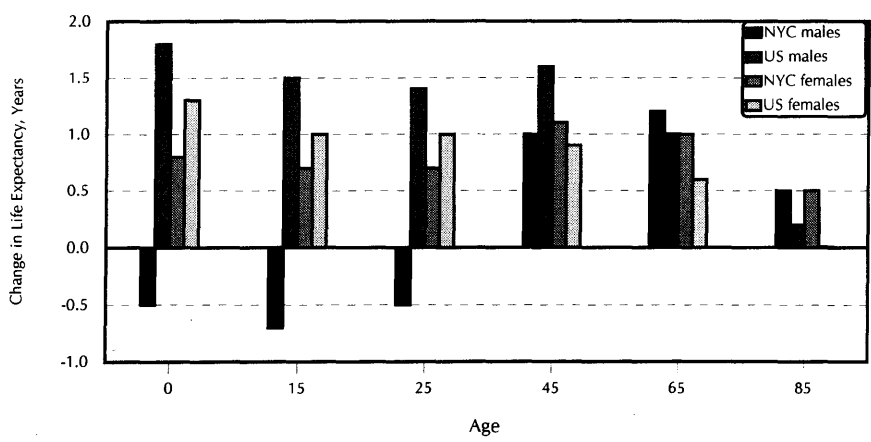
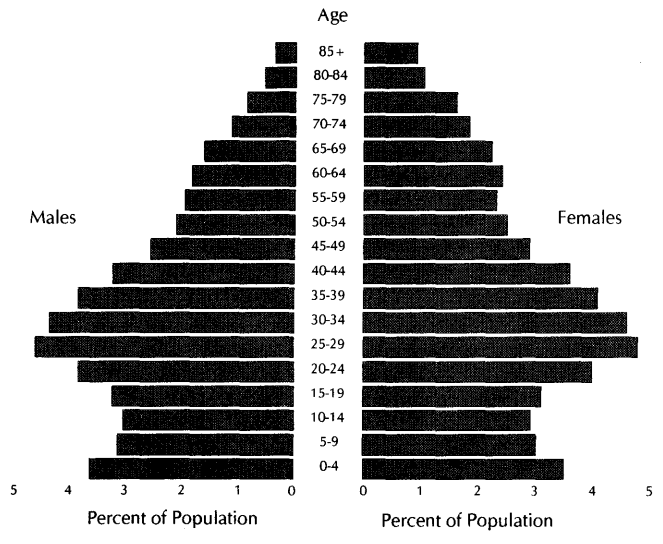


Figure 3. Changes in Life Expectancy at Selected Ages by Sex, 1980 and 1990 New York City and United States

Between 1980 and 1990, life expectancy for male New York City residents at birth, at ages 15 and 25 declined about one half year, while life expectancy for all United States males at these ages increased about one and one half years. Life expectancy for New York City females increased but less than for all United States females. At selected older ages New York City male residents showed somewhat greater increase in life expectancy than did males nationwide. New York City female residents achieved greater gains in life expectancy than did all United States females at these later ages. The decline in life expectancy among New York City males has been attributed to deaths due to AIDS and related infections.

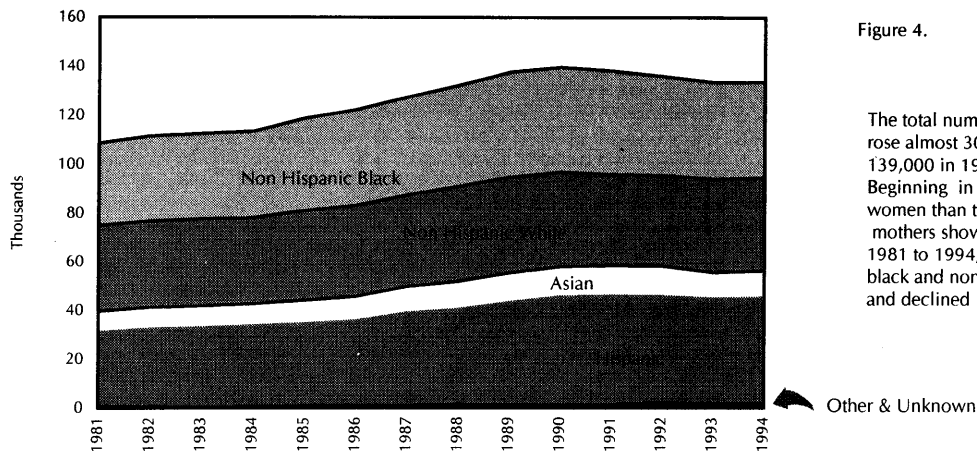


Figure 4. Live Births by Mother's Ethnic Group  
New York City, 1981-1994

The total number of live births registered in New York City rose almost 30% during the 1980's from 108,000 in 1981 to 139,000 in 1990, and declined 4.3% in 1994 to 133,000. Beginning in 1990, there were more births to Hispanic women than to any other group. Births to Hispanic mothers showed the largest proportional increase from 1981 to 1994, almost 42%. Births to both non-Hispanic black and non-Hispanic white women peaked in 1989, and declined slightly thereafter.

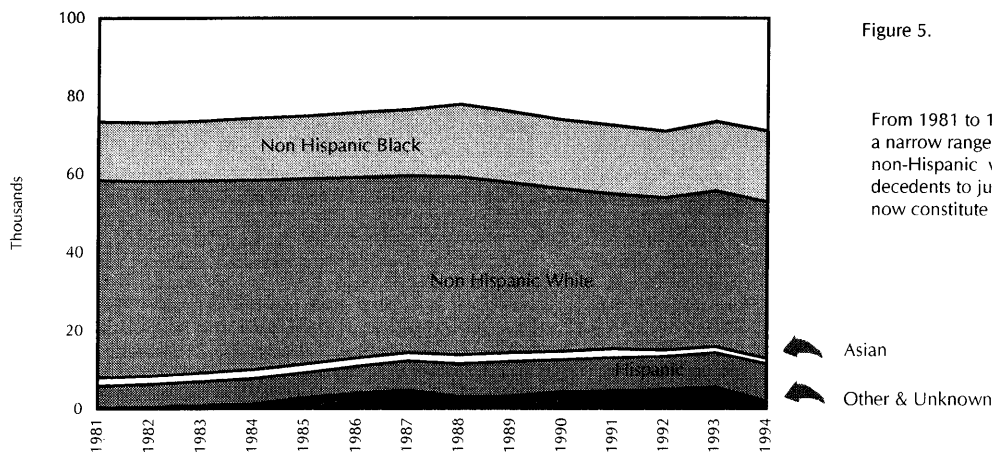


Figure 5. Deaths by Ethnic Group of Decedent  
New York City, 1981-1994

From 1981 to 1994, the annual number of deaths varied within a narrow range, from 73,000 to under 78,000. The number of non-Hispanic white decedents declined from two-thirds of all decedents to just over half. Deaths among non-Hispanic blacks now constitute about one-quarter of New York City deaths.

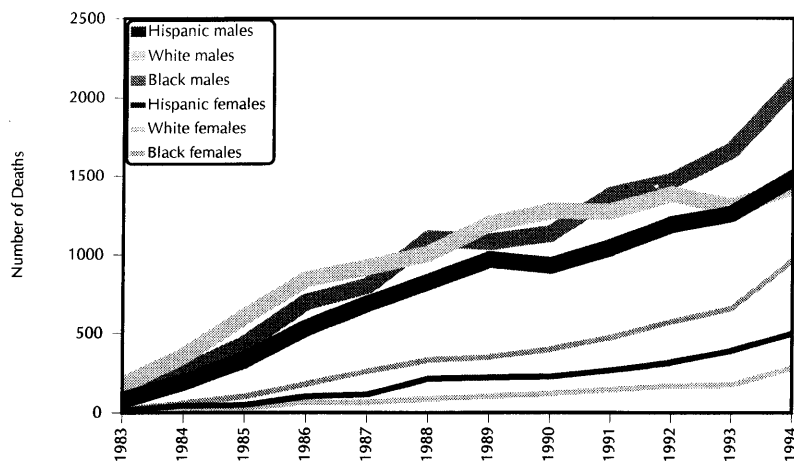


Figure 6. Deaths Due to AIDS by Sex and Selected Ethnic Group  
New York City, 1983-1994

Although there continue to be more AIDS deaths among males than among females, the ratio has declined since 1987, from about six-to-one to about four-to-one. Among males, there are now more deaths among non-Hispanic blacks than among non-Hispanic whites. Among females, most AIDS deaths occur among non-Hispanic black women, followed by Hispanic women. In both sexes, there is no apparent levelling of deaths.



Table 17.

## Deaths and Death Rates per 100,000 Population from

Cause (ICD-9 Codes <sup>(1)</sup> )	ANNUAL										
	1901-1905	1906-1910	1911-1915	1916-1920	1921-1925	1926-1930	1931-1935	1936-1940	1941-1945	1946-1948	1949-1951
Infant deaths (under 1 year).....	15,611	16,609	14,060	12,004	8,895	7,662	5,521	4,079	3,828	4,298	3,882
Rate per 1,000 live births.....	120.8	115.2	100.0	88.2	68.9	61.0	52.0	39.8	30.3	26.8	24.5
Neonatal deaths (under 28 days).....	**	**	5,143	4,894	4,309	3,892	3,152	2,631	2,764	3,298	2,989
Rate per 1,000 live births.....	**	**	37.4	36.0	33.0	31.0	29.7	25.7	21.9	20.5	18.9
Early neonatal deaths (under 7 days).....	**	**	**	**	**	**	**	2,110	2,338	2,845	2,604
Rate per 1,000 live births.....	**	**	**	**	**	**	**	20.5	18.5	17.7	16.4
Fetal deaths 28 weeks gestation & over.....	**	**	**	**	**	**	**	2,589	2,709	2,902	2,441
Ratio per 1,000 live births.....	**	**	**	**	**	**	**	25.3	21.4	18.1	15.4
Perinatal mortality rate <sup>(2)</sup> .....	**	**	**	**	**	**	**	44.7	39.1	35.1	31.3
Complications of pregnancy, childbirth and the puerperium (630-676).....	694	745	694	664	689	651	608	372	255	178	115
Rate per 10,000 live births.....	53.7	51.7	49.4	48.8	52.8	51.8	57.3	36.3	20.2	11.1	7.3
Respiratory tuberculosis (010-012).....	8,154	8,832	8,745	7,915	4,937	4,574	4,068	3,680	3,281	2,932	2,173
Rate.....	215.4	197.5	173.2	144.1	80.0	68.2	57.3	50.0	43.2	37.7	27.4
Other forms of tuberculosis (013-018).....	**	**	**	**	**	**	**	**	**	**	**
Rate.....	**	**	**	**	**	**	**	**	**	2.9	2.2
Acquired immunodeficiency syndrome (042) <sup>(3)</sup> .....	**	**	**	**	**	**	**	**	**	**	**
Rate.....	**	**	**	**	**	**	**	**	**	**	**
Measles (055).....	616	925	630	559	405	255	107	31	14	16	10
Rate <sup>(4)</sup> .....	144.0	191.8	119.8	100.5	73.2	46.8	21.4	6.5	2.6	2.4	1.4
Malignant neoplasms, all (140-208).....	2,621	3,334	4,256	4,993	6,229	7,637	9,062	11,257	13,169	14,627	15,556
Rate.....	69.2	74.5	84.3	90.9	100.9	113.9	127.6	152.9	173.3	188.2	196.0
Trachea, bronchus and lung, male (162).....	**	**	**	**	**	**	**	**	**	828	847
Rate.....	**	**	**	**	**	**	**	**	**	21.9	22.2
Trachea, bronchus and lung, female (162).....	**	**	**	**	**	**	**	**	**	220	179
Rate.....	**	**	**	**	**	**	**	**	**	5.5	4.4
Breast, female (174).....	**	**	**	**	**	**	**	**	**	1,429	1,476
Rate.....	**	**	**	**	**	**	**	**	**	35.9	36.4
Diabetes mellitus (250).....	520	690	916	1,063	1,284	1,624	2,140	2,787	3,131	3,423	1,583
Rate.....	13.7	15.4	18.1	19.4	20.8	24.2	30.1	37.9	41.2	44.0	19.9
Circulatory system (390-459).....	5,954	9,148	12,699	14,792	18,114	21,815	23,706	25,711	30,886	32,539	36,206
Rate.....	157.3	204.5	251.5	269.3	293.3	325.5	333.8	349.2	406.6	418.7	456.3
Cerebrovascular disease (430-438).....	2,593	1,790	970	834	719	723	1,333	3,846	3,611	3,710	5,099
Rate.....	68.4	40.0	19.2	15.2	11.6	10.8	20.2	52.2	47.5	47.7	64.3
Pneumonia & Influenza (480-487).....	10,425	10,985	10,528	17,136	8,935	9,989	8,205	5,337	3,453	3,014	2,469
Rate.....	275.4	245.6	208.5	312.0	144.7	149.0	115.5	72.5	45.5	38.8	31.2
Other respiratory (460-478, 490-519).....	3,224	2,307	1,458	1,407	689	622	594	536	492	424	450
Rate.....	85.2	51.6	38.9	25.6	11.2	9.3	8.4	7.3	6.5	5.5	5.7
Chronic liver disease & cirrhosis (571).....	814	1,076	900	500	338	413	584	922	1,052	1,500	1,500
Rate.....	21.5	24.1	17.8	9.1	5.5	6.2	8.2	12.5	13.8	17.5	19.2
Nephritis, nephrosis, etc (580-589).....	5,752	5,600	5,499	5,676	4,108	3,411	3,608	3,675	3,081	2,574	570
Rate.....	151.9	125.2	108.9	103.4	50.9	50.8	50.9	40.6	40.6	33.1	7.2
Drug dependence (304).....	**	**	**	**	**	**	**	**	**	**	**
Rate.....	**	**	**	**	**	**	**	**	**	**	**
Accidental drug poisoning <sup>(5)</sup> .....	**	**	**	**	**	**	**	**	**	**	**
Rate.....	**	**	253	658	929	1,175	1,167	920	728	635	600
Motor vehicle accidents (E810-E825).....	**	**	5.0	12.0	15.0	17.5	16.4	12.5	9.6	8.2	7.6
Rate.....	**	**	**	**	**	**	**	1,546	1,823	1,941	1,699
Home Accidents.....	**	**	**	**	**	**	**	21.0	24.0	25.0	21.4
Rate.....	**	**	**	**	**	**	**	3,107	3,091	3,255	2,707
Other accidents (Rest of E800-E949).....	3,521	3,549	3,516	3,426	3,138	3,574	3,205	3,107	3,091	3,255	2,707
Rate.....	93.0	79.3	69.3	62.4	50.8	53.3	45.1	42.2	40.7	41.9	34.3
Suicide (E950-E959).....	761	825	686	742	842	1,163	1,369	1,191	907	930	863
Rate.....	20.1	18.4	17.2	13.5	13.6	17.4	19.3	16.2	11.9	12.0	10.9
Homicide (E960-E978, E990-E999).....	143	247	293	271	334	405	522	351	265	362	318
Rate.....	3.8	5.5	5.8	4.9	5.4	6.0	7.4	4.5	3.5	4.7	4.0
Injury, undetermined whether accidentally or purposely inflicted (E980-E989).....	**	**	**	**	**	**	**	**	**	**	**
Rate.....	**	**	**	**	**	**	**	**	**	**	**

\*\* Data are not available or not applicable until a later time period.

(1) Numbers following causes are codes of the International Classification of Diseases, Ninth Revision.

fetal deaths 28 weeks and over + infant deaths under 7 days

(2) Perinatal mortality rate =  $\frac{\text{fetal deaths 28 weeks and over} + \text{live births}}{\text{live births}} \times 1,000$

(3) Acquired immunodeficiency syndrome (AIDS) was first reported as a cause of death in 1982. From 1982 to 1986, the ICD code was 279.1; beginning 1987 it is code 042.

(4) Rate per 100,000 population under 5 years of age.

(5) Accidental drug poisoning includes ICD codes E850.0, E854.1, E855.2, E858.8.

(6) Data for 1982-1985.

(7) Rate less than 0.05.

**Selected Causes, New York City, 1901-1994**

**AVERAGE**

1952-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
4,021	4,290	4,333	3,477	2,312	1,875	1,624	1,566	1,673	1,770	1,827	1,620	1,575	1,390	1,366	1,207
24.6	25.7	26.2	23.6	19.9	17.4	14.4	12.8	13.1	13.4	13.3	11.6	11.4	10.2	10.2	9.0
3,032	3,220	3,226	2,602	1,714	1,333	1,097	1,078	1,139	1,232	1,253	1,091	1,089	941	917	804
18.5	19.3	19.5	17.7	14.8	12.3	9.7	8.8	8.9	9.3	9.1	7.8	7.9	6.9	6.9	6.0
2,713	2,909	2,922	2,351	1,480	1,131	927	909	977	1,027	1,039	908	896	783	769	660
16.6	17.4	17.7	16.0	12.8	10.5	8.2	7.4	7.7	7.8	7.5	6.5	6.5	5.8	5.8	4.9
2,310	2,362	2,276	1,885	1,288	835	719	643	741	689	721	696	648	970	692	589
14.1	14.1	13.8	12.8	11.1	7.7	6.4	5.3	5.8	5.2	5.2	5.0	4.7	7.1	5.2	4.4
30.2	31.1	31.0	28.4	23.6	18.1	14.5	12.7	13.4	10.0	12.7	11.4	11.1	12.8	10.9	9.3
102	107	109	73	36	28	33	29	28	26	29	35	24	30	20	29
6.2	6.4	6.6	5.0	3.1	2.6	2.9	2.4	2.2	2.0	2.1	2.5	1.7	2.2	1.5	2.2
1,178	824	624	432	235	141	125	160	154	200	173	182	197	155	135	113
15.0	10.6	8.0	5.5	3.1	2.0	1.7	2.2	2.1	2.8	2.4	2.5	2.7	2.1	1.8	1.5
97	52	43	39	32	22	35	26	65	46	63	74	57	45	31	20
1.2	0.7	0.6	0.5	0.4	0.3	0.5	0.4	0.9	0.6	0.9	1.0	0.8	0.6	0.4	0.3
**	**	**	**	**	**	768 <sup>(6)</sup>	2,650	3,159	3,739	4,193	4,479	5,019	5,592	6,002	6,956
12	12	8	2	1	0	0	0	0	0	0	3	6	1	0	0
1.8	1.8	1.1	0.2	0.2	-	-	-	-	-	-	(7)	0.1	(7)	-	-
16,553	16,869	17,398	17,814	17,315	16,549	15,889	15,861	15,822	15,655	15,208	15,513	15,255	15,228	15,040	15,298
210.6	216.1	222.1	226.3	226.3	228.7	222.3	219.6	218.3	215.3	208.4	211.9	208.3	208.0	205.4	208.9
1,021	1,157	1,294	1,890	2,434	2,387	2,217	2,126	2,266	2,281	2,150	2,184	2,138	2,097	2,094	2,120
27.0	30.9	34.8	51.0	68.1	71.0	66.7	63.0	66.9	67.0	62.8	63.5	62.2	61.0	60.9	61.7
228	261	303	474	777	970	1,169	1,289	1,313	1,275	1,318	1,378	1,403	1,420	1,460	1,383
5.6	6.4	7.4	11.4	19.1	25.0	30.6	33.5	34.0	33.0	34.0	35.5	36.1	36.6	37.6	35.6
1,517	1,573	1,694	1,787	1,723	1,622	1,533	1,526	1,499	1,581	1,545	1,532	1,496	1,518	1,490	1,483
37.3	38.7	41.3	42.9	42.3	41.9	40.1	39.6	38.9	40.9	39.9	39.4	38.5	39.1	38.4	38.2
1,644	1,581	1,789	1,867	2,064	1,547	1,436	1,370	1,332	1,302	997	991	998	1,055	1,216	1,760
20.9	20.3	22.9	23.7	27.0	21.4	20.1	19.0	18.4	17.9	13.7	13.5	13.6	14.4	16.6	24
37,724	38,988	39,943	41,981	40,639	37,978	37,818	35,246	33,967	33,793	32,665	31,966	31,971	32,096	33,601	31,048
479.9	499.5	510.2	532.4	531.1	524.8	529.1	488.0	468.7	464.7	447.6	436.5	436.6	438.3	458.9	424.0
5,688	6,013	6,174	6,277	5,433	4,174	3,194	3,230	2,946	2,856	2,893	2,709	2,556	2,189	2,278	2,155
72.4	77.0	78.9	79.7	71.0	57.7	44.7	44.7	40.7	39.3	39.6	37.0	34.9	29.9	31.1	29.4
2,664	3,459	3,394	3,562	3,164	3,000	2,740	3,257	3,175	3,327	3,397	3,612	3,172	2,719	3,029	2,541
33.9	44.3	43.4	45.2	41.4	41.5	38.3	45.1	43.8	45.8	46.6	49.3	43.3	37.1	41.4	34.7
461	651	960	1,425	1,627	1,583	1,941	2,525	2,513	2,548	2,541	2,408	2,087	1,881	1,959	1,889
5.9	8.3	12.3	18.1	21.3	21.9	27.2	35.0	34.7	35.0	34.8	32.9	28.5	25.7	26.8	25.8
1,440	1,858	2,386	2,936	2,440	2,185	1,789	1,532	1,432	1,377	1,086	1,016	958	990	959	903
18.3	23.8	30.5	37.3	31.9	30.2	25.0	21.2	19.8	18.9	14.9	13.9	13.1	13.5	13.1	12.3
556	573	509	447	372	381	383	689	791	931	970	699	450	327	327	238
7.1	7.3	6.5	5.7	4.9	5.3	5.4	9.5	10.9	12.8	13.3	9.5	6.1	4.5	4.5	3.3
81	96	263	551	677	414	573	767	956	1,208	591	413	781	803	1,083	1,033
1.0	1.2	3.4	7.0	8.8	5.7	8.0	10.6	13.2	16.6	8.1	5.6	10.7	11.0	14.8	14.1
**	**	**	**	**	**	1	0	0	2	429	282	59	55	62	35
						(7)	-	-	(7)	5.9	3.9	0.8	0.8	0.8	0.5
634	655	714	887	834	606	477	514	622	618	663	704	631	586	551	500
8.1	8.4	9.1	11.3	10.9	8.4	6.7	7.1	8.6	8.5	9.1	9.6	8.6	8.0	7.5	6.8
1,568	1,095	951	871	755	525	486	555	485	603	752	552	517	472	525	513
19.9	14.0	12.1	11.1	9.9	7.3	6.8	7.7	6.7	8.3	10.3	7.5	7.1	6.4	7.2	7.0
2,450	2,091	1,947	1,730	1,239	926	812	791	677	857	1,151	922	364	428	355	398
31.2	26.8	24.9	22.0	16.2	12.8	11.4	11.0	9.3	11.8	15.8	12.6	5.0	5.8	4.8	5.4
649	711	908	680	641	711	603	593	502	557	703	646	649	605	558	605
8.3	9.1	11.6	8.6	8.4	9.8	8.4	8.2	6.9	7.7	9.6	8.8	8.9	8.3	7.6	8.3
340	366	592	992	1,663	1,700	1,763	1,635	1,691	1,943	1,970	2,272	2,209	2,041	2,007	1,607
4.3	4.7	7.6	12.6	21.7	23.5	24.7	22.6	23.3	26.7	27.0	31.0	30.2	27.9	27.4	21.9
**	**	**	946	1,062	699	696	661	790	727	186	158	144	141	200	176
			10.9	13.9	9.7	9.7	9.2	10.9	10.0	2.5	2.2	2.0	1.9	2.7	2.4

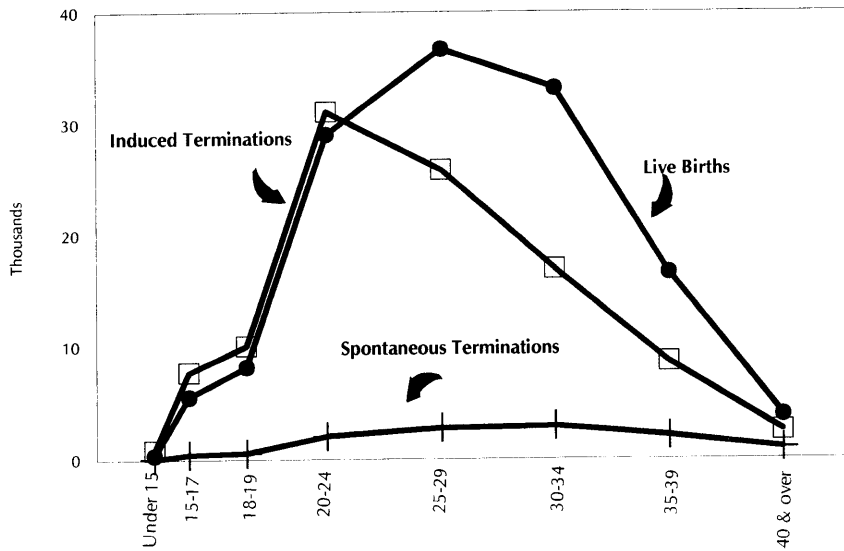


Figure 7. Live Births, Induced Terminations and Spontaneous Terminations of Pregnancy by Age of Woman  
New York City, 1994

There are almost 250,000 pregnancy outcomes reported in New York City, annually. Over half are live births, about 40% are induced terminations and the remainder are spontaneous terminations, or fetal deaths. (The number of spontaneous terminations reported depends on active surveillance.) For women under age 24, the outcome is more likely to be an induced or spontaneous termination than a live birth. Women age 30-34 and 35-39 are about twice as likely to have a live birth as an induced or spontaneous termination.

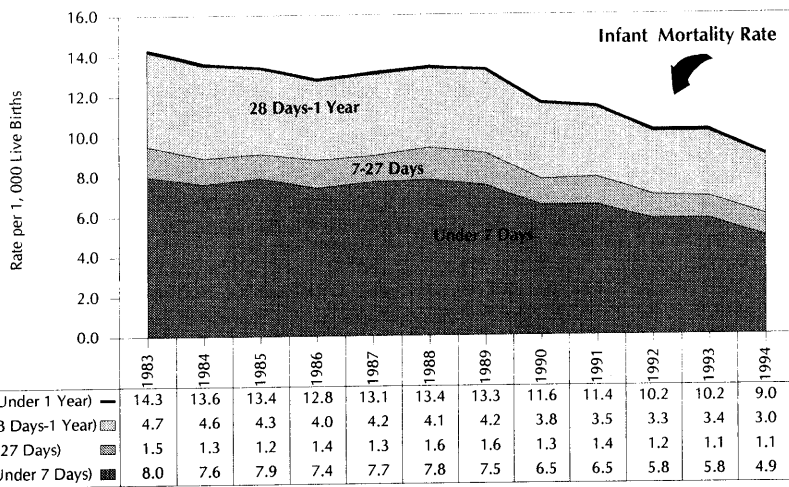


Figure 8. Infant, Neonatal and Post-neonatal Mortality Rates  
New York City, 1983-1994

The New York City infant mortality rate has declined 36% since 1983. The largest drop 13% occurred from 1989 to 1990. About 55% of the infant deaths occur in the early neonatal period (under seven days of age), about 10% in the late neonatal period (7 to 27 days) and about one-third from 28 days through the remainder of the first year of life. Similar declines have occurred in all three age groups.

Table 18.

**Live Births, Spontaneous and Induced Terminations of Pregnancy  
by Borough of Residence and Age of Woman  
New York City, 1994**

Borough of Residence/ Pregnancy Outcome	Total	Age of Woman								Unknown & Not Stated
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40 & Over	
NEW YORK CITY	249,602	1,235	13,733	18,904	62,216	65,320	53,051	27,339	7,288	516
Live Births	133,662	368	5,560	8,228	29,059	36,693	33,177	16,639	3,872	66
Spontaneous Terminations	12,040	46	458	587	2,067	2,777	2,936	2,076	931	162
Induced Terminations	103,900	821	7,715	10,089	31,090	25,850	16,938	8,624	2,485	288
MANHATTAN	39,113	191	2,303	2,899	8,797	9,777	8,674	4,913	1,476	83
Live Births	20,963	61	953	1,268	3,780	5,227	5,576	3,204	885	9
Spontaneous Terminations	1,817	8	82	87	251	389	456	337	187	20
Induced Terminations	16,333	122	1,268	1,544	4,766	4,161	2,642	1,372	404	54
BRONX	50,073	329	3,504	4,486	14,572	13,278	8,875	3,974	950	105
Live Births	24,351	103	1,528	2,062	6,522	6,684	4,854	2,114	465	19
Spontaneous Terminations	2,072	15	125	140	468	502	436	283	83	20
Induced Terminations	23,650	211	1,851	2,284	7,582	6,092	3,585	1,577	402	66
BROOKLYN	78,610	411	4,406	6,315	20,997	20,176	15,605	8,183	2,371	146
Live Births	42,921	146	1,977	2,981	10,715	11,481	9,532	4,830	1,240	19
Spontaneous Terminations	4,291	15	150	218	808	997	1,004	714	327	58
Induced Terminations	31,398	250	2,279	3,116	9,474	7,698	5,069	2,639	804	69
QUEENS	55,937	210	2,651	3,962	13,588	15,475	12,269	6,140	1,523	119
Live Births	29,631	47	895	1,585	6,405	8,973	7,481	3,537	692	16
Spontaneous Terminations	2,542	4	86	117	435	608	633	426	197	36
Induced Terminations	23,764	159	1,670	2,260	6,748	5,894	4,155	2,177	634	67
RICHMOND	8,661	30	330	428	1,606	2,618	2,395	1,034	212	8
Live Births	6,025	8	146	221	943	1,959	1,882	739	127	-
Spontaneous Terminations	581	3	11	11	63	163	173	106	46	5
Induced Terminations	2,055	19	173	196	600	496	340	189	39	3
NON-RESIDENTS	16,876	62	522	775	2,574	3,938	5,176	3,052	750	27
Live Births	9,639	1	51	94	662	2,340	3,826	2,202	461	2
Spontaneous Terminations	715	1	4	13	39	118	234	210	91	5
Induced Terminations	6,522	60	467	668	1,873	1,480	1,116	640	198	20
RESIDENCE UNKNOWN	332	2	17	39	82	58	57	43	6	28
Live Births	132	2	10	17	32	29	26	13	2	1
Spontaneous Terminations	22	-	-	1	3	-	-	-	-	18
Induced Terminations	178	-	7	21	47	29	31	30	4	9

Table 19.

**Spontaneous Terminations of Pregnancy by Gestation and Age of Woman  
New York City, 1994**

Gestation in Weeks	Total	Age of Woman								Not Stated
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40 & Over	
Total	12,040	46	458	587	2,067	2,777	2,936	2,076	931	162
Under 13	6,754	23	241	313	1,119	1,610	1,632	1,167	581	68
13-15	1,262	5	57	69	255	267	286	209	101	13
16-19	939	4	40	46	169	218	257	157	45	3
20-27	836	7	38	51	170	195	201	134	34	6
28 & Over	586	1	23	33	109	142	150	101	21	6
Not Stated	1,657	6	59	75	245	343	408	308	147	66

**Table 20. Live Births, Spontaneous Terminations of 28 Weeks Gestation and Over and Induced Terminations of Pregnancy by Boroughs of Residence and Occurrence New York City, 1994**

Borough of Residence/ Pregnancy Outcome	Total	Borough of Occurrence				
		Manhattan	Bronx	Brooklyn	Queens	Richmond
<b>NEW YORK CITY</b> .....	238,148	97,885	30,342	48,058	55,249	6,614
Live Births .....	133,662	41,988	21,445	36,945	27,018	6,266
Spontaneous Terminations .....	586	144	95	196	128	23
Induced Terminations .....	103,900	55,753	8,802	10,917	28,103	325
<b>MANHATTAN</b> .....	37,375	35,010	1,163	315	870	17
Live Births .....	20,963	20,035	584	158	173	13
Spontaneous Terminations .....	79	75	2	-	2	-
Induced Terminations .....	16,333	14,900	577	157	695	4
<b>BRONX</b> .....	48,107	19,584	27,120	349	1,044	10
Live Births .....	24,351	4,508	19,513	151	170	9
Spontaneous Terminations .....	106	19	86	-	1	-
Induced Terminations .....	23,650	15,057	7,521	198	873	1
<b>BROOKLYN</b> .....	74,530	21,840	223	43,859	8,098	510
Live Births .....	42,921	6,953	98	34,086	1,283	501
Spontaneous Terminations .....	211	22	1	180	6	2
Induced Terminations .....	31,398	14,865	124	9,593	6,809	7
<b>QUEENS</b> .....	53,526	10,564	326	2,219	40,373	44
Live Births .....	29,631	5,107	199	1,611	22,671	43
Spontaneous Terminations .....	131	14	2	9	106	-
Induced Terminations .....	23,764	5,443	125	599	17,596	1
<b>RICHMOND</b> .....	8,105	1,715	12	554	132	5,692
Live Births .....	6,025	209	5	419	23	5,369
Spontaneous Terminations .....	25	1	-	5	-	19
Induced Terminations .....	2,055	1,505	7	130	109	304
<b>NON-RESIDENTS</b> .....	16,195	9,013	1,457	718	4,668	339
Live Births .....	9,639	5,143	1,012	488	2,667	329
Spontaneous Terminations .....	34	13	4	2	13	2
Induced Terminations .....	6,522	3,857	441	228	1,988	8
<b>RESIDENCE UNKNOWN</b> .....	310	159	41	44	64	2
Live Births .....	132	33	34	32	31	2
Spontaneous Terminations .....	0	-	-	-	-	-
Induced Terminations .....	178	126	7	12	33	-

**Table 21. Live Births by Ancestry of Mother and Borough of Residence New York City, 1994**

Ancestry of Mother	Total	Borough of Residence						
		Manhattan	Bronx	Brooklyn	Queens	Richmond	Non-Residents	Residence Unknown
<b>Total</b> .....	133,662	20,963	24,351	42,921	29,631	6,025	9,639	132
Puerto Rican .....	15,182	2,224	5,891	4,656	1,691	354	345	21
Dominican .....	12,257	4,438	3,795	1,986	1,829	38	146	25
Colombian .....	1,838	83	56	151	1,452	26	70	-
Ecuadorian .....	2,335	254	301	468	1,261	16	34	1
Mexican .....	4,606	687	731	1,604	1,447	109	19	9
Cuban .....	382	95	50	52	101	14	69	1
Other Hispanic .....	6,880	675	1,791	1,648	2,331	193	235	7
African-American .....	24,190	3,503	5,485	9,723	4,234	684	526	35
American .....	9,607	1,430	847	2,981	1,560	1,289	1,495	5
Guyanese .....	2,221	35	307	805	1,017	8	48	1
Haitian .....	2,372	103	39	1,495	626	10	97	2
Jamaican .....	2,989	63	733	1,225	849	14	102	3
Trinidadian .....	1,033	19	66	594	322	15	15	2
Other North, Central and South American .....	4,998	436	900	2,840	591	40	189	2
English .....	1,006	371	41	239	93	28	234	-
German .....	1,524	417	56	223	275	135	418	-
Irish .....	3,757	562	289	638	756	512	998	2
Italian .....	5,923	460	340	1,481	968	1,538	1,135	1
Polish .....	1,323	184	26	516	328	64	204	1
Russian .....	2,010	383	44	900	340	32	311	-
Other European .....	1,974	626	68	483	301	109	387	-
Chinese .....	4,487	1,173	82	1,536	1,347	82	265	2
Asian Indian .....	1,557	96	126	231	889	66	148	1
Korean .....	1,101	98	52	77	751	21	102	-
Filipino .....	1,195	169	111	177	530	59	149	-
Other Asian .....	4,147	618	299	1,591	1,239	96	300	4
Other and Not Stated .....	12,768	1,761	1,825	4,601	2,503	473	1,598	7

**Figure 9. Marriages, Births, Deaths and Average Per Day by Month  
New York City, 1994**

MONTHS	NUMBER			AVERAGE PER DAY		
	MARRIAGES	BIRTHS	DEATHS	MARRIAGES	BIRTHS	DEATHS
January	4,567	11,130	6,591	147	334	213
February	4,629	10,473	5,542	165	372	198
March	5,849	11,631	6,029	189	417	194
April	5,890	10,441	5,775	196	361	193
May	6,541	11,151	5,885	211	328	190
June	6,726	11,223	5,545	224	392	185
July	6,025	11,653	5,901	194	356	190
August	7,553	11,502	5,668	244	381	183
September	6,534	11,505	5,544	218	388	185
October	5,633	11,176	6,058	182	351	195
November	5,433	10,674	5,668	181	360	189
December	5,058	11,103	6,832	163	355	220
Total	70,438	133,662	71,038	193	366	195

**Figure 10a. Most Popular Baby Names by Sex  
New York City, Selected Years**

Rank	GIRLS									
	1898	1928	1948	1980	1985	1990	1991	1992	1993	1994
1	Mary	Mary	Linda	Jennifer	Jennifer	Stephanie	Stephanie	Ashley	Ashley	Ashley
2	Catherine	Marie	Mary	Jessica	Jessica	Jessica	Ashley	Stephanie	Stephanie	Jessica
3	Margaret	Annie	Barbara	Melissa	Christina	Ashley	Jessica	Jessica	Jessica	Stephanie
4	Annie	Margaret	Patricia	Nicole	Stephanie	Jennifer	Amanda	Amanda	Amanda	Samantha
5	Rose	Catherine	Susan	Michelle	Melissa	Amanda	Samantha	Samantha	Samantha	Amanda
6	Marie	Gloria	Kathleen	Elizabeth	Nicole	Samantha	Jennifer	Jennifer	Nicole	Nicole
7	Esther	Helen	Carol	Lisa	Elizabeth	Nicole	Nicole	Nicole	Jennifer	Jennifer
8	Sarah	Teresa	Nancy	Christina	Amanda	Christina	Michelle	Michelle	Michelle	Michelle
9	Frances	Joan	Margaret	Tiffany	Danielle	Melissa	Melissa	Melissa	Melissa	Tiffany
10	Ida	Barbara	Diane	Maria	Lauren	Michelle	Christina	Christina	Christina	Danielle

Rank	BOYS									
	1898	1928	1948	1980	1985	1990	1991	1992	1993	1994
1	John	John	Robert	Michael	Michael	Michael	Michael	Michael	Michael	Michael
2	William	William	John	David	Christopher	Christopher	Christopher	Christopher	Christopher	Christopher
3	Charles	Joseph	James	Jason	Daniel	Jonathan	Jonathan	Jonathan	Jonathan	Kevin
4	George	James	Michael	Joseph	David	Anthony	Anthony	Anthony	Jonathan	Anthony
5	Joseph	Richard	William	Christopher	Anthony	David	Joseph	Joseph	Anthony	Jonathan
6	Edward	Edward	Richard	Anthony	Joseph	Daniel	Daniel	Daniel	Daniel	Daniel
7	James	Robert	Joseph	John	Jonathan	Joseph	David	David	Joseph	Joseph
8	Louis	Thomas	Thomas	Daniel	Jason	Matthew	Matthew	Kevin	David	Matthew
9	Francis	George	Stephen	Robert	John	John	Kevin	Matthew	Matthew	David
10	Samuel	Louis	David	James	Robert	Andrew	John	John	John	Brandon

**Figure 10b. Most Popular Baby Names by Sex and Mother's Ethnicity  
New York City, 1994**

Rank	BOYS				GIRLS			
	HISPANIC	BLACK	WHITE	ASIAN	HISPANIC	BLACK	WHITE	ASIAN
1	Kevin	Christopher	Michael	Kevin	Ashley	Ashley	Jessica	Michelle
2	Jonathan	Michael	Joseph	David	Stephanie	Jasmine	Nicole*	Jennifer
3	Christopher	Brandon	Matthew	Jason	Jennifer	Danielle	Samantha*	Stephanie
4	Jose	Anthony	Daniel	Daniel*	Jessica	Brittany	Sarah	Sarah*
5	Michael	Joshua	Nicholas	Michael*	Kimberly	Tiffany	Amanda	Tiffany*
6	Luis	Justin	Christopher	Andrew	Amanda	Alexis	Danielle	Jessica
7	Anthony	Kevin	John	Jonathan	Samantha	Brianna	Rachel	Samantha
8	Joshua	James	Anthony	Christopher	Tiffany	Diamond	Emily	Christine*
9	Brandon	Jonathan	David	Justin	Katherine	Jessica	Alexandra*	Jenny*
10	Christian	David	Andrew	Jeffrey	Michelle	Crystal	Stephanie*	Vivian

Note: Persons of Hispanic ethnicity may be of any race. Other and Unknown ethnicities not shown.  
\*Tied ranks.

Table 22.

**Selected Characteristics of Live Births and Spontaneous Terminations of Pregnancy  
28 Weeks Gestation and Over by Age of Mother  
New York City, 1994**

	Total	Age of Mother								Not Stated
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40 & Over	
Total Live Births	133,662	368	5,560	8,228	29,059	36,693	33,177	16,639	3,872	66
Sex										
Male	68,196	181	2,871	4,148	14,952	18,681	16,891	8,443	1,999	30
Female	65,466	187	2,689	4,080	14,107	18,012	16,286	8,196	1,873	36
Birth Order This Child (Live Births Only)										
First	57,447	349	4,701	5,922	14,996	14,616	11,195	4,582	1,053	33
Second	39,295	16	757	1,828	8,870	11,523	10,399	4,896	989	17
Third	20,417	1	96	399	3,604	6,085	6,096	3,438	688	10
Fourth	8,571	1	4	65	1,149	2,518	2,723	1,708	401	2
Fifth	3,820	-	1	9	334	1,147	1,264	824	239	2
Sixth or higher	4,112	1	1	5	106	804	1,500	1,191	502	2
Weight at Delivery in Grams										
Under 500	186	1	9	8	40	58	45	20	4	1
500-999	933	4	50	64	194	234	233	125	29	-
1000-1499	1,261	4	70	85	240	309	328	179	46	-
1500-1999	2,327	13	113	120	429	614	598	361	79	-
2000-2499	7,256	37	401	529	1,442	1,896	1,738	973	236	4
2500-2999	25,416	107	1,368	1,843	5,911	6,724	5,867	2,884	703	9
3000-3499	51,635	129	2,371	3,442	11,814	13,969	12,415	6,073	1,390	32
3500-3999	34,043	64	982	1,754	7,091	9,821	8,894	4,399	1,024	14
4000-4499	8,917	9	175	342	1,647	2,554	2,555	1,328	302	5
4500-4999	1,480	-	15	39	225	455	434	261	51	-
5000 & over	186	-	4	2	22	49	67	35	7	-
Not stated	22	-	2	-	4	10	3	1	1	1
Plurality										
Single	129,824	366	5,465	8,079	28,432	35,687	32,033	15,986	3,710	66
Twin	3,630	2	92	146	609	962	1,051	613	155	-
Triplet	183	-	3	3	16	30	88	36	7	-
Quadruplet	24	-	-	-	2	14	4	4	-	-
Quintuplet	1	-	-	-	-	-	1	-	-	-
Apgar Score at 5 Minutes										
6 or less	1,667	7	83	104	358	425	413	237	39	1
7	1,407	3	74	91	292	382	349	168	48	-
8	5,608	25	284	370	1,219	1,417	1,324	762	207	-
9	92,529	267	4,079	5,977	20,787	25,162	22,359	11,226	2,627	45
10	31,092	62	989	1,605	6,085	8,906	8,407	4,106	915	17
Not stated	1,359	4	51	81	318	401	325	140	36	3
Place of Birth										
Home	196	-	5	4	26	54	53	41	13	-
Hospital										
Voluntary, Private Service	57,294	32	612	1,063	7,362	16,492	18,862	10,374	2,480	17
Voluntary, General Service	45,454	210	3,001	4,420	12,995	12,084	8,361	3,592	767	24
Municipal	29,491	124	1,885	2,663	8,406	7,744	5,577	2,490	579	23
Maternity Center	388	1	21	38	101	86	100	34	6	1
Other	839	1	36	40	169	233	224	108	27	1
Attendant										
Physician	120,124	317	4,659	7,012	25,073	33,194	30,703	15,501	3,612	53
Nurse Midwife	12,629	48	850	1,131	3,739	3,248	2,295	1,064	241	13
Other	909	3	51	85	247	251	179	74	19	-
Financial Coverage										
Self	8,793	32	353	501	1,944	2,359	2,228	1,080	291	5
Medicaid	69,125	302	4,479	6,624	20,230	18,252	12,557	5,438	1,201	42
Third Party	42,607	17	394	592	4,622	11,983	14,659	8,316	2,009	15
HMO	10,486	15	233	357	1,681	3,361	3,067	1,488	281	3
Not stated	2,651	2	101	154	582	738	666	317	90	1
First Visit for Prenatal Care										
Early (1-6 months)	103,970	176	3,763	5,896	21,472	28,921	26,973	13,637	3,085	47
Late (7-9 months)	9,069	85	710	845	2,541	2,231	1,693	761	197	6
No Care	3,878	22	250	336	1,003	1,008	815	355	86	3
Not stated	16,745	85	837	1,151	4,043	4,533	3,696	1,886	504	10
Years of Education										
None	116	-	1	8	29	33	29	10	6	-
1-8	8,547	216	679	583	2,232	2,140	1,568	860	258	11
9-12	72,925	106	4,516	6,600	19,046	19,750	14,769	6,625	1,479	34
13 & over	46,120	-	9	583	6,359	13,228	15,491	8,473	1,963	14
Not stated	5,954	46	355	454	1,393	1,542	1,320	671	166	7
Wedlock										
In wedlock	65,957	3	302	1,135	10,227	20,317	21,080	10,503	2,358	32
Out of wedlock	67,705	365	5,258	7,093	18,832	16,376	12,097	6,136	1,514	34
Birthplace of Mother										
United States other than Puerto Rico	67,594	266	3,854	5,093	15,069	16,943	16,080	8,340	1,925	24
Puerto Rico	4,603	21	320	425	1,160	1,242	870	439	123	3
Foreign	60,846	76	1,352	2,641	12,688	18,353	16,091	7,803	1,809	33
Not stated	619	5	34	69	142	155	136	57	15	6
Spontaneous Terminations of Pregnancy, 28 weeks & Over										
Total	586	1	23	33	109	142	150	101	21	6
Sex										
Male	248	1	9	13	54	52	58	48	12	1
Female	232	-	8	18	40	65	58	36	5	2
Undetermined	106	-	6	2	15	25	34	17	4	3
Weight at Delivery in Grams										
Under 500	30	-	1	2	6	10	5	6	-	-
500-999	78	-	7	10	12	15	26	7	1	-
1000-1499	63	-	4	4	14	11	13	14	1	2
1500-1999	67	-	1	6	15	14	14	16	1	-
2000-2499	71	1	-	2	18	20	14	12	4	-
2500 & over	163	-	5	6	27	42	47	25	9	2
Not stated	114	-	5	3	17	30	31	21	5	2

Table 23.

**Selected Characteristics of Live Births and Spontaneous Terminations of Pregnancy  
28 Weeks Gestation and Over by Mother's Ethnic Group  
New York City, 1994**

	Total	Ethnic Group of Mother						Other	Not Stated
		Puerto Rican	Other Hispanic	Asian	Other White	Other Black			
Total live Births	133,662	15,182	28,298	11,268	38,203	39,195	94	1,422	
Sex									
Male	68,196	7,689	14,354	5,808	19,718	19,841	54	732	
Female	65,466	7,493	13,944	5,460	18,485	19,354	40	690	
Birth Order This Child (Live Births Only)									
First	57,447	6,037	11,815	5,476	17,950	15,482	36	651	
Second	39,295	4,283	8,449	3,931	11,297	10,900	24	411	
Third	20,417	2,611	5,014	1,326	4,840	6,393	20	213	
Fourth	8,571	1,233	1,890	349	1,831	3,175	8	85	
Fifth	3,820	539	706	116	820	1,603	3	33	
Sixth or Higher	4,112	479	424	70	1,465	1,642	3	29	
Weight at Delivery in Grams									
Under 500	186	5	28	6	35	104	-	8	
500-999	933	91	129	43	138	520	1	11	
1000-1499	1,261	174	192	60	249	568	-	18	
1500-1999	2,327	278	342	161	462	1,045	4	35	
2000-2499	7,256	1,031	1,163	535	1,549	2,880	7	91	
2500-2999	25,416	3,228	4,787	2,469	5,866	8,721	29	316	
3000-3499	51,635	5,837	11,367	4,690	14,584	14,579	34	544	
3500-3999	34,043	3,539	7,831	2,659	11,393	8,293	14	314	
4000-4499	8,917	856	2,062	572	3,290	2,062	2	73	
4500-4999	1,480	129	335	66	581	355	3	11	
5000 & over	186	14	57	6	52	57	-	-	
Not stated	22	-	5	1	4	11	-	1	
Plurality									
Single	129,824	14,807	27,740	11,066	36,733	37,992	92	1,394	
Twin	3,630	375	542	202	1,315	1,166	2	28	
Triplet	183	-	13	-	137	33	-	-	
Quadruplet	24	-	3	-	17	4	-	-	
Quintuplet	1	-	-	-	1	-	-	-	
Apgar Score at 5 Minutes									
6 or less	1,667	168	286	80	268	843	1	21	
7	1,407	161	282	70	273	609	1	11	
8	5,608	670	1,198	335	1,220	2,133	3	49	
9	92,529	11,185	20,661	7,385	24,580	27,810	61	847	
10	31,092	2,848	5,660	3,334	11,637	7,119	28	466	
Not stated	1,359	150	211	64	225	681	-	28	
Place of Birth									
Home	196	13	17	6	90	67	-	3	
Hospital									
Voluntary, Private Service	57,294	3,563	4,767	5,968	30,099	12,366	38	493	
Voluntary, General Service	45,454	6,929	13,397	3,435	5,434	15,838	43	378	
Municipal	29,491	4,463	9,923	1,792	2,196	10,581	13	523	
Maternity Center	388	112	47	19	103	102	-	5	
Other	839	102	147	48	281	241	-	20	
Attendant									
Physician	120,124	12,870	24,283	10,601	35,736	35,247	84	1,303	
Nurse Midwife	12,629	2,146	3,783	617	2,329	3,631	10	113	
Other	909	166	232	50	138	317	-	6	
Financial Coverage									
Self	8,793	624	1,548	885	3,175	2,467	7	87	
Medicaid	69,125	10,665	21,417	4,540	7,638	23,997	47	821	
Third Party	42,607	2,546	3,469	4,691	23,894	7,652	22	333	
HMO	10,486	1,049	1,350	941	2,830	4,182	15	119	
Not stated	2,651	298	514	211	666	897	3	62	
First Visit for Prenatal Care									
Early (1-6 months)	103,970	11,418	21,582	9,426	31,581	28,855	72	1,036	
Late (7-9 months)	9,069	1,184	2,637	738	1,434	2,992	9	75	
No Care	3,878	550	903	171	416	1,780	4	54	
Not stated	16,745	2,030	3,176	933	4,772	5,568	9	257	
Wedlock									
In wedlock	65,957	4,097	11,059	8,698	30,427	10,940	39	696	
Out of wedlock	67,705	11,085	17,239	2,570	7,775	28,255	55	726	
Years of Education									
None	116	4	60	13	17	21	-	1	
1-8	8,547	869	5,144	811	651	1,017	4	51	
9-12	72,925	10,453	16,290	5,272	15,589	24,560	46	715	
13 & over	46,120	3,338	5,665	4,831	20,461	11,630	40	155	
Not stated	5,954	518	1,139	341	1,485	1,967	4	500	
Birthplace of Mother									
United States other than Puerto Rico	67,594	10,522	3,889	346	28,833	23,535	48	421	
Puerto Rico	4,603	4,419	107	2	47	12	-	16	
Foreign	60,846	191	24,183	10,898	9,211	15,382	46	935	
Not stated	619	50	119	22	112	266	-	50	
Spontaneous Terminations of Pregnancy, 28 weeks & Over									
Total	586	53	119	39	136	222	5	12	
Sex									
Male	248	19	52	16	50	99	3	9	
Female	232	23	44	22	56	85	1	1	
Undetermined	106	11	23	1	30	38	1	2	
Weight at Delivery in Grams									
Under 500	30	2	3	1	6	16	-	2	
500-999	78	7	20	7	11	32	-	1	
1000-1499	63	8	12	7	8	25	-	3	
1500-1999	67	8	14	2	17	23	2	1	
2000-2499	71	4	18	3	15	29	2	-	
2500 & over	163	11	30	15	52	53	1	1	
Not stated	114	13	22	4	27	44	-	4	



Table 24.

**Live Births by Selected Characteristics and Infant Deaths  
by Health Center District of Residence, New York City, 1994**

Health Center District	Live Births	Rate*	Percent of Total Live Births with Specified Characteristics								Infant Mortality (Under 1 Year)		Neonatal Mortality (Under 28 Days)		
			Mother's Ancestry Hispanic		Foreign Born Mother	First Live Birth	Under 2,500 Grams	Late or No Prenatal Care		Out of Wedlock	On Medicaid	Number	Rate**	Number	Rate**
			Puerto Rican	Other Hispanic				Prenatal Care	Out of Wedlock						
NEW YORK CITY	133,662	18.3	11.4	21.2	45.4	43.0	9.0	9.7	50.7	51.7	1,207	9.0	804	6.0	
MANHATTAN	20,963	14.1	10.6	29.7	44.3	51.0	9.0	10.5	55.3	54.6	151	7.2	104	5.0	
Central Harlem	2,224	19.3	8.1	8.3	19.3	37.1	15.2	19.5	83.6	75.3	32	14.4	20	9.0	
East Harlem	2,345	18.4	31.0	20.1	28.4	43.5	11.5	11.3	70.8	64.4	27	11.5	16	6.8	
Kips Bay-Yorkville	2,367	10.0	1.4	4.9	32.7	64.4	6.8	3.0	22.0	6.8	3	1.3	3	1.3	
Lower East Side	2,775	11.6	18.1	13.8	47.6	49.9	8.8	8.1	46.1	55.9	17	6.1	10	3.6	
Lower West Side	2,855	9.7	5.8	10.2	37.0	61.7	6.7	6.5	36.2	23.9	18	6.3	13	4.6	
Riverside	2,561	12.3	9.2	20.7	32.7	55.3	8.2	9.6	53.6	39.8	19	7.4	14	5.5	
Washington Heights	5,836	21.9	6.6	72.9	71.9	47.3	8.1	13.3	66.4	83.0	35	6.0	28	4.8	
BRONX	24,351	20.2	24.2	27.6	40.2	36.1	10.2	12.8	69.8	68.8	217	8.9	136	5.6	
Fordham-Riverdale	4,747	19.4	22.9	34.3	47.0	40.4	8.7	9.6	64.0	65.3	28	5.9	19	4.0	
Morrisania	3,809	26.3	25.2	28.1	35.8	34.3	11.3	14.5	77.2	77.1	38	10.0	22	5.8	
Mott Haven	2,687	20.7	38.4	28.3	27.4	34.3	12.5	17.5	78.3	84.6	22	8.2	16	6.0	
Pelham Bay	3,239	14.9	12.5	12.5	48.6	33.9	9.9	11.1	62.8	53.9	25	7.7	15	4.6	
Tremont	5,434	28.5	24.7	34.6	44.0	35.0	10.7	14.4	76.6	77.5	61	11.2	33	6.1	
Westchester	4,435	16.1	24.0	22.1	33.4	37.1	9.0	11.0	61.4	56.2	43	9.7	31	7.0	
BROOKLYN	42,920	18.7	10.8	13.8	45.9	41.5	9.4	9.7	52.0	55.0	466	10.9	304	7.1	
Bay Ridge	3,652	15.3	6.5	12.3	50.3	46.5	6.6	6.0	24.6	37.6	21	5.8	15	4.1	
Bedford	4,561	19.6	3.8	4.7	41.2	40.2	12.5	13.6	72.5	62.6	66	14.5	43	9.4	
Brownsville	5,606	20.1	10.5	7.6	39.3	38.8	12.0	10.2	68.5	61.3	84	15.0	50	8.9	
Bushwick	4,468	24.5	28.7	29.1	40.7	37.4	10.3	12.3	70.2	75.9	58	13.0	33	7.4	
Flatbush	9,125	18.2	3.0	8.7	60.4	42.5	9.3	8.9	45.7	47.2	108	11.8	73	8.0	
Fort Greene	2,686	17.9	12.8	10.8	28.8	42.5	11.6	9.8	72.8	60.2	29	10.8	17	6.3	
Gravesend	3,847	13.5	7.3	10.4	50.4	45.1	7.4	11.2	36.4	44.8	25	6.5	20	5.2	
Red Hook-Cowanus	1,737	16.4	18.5	13.5	28.0	47.4	9.6	6.2	53.3	42.0	14	8.1	12	6.9	
Sunset Park	3,993	23.4	13.6	25.0	48.6	41.7	6.6	6.3	34.5	50.4	29	7.3	19	4.8	
Williamsburg-Greenpoint	3,245	20.8	18.7	24.7	40.6	36.0	6.9	10.2	40.3	66.6	32	9.9	22	6.8	
QUEENS	29,631	15.2	5.7	28.4	62.1	44.5	8.0	9.8	45.6	50.8	219	7.4	152	5.1	
Astoria-Long Island City	4,056	17.2	5.1	36.4	70.7	48.4	7.5	12.2	45.5	56.0	30	7.4	20	4.9	
Corona	5,977	20.5	2.8	57.6	81.8	43.7	6.0	16.4	51.9	61.7	38	6.4	23	3.8	
Flushing	4,820	10.6	3.4	20.3	62.8	46.2	6.8	6.7	28.9	33.9	28	5.8	19	3.9	
Jamaica East	5,305	15.7	2.6	10.1	51.9	42.0	10.7	6.6	58.6	54.9	60	11.3	49	9.2	
Jamaica West	6,004	16.6	9.8	22.7	52.1	42.5	9.3	8.7	49.5	54.8	44	7.3	29	4.8	
Maspeth-Forest Hills	3,469	12.9	12.3	18.0	50.1	46.3	7.0	7.1	31.3	36.3	19	5.5	12	3.5	
RICHMOND	6,025	15.9	5.9	6.6	18.4	44.0	6.8	4.6	26.9	26.0	27	4.5	18	3.0	
NON-RESIDENTS	9,639	-	3.6	5.9	24.2	44.3	8.0	2.7	16.2	6.4	123	-	86	-	
RESIDENCE UNKNOWN	133	-	15.8	32.3	45.9	43.6	15.8	19.5	76.7	70.7	4	-	4	-	

\*Rate per 1,000 population.

\*\*Rate per 1,000 live births.

Table 25.

**Live Births by Selected Characteristics and Mother's Ancestry  
New York City, 1994**

Ancestry of Mother	Live Births	Percent of Live Births with Specified Characteristics						Teenage Mother
		Foreign Born Mother	First Live Birth	Under 2,500 Grams	Late or No Prenatal Care	Out of Wedlock	On Medicaid	
Total	133,662	45.4	43.0	9.0	9.7	50.7	51.7	10.6
Puerto Rican	15,182	1.2	39.8	10.4	11.4	73.0	70.2	21.9
Dominican	12,257	91.1	42.1	6.6	12.2	61.9	82.4	11.2
Colombian	1,838	93.6	42.1	4.1	10.1	53.1	59.6	6.4
Ecuadorian	2,335	92.7	40.5	5.2	13.5	44.7	71.6	7.4
Mexican	4,606	97.6	41.8	6.1	15.7	73.0	86.2	17.4
Cuban	382	50.8	42.1	9.4	6.0	38.0	32.5	6.5
Other Hispanic	6,880	64.0	41.4	7.8	11.6	60.0	64.7	12.8
African-American	24,190	6.2	39.8	14.7	13.0	80.0	63.1	19.0
American	9,607	2.6	45.8	7.0	5.0	24.2	23.3	5.6
Guyanese	2,221	98.7	44.3	13.7	6.5	44.2	55.9	8.2
Haitian	2,372	95.9	39.8	9.3	9.1	44.7	55.5	4.6
Jamaican	2,989	97.2	39.0	9.1	7.5	66.8	55.4	8.8
Trinidadian	1,033	97.3	40.4	10.1	8.6	56.7	62.1	8.2
Other North, Central and South American	4,998	93.0	41.0	10.5	11.6	60.1	57.2	8.5
English	1,006	34.6	53.8	5.9	2.6	30.0	12.2	0.9
German	1,524	10.2	52.0	6.8	3.4	21.5	9.8	2.1
Irish	3,757	10.5	47.2	5.0	3.6	20.4	11.9	2.3
Italian	5,923	9.7	48.3	6.3	2.4	16.7	11.6	3.2
Polish	1,323	51.1	52.5	6.6	9.1	21.4	35.2	2.5
Russian	2,010	61.0	52.9	8.5	8.2	28.4	29.8	3.9
Other European	1,974	37.8	53.0	5.5	4.2	22.3	13.6	1.8
Chinese	4,487	94.9	51.7	5.1	5.7	20.2	41.5	1.0
Asian Indian	1,557	97.2	46.2	9.8	9.1	24.2	30.8	1.3
Korean	1,101	98.8	52.4	4.6	11.8	15.4	48.0	0.6
Filipino	1,195	96.8	45.7	8.3	6.8	19.5	13.6	1.5
Other Asian	4,147	93.7	40.8	7.1	9.1	23.0	47.6	3.8
Other & Not Stated	12,768	43.4	42.2	7.5	8.5	29.4	32.0	4.4

Table 26.

**Live Births to Teenagers by Selected Characteristics and Infant Deaths  
by Health Center District of Residence, New York City, 1994**

Health Center District	Live Births to Teenagers	Percent of Total Live Births	Percent of Teenage Live Births with Specified Characteristics								Infant Mortality (Under 1 Year)		Neonatal Mortality (Under 28 Days)	
			Mother's Ancestry		Foreign Born Mother	First Live Birth	Under 2,500 Grams	Late or No Prenatal Care	Out of Wedlock	On Medicaid	Number	Rate*	Number	Rate*
			Puerto Rican	Other Hispanic										
NEW YORK CITY	14,156	10.6	23.4	23.8	28.6	77.5	10.7	15.9	89.8	80.6	140	9.9	86	6.1
MANHATTAN	2,282	10.9	24.1	36.5	30.5	80.0	10.9	17.0	92.7	89.3	29	12.7	20	8.8
Central Harlem	423	19.0	9.9	8.3	12.8	75.7	12.5	16.1	96.7	84.9	7	16.5	5	11.8
East Harlem	381	16.2	48.3	20.5	20.2	78.2	14.4	14.7	95.8	89.0	6	15.7	2	5.2
Kips Bay-Yorkville	46	1.9	21.7	8.7	23.9	95.7	13.0	8.7	93.5	80.4	-	-	-	-
Lower East Side	275	9.9	41.5	24.7	17.5	80.4	13.1	13.8	89.8	90.9	4	14.5	2	7.3
Lower West Side	147	5.1	24.5	26.5	25.2	81.0	6.8	24.5	91.2	84.4	2	13.6	2	13.6
Riverside	218	8.5	25.7	34.4	26.1	78.9	11.5	20.2	95.0	89.0	3	13.8	3	13.8
Washington Heights	792	13.6	13.5	67.4	52.1	82.3	8.1	18.1	89.8	92.8	7	8.8	6	7.6
BRONX	3,693	15.2	35.2	23.0	22.6	70.5	11.2	16.5	92.4	83.6	28	7.6	16	4.3
Fordham-Riverdale	634	13.4	34.5	31.5	26.7	72.6	9.8	12.1	90.9	83.4	1	1.6	1	1.6
Morrisania	694	18.2	36.5	17.1	16.4	72.3	13.0	18.9	93.8	84.7	8	11.5	3	4.3
Mott Haven	550	20.5	47.1	23.3	17.6	72.7	13.1	18.4	91.8	88.0	4	7.3	3	5.5
Pelham Bay	372	11.5	18.8	12.6	28.5	59.1	12.4	17.7	95.7	80.1	2	5.4	2	5.4
Tremont	921	16.9	34.5	25.7	27.7	72.6	10.9	17.5	92.2	84.8	8	8.7	3	3.3
Westchester	522	11.8	34.5	23.0	17.8	67.6	8.2	14.2	91.4	78.4	5	9.6	4	7.7
BROOKLYN	5,104	11.9	21.5	14.8	26.9	79.8	10.7	15.0	88.8	77.8	60	11.8	32	6.3
Bay Ridge	196	5.4	16.8	31.1	42.9	83.2	8.2	9.7	71.9	72.4	2	10.2	1	5.1
Bedford	734	16.1	6.5	3.7	21.7	80.4	10.4	19.2	97.0	77.4	9	12.3	6	8.2
Brownsville	888	15.8	15.7	6.9	17.9	80.9	12.8	15.0	95.0	80.0	12	13.5	4	4.5
Bushwick	804	18.0	42.7	18.0	19.8	74.3	11.2	15.4	92.7	83.6	13	16.2	7	8.7
Flatbush	779	8.5	8.1	10.9	46.6	84.5	10.0	16.4	86.4	69.8	6	7.7	3	3.9
Fort Greene	419	15.6	17.2	11.2	16.5	78.0	11.9	12.4	95.5	80.7	9	21.5	6	14.3
Gravesend	344	8.9	18.0	15.1	30.2	79.7	10.2	20.6	78.5	73.5	3	8.7	3	8.7
Red Hook-Gowanus	186	10.7	36.0	15.6	17.2	77.4	13.4	9.7	91.9	71.0	-	-	-	-
Sunset Park	405	10.1	31.1	40.0	40.0	80.5	8.6	9.4	74.1	76.8	3	7.4	1	2.5
Williamsburg-Greenpoint	349	10.8	41.0	25.2	23.8	79.4	8.3	12.6	78.5	85.7	3	8.6	1	2.9
QUEENS	2,527	8.5	11.0	33.9	41.6	79.7	9.1	16.1	86.4	77.3	17	6.7	14	5.5
Astoria-Long Island City	328	8.1	10.7	48.8	51.8	82.3	7.6	18.6	83.2	78.7	2	6.1	2	6.1
Corona	546	9.1	5.7	68.3	61.9	78.9	7.1	24.4	83.2	75.3	4	7.3	3	5.5
Flushing	183	3.8	9.8	40.4	44.3	77.6	7.7	14.8	77.0	60.1	1	5.5	1	5.5
Jamaica East	621	11.7	3.7	10.1	28.3	82.6	11.4	8.4	94.2	77.9	5	8.1	4	6.4
Jamaica West	656	10.9	18.9	21.2	30.8	78.5	10.2	16.3	89.0	82.9	3	4.6	2	3.0
Maspeth-Forest Hills	193	5.6	24.9	24.9	44.0	73.6	7.8	14.0	76.2	75.6	2	10.4	2	10.4
RICHMOND	375	6.2	16.0	13.3	13.1	85.1	12.0	13.1	89.1	66.7	6	16.0	4	10.7
NON-RESIDENTS	146	1.5	18.5	12.3	18.5	81.5	14.4	14.4	76.0	56.2	-	-	-	-
RESIDENCE UNKNOWN	29	21.8	27.6	27.6	31.0	58.6	6.9	13.8	93.1	82.8	-	-	-	-

\*Rate per 1,000 live births to teenagers.

Table 27.

**Live Births to Teenagers by Selected Characteristics, New York City, 1981-1994**

	YEAR													
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Total Live Births	108,547	111,487	112,353	113,332	118,542	122,108	127,386	132,226	137,673	139,630	138,148	136,002	133,583	133,662
Percent to Teenagers	12.9	12.8	12.4	11.8	11.2	10.8	10.3	10.4	10.3	10.1	10.1	10.1	10.4	10.6
Births to Teenagers	14,014	14,276	13,892	13,339	13,304	13,168	13,166	13,714	14,121	14,131	13,999	13,795	13,848	14,156
Percent of Births with Specified Characteristic:														
Puerto Rican	30.9	30.0	30.1	29.4	28.6	29.4	29.1	28.6	27.4	27.5	27.0	25.9	25.6	23.4
Other Hispanic	7.6	8.9	9.1	9.5	10.3	10.8	12.9	12.6	15.3	17.2	19.1	20.8	21.6	23.8
Foreign Born Mother	16.1	16.6	16.4	16.5	16.8	17.8	18.6	19.6	21.2	24.6	26.0	26.9	27.9	28.6
First Live Birth	80.0	79.8	80.2	80.2	80.1	79.8	80.3	79.5	79.8	78.7	77.4	78.2	77.9	77.5
Under 2,500 Grams	11.6	11.3	11.3	11.3	11.2	11.7	11.4	11.7	11.4	10.9	11.5	10.4	11.1	10.7
Prenatal Care in First 6 Months of Pregnancy	61.7	59.6	60.3	59.7	59.7	56.2	58.0	65.8	61.8	60.2	64.0	65.6	66.1	69.5
Out of Wedlock	78.0	79.0	80.0	81.4	81.7	82.7	82.1	80.2	82.0	82.4	83.1	84.2	88.1	89.8
On Medicaid	60.5	59.8	62.6	65.7	66.9	64.2	64.3	62.8	66.8	74.2	78.0	79.2	79.4	80.6

Note: The figures for prenatal care in first 6 months of pregnancy are corrected from those previously published.

Table 28.

**Number of Maternal Risk Factors by Health Center District of Residence  
New York City, 1994**

Health Center District	Total Live Births	Percent of Total Live Births in Specified Number of Maternal Risk Factors*			
		None %	One %	Two %	Three %
NEW YORK CITY	133,662	40.2	39.1	17.8	2.9
MANHATTAN	20,963	37.5	40.7	18.7	3.1
Central Harlem	2,224	12.3	45.6	36.3	5.8
East Harlem	2,345	22.7	45.1	27.4	4.8
Kips Bay-Yorkville	2,367	69.2	26.4	3.9	0.5
Lower East Side	2,775	47.3	34.7	15.2	2.8
Lower West Side	2,855	55.3	33.1	9.9	1.8
Riverside	2,561	39.4	41.0	16.6	3.0
Washington Heights	5,836	25.8	49.3	21.4	3.4
BRONX	24,351	22.4	44.9	27.5	5.2
Fordham-Riverdale	4,747	27.4	45.1	23.3	4.1
Morrisania	3,809	16.3	45.7	31.2	6.8
Mott Haven	2,687	15.4	47.5	31.7	5.4
Pelham Bay	3,239	28.7	43.1	23.6	4.6
Tremont	5,434	15.7	45.5	32.2	6.5
Westchester	4,435	29.9	43.2	23.4	3.5
BROOKLYN	42,920	36.1	42.3	18.5	3.0
Bay Ridge	3,652	59.7	31.8	7.6	0.8
Bedford	4,561	21.4	46.5	27.1	5.0
Brownsville	5,606	24.3	46.8	24.6	4.2
Bushwick	4,468	23.3	45.1	27.1	4.5
Flatbush	9,125	39.1	43.9	14.7	2.2
Fort Greene	2,686	22.2	47.5	26.2	4.1
Gravesend	3,847	45.9	36.9	14.7	2.5
Red Hook-Gowanus	1,737	40.3	41.1	16.4	2.2
Sunset Park	3,993	45.5	41.0	12.1	1.4
Williamsburg-Greenpoint	3,245	46.1	36.5	14.7	2.7
QUEENS	29,631	45.7	37.7	14.5	2.0
Astoria-Long Island City	4,056	44.1	38.7	14.7	2.4
Corona	5,977	36.9	41.5	18.8	2.8
Flushing	4,820	62.1	29.7	7.5	0.8
Jamaica East	5,305	35.7	44.7	17.6	2.1
Jamaica West	6,004	43.0	38.4	16.1	2.5
Maspeth-Forest Hills	3,469	60.3	29.3	9.2	1.2
RICHMOND	6,025	67.5	22.6	8.5	1.3
NON-RESIDENTS	9,639	75.8	20.6	3.2	0.4
RESIDENCE UNKNOWN	133	16.5	37.6	37.6	8.3

\*Maternal risk factors: no prenatal care in first six months of pregnancy, out-of-wedlock birth, teenaged mother.

Table 29.

**Live Births, Infant Deaths and Infant Mortality Rates  
by Birth Weight and Number of Maternal Risk Factors  
New York City, 1994**

NUMBER OF MATERNAL RISK FACTORS	TOTAL <sup>(1)</sup>			LESS THAN 2,500 GRAMS			2,500 GRAMS AND OVER		
	Infant Deaths			Infant Deaths			Infant Deaths		
	Births	Number	Rate <sup>(3)</sup>	Births	Number	Rate <sup>(3)</sup>	Births	Number	Rate <sup>(3)</sup>
None	53,752	264	4.9	3,537	174	49.2	50,213	89	1.8
One	52,210	470	9.0	4,786	313	65.4	47,414	151	3.2
Two	23,757	331	13.9	3,129	248	79.3	20,620	83	4.0
Three	3,943	53	13.4	511	40	78.3	3,430	11	3.2
Unmatched <sup>(2)</sup>	-	89	-	-	-	-	-	-	-
Total	133,662	1,207	9.0	11,963	775	64.8	121,677	334	2.7

(1) Includes those with unknown birth weight.

(2) Birth occurred outside of New York City or positive identification of matching birth certificate could not be made.

(3) Rate per 1,000 live births.

Table 30a.

## Live Births and Infant Deaths by Birth Weight, Race and Age, New York City, 1994

Birth Weight in Grams	Live Births					Total					Infant Deaths					Age Under 7 Days				
	Total	White	Black	Other	Not Stated	Total	White	Black	Other	Not Stated	Age Under 28 Days					Age Under 7 Days				
											Total	White	Black	Other	Not Stated	Total	White	Black	Other	Not Stated
Less than 500.....	186	66	105	15	15	181	64	105	8	4	174	63	99	8	4	171	61	98	8	4
500-999.....	933	334	539	60	60	352	138	205	9	9	284	116	160	8	8	252	107	138	7	7
1000-1499.....	1,261	595	584	82	82	84	30	50	4	4	57	24	30	3	3	39	18	20	1	1
1500-1999.....	2,327	1,019	1,095	213	213	74	31	39	4	4	47	21	22	4	4	36	18	14	4	4
2000-2499.....	7,256	3,578	3,028	650	650	84	45	34	5	5	43	24	15	4	4	31	19	9	3	3
Less than 2500.....	11,963	5,592	5,351	1,020	1,020	775	308	433	30	4	605	248	326	27	4	529	223	279	23	4
2500-2999.....	25,416	13,226	9,261	2,929	2,929	131	67	51	13	13	55	33	16	6	6	37	21	12	4	4
3000-3499.....	51,635	30,486	15,654	5,495	5,495	122	54	56	11	11	50	25	21	4	4	35	20	14	1	1
3500-3999.....	34,043	21,914	8,992	3,137	3,137	58	29	27	2	2	23	14	7	2	2	16	11	4	1	1
4000-4499.....	8,917	5,984	2,242	691	691	18	12	4	2	2	10	5	3	2	2	9	5	2	2	2
4500-4999.....	1,480	1,013	381	86	86	3	2	1	1	1	3	2	1	1	1	2	1	1	1	1
5000 & over.....	186	118	61	7	7	2	1	1	1	1	2	1	1	1	1	2	1	1	1	1
2500 & over.....	121,677	72,741	36,591	12,345	12,345	334	165	140	28	11	143	80	49	14	14	101	59	34	8	8
Not stated.....	22	9	11	2	2	9	4	5	1	1	9	4	5	1	1	9	4	5	1	1
Unmatched*.....	-	-	-	-	-	89	58	22	3	6	47	29	13	2	3	21	9	8	1	3
Total.....	133,662	78,342	41,953	13,367	13,367	1,207	535	600	61	11	804	361	393	43	7	660	295	326	32	7

\*Birth occurred outside of New York City or positive identification of matching birth certificate could not be made.

Table 30b.

## Infant Mortality Rates by Birth Weight, Race and Age, New York City, 1994

Birth Weight in Grams	Total				Age Under 28 Days				Age Under 7 Days			
	Total	White	Black	Other	Total	White	Black	Other	Total	White	Black	Other
Less than 500.....	973.1 *	**	1,000.0	**	935.5	**	942.9	**	919.4	**	933.3	**
500-999.....	377.3	413.2	380.3	**	304.4	347.3	296.8	**	270.1	320.4	256.0	**
1000-1499.....	66.6	50.4	85.6	**	45.2	40.3	51.4	**	30.9	30.3	34.2	**
1500-1999.....	31.8	30.4	35.6	18.8	20.2	20.6	20.1	18.8	15.5	17.7	12.8	18.8
2000-2499.....	11.6	12.6	11.2	7.7	5.9	6.7	5.0	6.2	4.3	5.3	3.0	4.6
Less than 2500.....	64.8	55.1	80.9	33.3	50.6	44.3	60.9	30.4	44.2	39.9	52.1	26.5
2500-2999.....	5.2	5.1	5.5	4.4	2.2	2.5	1.7	2.0	1.5	1.6	1.3	1.4
3000-3499.....	2.4	1.8	3.6	2.2	1.0	0.8	1.3	0.7	0.7	0.7	0.9	0.2
3500-3999.....	1.7	1.3	3.0	0.6	0.7	0.6	0.8	0.6	0.5	0.5	0.4	0.3
4000-4499.....	2.0	2.0	1.8	-	1.1	0.8	1.3	2.9	1.0	0.8	0.9	2.9
4500-4999.....	2.0	2.0	2.6	**	2.0	2.0	2.6	**	1.4	1.0	2.6	**
5000 & over.....	10.8	8.5	**	**	10.8	8.5	**	**	10.8	8.5	**	**
2500 & over.....	2.7	2.3	3.8	2.3	1.2	1.1	1.3	1.1	0.8	0.8	0.9	0.6
Total.....	9.0	6.8	14.3	5.4	6.0	4.6	9.4	3.7	4.9	3.8	7.8	2.9

\* Rate per 1,000 live births. Births and deaths included here were reported in 1994 and do not represent a true birth cohort.

\*\*Rate not computed where base is less than 100.

Table 31.

## Infant Deaths by Sex, Age and Race, and by Cause, New York City, 1994

	Total	MALE			FEMALE				
		Total	Under 7 Days	7 to 27 Days	28 Days & Over	Total	Under 7 Days	7 to 27 Days	28 Days & Over
Total.....	1,207	357	88	207	303	56	196		
Race of Infant									
White.....	535	168	40	85	127	26	89		
Black.....	600	170	41	115	156	26	92		
Other and not stated.....	72	19	7	7	20	4	15		
Cause of Death (ICD-9 Codes)									
Certain Gastrointestinal Diseases (008-009, 535, 555-558).....	7	-	2	4	-	1	-		
Acquired Immunodeficiency Syndrome (042).....	28	1	-	9	-	-	18		
Pneumonia and Influenza (480-487).....	22	4	2	11	-	-	5		
Congenital Anomalies (740-759).....	252	53	32	37	57	18	55		
Short Gestation and Low Birth Weight (765).....	132	66	4	4	57	1	-		
Birth Trauma (767).....	5	2	-	-	3	-	-		
Intrauterine Hypoxia and Birth Asphyxia (768).....	21	8	2	1	8	1	1		
Respiratory Distress Syndrome (769).....	98	44	5	4	36	3	6		
Respiratory Conditions of Newborn (770).....	91	41	6	13	25	1	5		
Neonatal Hemorrhage (772).....	18	9	5	-	3	1	-		
Other Conditions Originating in the Perinatal Period (Rest of 760-779).....	288	117	14	26	97	21	13		
Sudden Infant Death Syndrome (798.0).....	99	2	6	51	-	4	36		
Injuries (E800-E999).....	37	5	1	14	2	-	15		
All other causes.....	109	5	9	33	15	5	42		

Table 32.

**Live Births, Infant and Maternal Mortality by Mother's Ethnic Group  
New York City, 1981-1994**

Mother's Ethnic Group (1)	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
<b>Live Births, Total</b> .....	108,547	111,487	112,353	113,332	118,542	122,108	127,386	132,226	137,673	139,630	138,148	136,002	133,583	133,662
Puerto Rican .....	18,104	18,289	18,014	17,887	17,961	18,138	18,625	18,822	19,248	19,327	18,851	17,856	16,568	15,182
Other Hispanic .....	12,392	13,704	14,463	15,228	15,758	16,689	19,372	20,145	23,013	24,912	25,564	25,556	26,571	28,298
Asian .....	8,429	8,749	8,947	9,127	9,553	9,894	10,926	11,597	12,051	12,394	12,602	12,688	10,742	11,268
Other White .....	35,516	35,653	35,788	35,405	36,825	37,465	37,558	38,992	39,362	38,906	37,464	37,102	38,403	38,203
Other Black .....	33,429	34,644	34,749	35,212	37,616	39,064	40,020	41,356	43,069	42,844	41,486	40,662	39,768	39,195
Other & Unknown .....	677	448	392	473	829	858	885	1,314	930	1,247	2,181	2,138	1,531	1,516
<b>Infant Deaths (Under 1 Year) Total</b> .....	1,678	1,706	1,603	1,540	1,591	1,566	1,673	1,770	1,827	1,620	1,575	1,390	1,366	1,207
Puerto Rican .....	265	296	244	263	226	240	240	241	257	238	211	194	178	120
Other Hispanic .....	133	154	141	133	139	156	182	186	219	195	187	170	196	174
Asian .....	80	74	75	76	76	63	65	79	93	67	76	73	60	54
Other White .....	439	409	388	363	368	323	350	353	321	300	278	194	200	176
Other Black .....	747	762	742	680	758	751	802	891	911	797	777	653	613	576
Other & Unknown .....	14	11	13	25	24	33	34	20	26	23	46	106	119	107
<b>Infant Mortality Rate (2) Total</b> .....	15.5	15.3	14.3	13.6	13.4	12.8	13.1	13.4	13.3	11.6	11.4	10.2	10.2	9.0
Puerto Rican .....	14.6	16.2	13.5	14.7	12.6	13.2	12.9	12.8	13.4	12.3	11.2	10.9	10.7	7.9
Other Hispanic .....	10.7	11.2	9.7	8.7	8.8	9.3	9.4	9.2	9.5	7.8	7.3	6.7	7.4	6.1
Asian .....	9.5	8.5	8.4	8.3	8.0	6.4	5.9	6.8	7.7	5.4	6.0	5.8	5.6	4.8
Other White .....	12.4	11.5	10.8	10.3	10.0	8.6	9.3	9.1	8.2	7.9	7.4	5.2	5.2	4.6
Other Black .....	22.3	22.0	21.4	19.3	20.2	19.2	20.0	21.5	21.2	18.6	18.7	16.1	15.4	14.7
<b>Neonatal Deaths (Under 28 Days) Total</b> .....	1,144	1,173	1,070	1,014	1,082	1,078	1,139	1,232	1,253	1,091	1,089	941	917	804
Puerto Rican .....	169	198	166	165	141	157	157	159	172	155	138	138	108	67
Other Hispanic .....	88	110	102	97	100	117	134	133	153	136	136	120	136	122
Asian .....	58	52	47	53	45	47	42	59	60	44	45	50	38	40
Other White .....	318	301	274	267	268	254	251	264	238	222	201	139	152	133
Other Black .....	503	506	471	414	513	481	535	602	610	518	533	428	409	376
<b>Neonatal Mortality Rate (2) Total</b> .....	10.5	10.5	9.5	8.9	9.1	8.8	8.9	9.3	9.1	7.8	7.9	6.9	6.9	6.0
Puerto Rican .....	9.3	10.8	9.2	9.2	7.9	8.7	8.4	8.4	8.9	8.0	7.3	7.7	6.5	4.4
Other Hispanic .....	7.1	8.0	7.1	6.4	6.3	7.0	6.9	6.6	6.6	5.5	5.3	4.7	5.1	4.3
Asian .....	6.9	5.9	5.3	5.8	4.7	4.8	3.8	5.1	5.0	3.6	3.6	3.9	3.5	3.5
Other White .....	9.0	8.4	7.7	7.5	7.3	6.8	6.7	6.8	6.0	5.7	5.4	3.7	3.9	3.5
Other Black .....	15.0	14.6	13.6	11.8	13.6	12.3	13.4	14.6	14.2	12.1	12.8	10.6	10.3	9.6
<b>Maternal Deaths, Total</b> .....	33	37	44	21	30	29	28	26	29	35	24	30	20	29
Puerto Rican .....	3	5	3	1	1	4	2	2	4	1	4	2	2	4
Other Hispanic .....	4	6	8	3	6	0	4	6	2	4	2	3	2	5
Asian .....	1	1	1	0	1	2	6	-	-	1	-	1	-	2
Other White .....	6	8	7	4	3	6	3	2	2	2	2	6	-	6
Other Black .....	19	16	24	13	15	14	8	15	20	25	15	16	14	12
<b>Maternal Mortality Rate (3) Total</b> .....	3.0	3.3	3.9	1.9	2.5	2.4	2.2	2.0	2.1	2.5	1.7	2.2	1.5	2.2
Puerto Rican .....	1.7	2.7	1.7	0.6	0.6	2.2	1.1	1.1	2.1	0.5	2.1	1.1	1.2	2.6
Other Hispanic .....	3.2	4.4	5.5	2.0	3.8	-	2.1	3.0	0.9	1.6	0.8	1.2	0.8	1.8
Asian .....	1.2	1.1	1.1	-	1.0	2.0	5.5	0.9	0.8	0.8	-	0.8	-	1.8
Other White .....	1.7	2.2	2.0	1.1	0.8	1.6	0.8	0.5	0.5	0.5	0.5	1.6	-	1.6
Other Black .....	5.7	4.6	6.9	3.7	4.0	3.6	2.0	3.6	4.6	5.8	3.6	3.9	3.5	3.1

(1) Puerto Rican, Other Hispanic and Asian are based on ancestry regardless of race. Those of other ancestry are classified based on race into Other White, Other Black, and Other & Unknown.

In the absence of a matching birth certificate for an infant death, the death certificate is used to determine maternal ethnic group.

(2) Rate per 1,000 live births.

(3) Rate per 10,000 live births.

Table 33.

## Cases of Reportable Diseases, New York City, 1940-1994

Year	Pulmonary Tuberculosis	Measles	Scarlet Fever	Chicken Pox	Whooping Cough	Meningococcal Meningitis	Poliomyelitis	Syphilis		Gonorrhea	Encephalitis	Hepatitis	Rubella
								Total	Primary & Secondary				
1940	8,212	10,496	13,569	13,046	5,775	48	67	30,178	3,113	14,639	28		988
1941	8,459	70,646	7,206	9,773	7,811	118	404	27,194	2,957	12,297	49		18,614
1942	9,145	2,261	7,009	10,978	9,240	411	88	30,036	3,406	12,022	52		1,355
1943	8,283	23,627	9,484	9,290	3,678	1,406	361	25,878	4,252	12,957	37		14,269
1944	7,229	26,048	8,509	8,441	2,810	1,104	1,890	23,069	4,841	14,489	37		1,340
1945	6,232	1,870	8,347	7,905	4,992	487	547	22,690	5,164	18,009	34		1,221
1946	6,386	22,408	8,009	6,586	2,135	246	716	26,765	6,063	24,350	38	274	3,372
1947	6,832	7,915	3,583	11,921	3,224	113	224	26,303	5,009	22,746	30	110	1,121
1948	7,359	28,960	2,420	10,214	1,591	120	703	25,366	3,846	23,422	33	93	2,673
1949	7,344	5,467	2,230	12,866	4,129	104	2,246	20,489	2,218	20,309	47	107	3,447
1950	6,518	21,990	1,652	7,973	1,791	142	1,064	21,795	1,304	16,784	127	114	1,597
1951	6,331	9,644	2,144	11,849	1,606	110	555	22,458	801	14,114	200	202	4,122
1952	6,021	34,614	3,548	8,912	1,379	144	821	25,078	784	12,105	280	285	3,267
1953	6,110	5,117	1,595	12,942	2,733	183	677	25,224	658	12,505	311	515	2,315
1954	5,439	41,037	2,143	8,775	1,777	129	844	19,412	617	12,379	270	809	1,186
1955	5,064	9,712	1,834	10,486	1,136	108	806	18,056	566	11,239	220	1,154	8,888
1956	5,089	21,616	2,357	11,433	1,113	75	149	17,052	605	10,482	309	824	3,100
1957	5,162	10,226	1,657	7,287	1,326	75	57	15,485	635	11,479	204	597	1,998
1958	4,513	28,272	1,944	8,403	655	36	100	13,082	911	13,341	165	637	5,911
1959	4,196	5,215	2,043	7,731	1,322	92	170	13,131	1,454	14,370	212	841	4,694
1960	3,923	25,523	2,622	8,042	416	89	92	16,872	2,606	16,677	97	1,106	3,760
1961	3,635	4,796	2,820	6,190	249	69	2	20,017	3,374	18,285	216	1,839	1,543
1962	3,702	29,631	1,259	7,913	307	59	7	20,058	3,329	18,901	175	1,359	1,560
1963	4,057	7,406	1,287	6,683	212	50	1	19,312	3,481	22,912	147	1,325	3,294
1964	3,381	15,435	1,052	6,183	304	42	2	18,875	3,215	25,896	158	1,287	21,292
1965	3,389	4,127	792	7,423	194	68	0	16,999	2,897	29,032	162	1,248	1,031
1966	2,952	8,381	799	4,172	206	56	0	13,724	2,364	29,679	146	1,552	1,036
1967	2,893	529	731	5,897	179	65	1	13,918	1,987	27,373	61	2,558	1,030
1968	2,658	2,445	732	4,267	122	90	1	13,204	2,172	32,637	61	3,542	3,074
1969	2,397	5,033	891	3,640	149	88	0	11,439	2,630	36,729	57	3,982	1,185
1970	2,073	1,154	513	4,978	163	90	0	10,362	3,780	36,783	35	4,492	685
1971	2,048	3,819	614	3,815	55	60	0	11,642	3,854	38,472	19	4,160	626
1972	1,874	447	445	5,603	79	44	1	10,390	4,106	48,414	11	2,907	271
1973	1,740	965	708	4,496	77	37	0	7,334	3,256	45,467	26	1,478	502
1974	1,582	651	402	3,877	75	26	0	7,593	3,184	42,071	17	1,078	173
1975	2,187	170	463	3,982	40	32	0	7,236	2,864	39,981	14	1,366	193
1976	1,775	497	609	3,289	43	51	1	6,832	2,494	40,589	20	1,897	163
1977	1,189	804	583	3,936	47	64	0	4,749	1,881	39,302	20	1,604	336
1978	1,034	405	271	2,773	54	88	0	5,567	2,060	40,208	30	1,260	152
1979	1,240	859	312	3,052	44	91	1	6,680	2,552	40,034	17	1,080	290
1980	1,186	1,210	319	4,789	30	110	0	5,906	2,387	43,699	15	1,079	105
1981	1,340	108	464	3,863	25	91	0	6,878	2,568	45,859	20	1,722	55
1982	1,246	49	583	3,382	53	104	2	7,296	2,602	46,960	21	1,980	36
1983	1,306	72	454	4,383	61	89	1	6,822	2,473	46,117	14	1,992	87
1984	1,322	113	427	5,811	20	75	0	6,796	2,285	48,032	9	2,268	111
1985	1,482	181	409	2,366	26	70	1	6,947	2,157	58,532	18	N.A.	184
1986	1,766	944	-	1,583	10	81	0	6,465	2,111	69,998	21	884	2
1987	1,815	449	206	5,091	13	57	0	10,472*	4,452	84,022	8	1,514	1
1988	1,814	56	81	3,406	12	66	0	11,966	5,042	52,404	6	1,945	5
1989	2,118	135	108	4,307	19	50	0	13,748	4,362	40,533	9	2,170	16
1990	2,937	1,108	175	4,732	21	79	0	16,195	4,265	35,236	12	1,539	4
1991	3,111	1,909	325	4,967	22	30	0	14,895	3,133	28,945	5	1,725	2
1992	3,283	68	258	6,578	24	28	0	13,439	2,246	21,709	9	1,322	0
1993	2,753	19	267	5,359	116	40	0	10,476	1,129	18,477	5	1,574	22
1994	2,483	15	335	5,977	223	40	0	7,640	626	19,246	11	1,486	1

Note: For discussion of specific diseases and factors which affect reporting, see City Health Information, Vol. 14 No. 4, September- December 1995, pp. 16-21.

Table 34.

## Incidence of AIDS\* By Sex, Major Risk Group, and Year of Diagnosis, New York City, 1980-1994

Sex/Risk Group	1980-1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Male											
Intravenous Drug User	793	726	1,111	1,468	2,123	2,235	2,671	3,132	3,807	4,218	3,674
Sex with Men**	2,052	1,514	2,164	2,398	2,593	2,609	2,581	2,724	2,987	3,111	2,945
Heterosexual	4		4	4	14	13	18	31	70	147	249
Transfusion	9	16	18	26	25	13	1	8	1	4	
Other	365	220	298	391	494	580	597	815	917	1,042	990
Total	3,223	2,476	3,595	4,287	5,249	5,450	5,868	6,710	7,782	8,522	8,025
Female											
Intravenous Drug User	229	176	301	459	646	739	936	1,212	1,443	1,589	1,400
Male Sex Partner	53	70	109	213	252	311	396	491	624	918	906
Transfusion	10	6	16	22	15	9	6	5	7	3	
Other	49	30	38	53	80	114	137	201	249	272	372
Total	341	282	464	747	993	1,173	1,475	1,909	2,323	2,782	2,678

\*Excludes those under 13 years of age. Figures previously published have been revised to include additional reports.

\*\*Excludes intravenous drug users.

## TECHNICAL NOTES

**VITAL EVENTS** - Vital Event data are based on occurrences in New York City to both residents and non-residents. Counts of births, deaths and induced and spontaneous terminations of pregnancy are based on certificates filed with the Bureau of Vital Records, New York City Department of Health. The number of marriages shown in Table 1 is the number of marriage licenses issued by the City Clerk. Tables 14, 15 and 16 use other data sources; see Life Expectancy below. ●For public health purposes, the medical and demographic information on the certificates is coded in general agreement with standards developed by the National Center for Health Statistics (NCHS). In some instances, such as Ancestry of decedent or mother, New York City data are more detailed. ●Legitimacy status does not appear on the certificate, but is inferred from other items.

**POPULATION** - Population data are census figures provided by the New York City Department of City Planning and the New York State Department of Health. In Table 1, the population figures for census years (1960, 1970, 1980 and 1990) are census counts; for intercensal years straight-line interpolations are used. Rates in this table are based on the population shown, which may be out-dated. ●The corrected data in Table 2a are based on the Bureau of the Census's MARS File (modified for Age, Race and Sex). The primary change is the allocation to a race category of over 900,000 New York City residents of Hispanic ancestry who did not report a race in the Census; the number of New York City residents in the race category Other and Unknown declined from 1,392,964 to 556,918, while the number of whites increased by almost 650,000 and the number of blacks by almost 190,000. There were also some minor corrections in the age and sex distributions.

**LIFE EXPECTANCY, AND SPECIFIC AND ADJUSTED DEATH RATES** - Life expectancy tables summarize the effect of mortality rates prevailing at a specific time on persons being born or living at that time. Tables may be computed for population subgroups, most often males and females and race groups. The components required are counts and mortality figures for the desired subgroups. Life Expectancy tables are presented for census years, which are when the population data are available. The mortality experience for the census year and for the year before and the year after is used to smooth statistical variation. ●The same two sets of data, population and mortality, are used to prepare average yearly age-sex-specific death rates for the three years (Table 15). Finally, the mortality data are separated into cause groups, and used to calculate average yearly age-sex-race adjusted death rates (Table 16). Adjustment allows comparisons between rates to be made over time or between geographic areas by eliminating the effects of differences in the composition of the populations. ●A change in the data used for the 1980 and 1990 calculations is noted in Tables 15 and 16 by a line separating these rates from those for earlier years. The calculations for 1980 and 1990 used information on all deaths occurring to New York City residents regardless of place of occurrence

(obtained from the New York State Department of Health), whereas previous computations used all deaths occurring in New York City, regardless of residence of the decedent. The new data were also used to recompute 1980 Life Expectancy tables to facilitate comparisons with 1990 figures. ●Life expectancy tables for Hispanics cannot be calculated because of under reporting of Hispanic ancestry on death certificates; technical changes in the death certificate are planned to correct this problem.

**RACE, ANCESTRY AND ETHNICITY** - Race and Ancestry are separate items on the certificates. Responses are coded in general conformance to rules of NCHS. ●In certain instances, the item Birthplace is used to remove ambiguity in the Race item. ●Persons whose race is black and whose ancestry is American are classified as being of African-American ancestry. ●Ethnicity (sometimes called Ethnic Group) is determined by applying ordered selection rules to the certificate. First, persons of Puerto Rican, other Hispanic or Asian ancestry are assigned to those respective ethnicities, regardless of race. Then, those of other ancestries are classified by race as Other White, Other Black, Other or Unknown.

**CAUSE OF DEATH** - Cause of death information presented is the underlying cause of death on each certificate, selected using rules issued by NCHS and codes of the International Classification of Diseases, Ninth Revision, implemented in 1979. Earlier revisions and the year their codes were implemented are the Fifth, 1939; Sixth, 1949; Seventh, 1959; and Eighth, 1969. Long term trends in causes of death should be interpreted with caution because of possible change in causes and groupings with each revision.

**External Causes of Death** - External causes of death include accident, suicide, homicide and injury undetermined whether accidentally or purposely inflicted. ●The introduction of the category injury undetermined in 1969 affected the number of deaths classified as accidents or suicides; any discussion of trends in these causes should take this change into account. The number of deaths classified as injury undetermined has declined since 1989, but they should be considered in analysis of deaths due to external causes. ●The classification of accident types in Tables 3 and 8 is based on categories developed by the National Safety Council, which emphasize the site of the accident. However, deaths due to firearms and to accidental drug poisoning are shown separately, regardless of site.

**Deaths Due to Drug Abuse** - Revised procedures at the Office of Chief Medical Examiner in 1989 led to a substantial portion of deaths related to drug use being classified as accidental drug poisonings. In prior years, virtually all such deaths were classified as due to drug dependence. In order to maintain continuity with previously published Vital Statistics, three new categories have been added to various tables. "Accidental drug poisoning" is shown in Tables 3, 8 and 17. "Accidents except drug poisoning" appears in Tables 4 and 5. "Drug dependence and accidental drug poisoning" is shown in Tables 3, 4 and 5. Deaths due to accidental drug poisoning are

assigned to one of the following four codes of the ICD-9, depending on the agent: E858.0, opiates and related narcotics; E854.1, psychodysleptics; E855.2, local anesthetics; E858.8, other drugs and combinations. Deaths due to drug dependence are assigned to code 304. Since 1989, the number of deaths assigned to accidental drug poisoning has declined; the category "drug dependence and accidental drug poisoning" is the most useful for analysis of trends.

**AIDS Mortality** - Mortality data for AIDS represent the number of deaths with underlying cause assigned to code 279.1 of the ICD-9 in 1986 and earlier, and to newly created code 042 in 1987 and thereafter. For other deaths due to Human Immunodeficiency Virus (HIV), codes 043 and 044 were also created in 1987. Since New York City has an active AIDS surveillance system, it is possible to compare death certificate data to the surveillance registry. Death certificate information for adult AIDS deaths for 1990 was compared to the New York AIDS Surveillance Registry and 92% were identified as confirmed AIDS cases. Among AIDS cases on the registry who died in 1990, 84% had AIDS as the underlying cause of death. Other underlying causes recorded for these decedents were HIV infection and pneumocystis pneumonia. Death certificates for pediatric (age under 13 years) AIDS cases agreed with the AIDS registry in 80% of cases. Among pediatric AIDS cases on the registry who died in 1990, 75% had AIDS as the underlying cause of death.

**Infant Mortality** - The infant mortality rate consists of the number of infant deaths in a specified time and place divided by the number of births in the same time and place: some infants in the numerator were born in the preceding year, and some in the denominator will die in the following year. ● In this summary, all characteristics of infant deaths are drawn from the death certificate except in Table 32, which uses the ethnic group of the mother. In Tables 29 and 30, maternal risk factors and birth weight are based on the birth certificates.

**Maternal Deaths** - Maternal deaths are those with underlying causes assigned to codes 630-679, complications of pregnancy, childbirth and the puerperium (the six-week period following childbirth). These codes are assigned only if death occurs within 42 days of delivery.

**BOROUGH OF RESIDENCE** - Borough of residence and other geographic classifications are based on the usual residence reported in the certificate. As of 1990 deaths of nursing home residents are assigned to the area where the nursing home is located, as residents of nursing homes are included in census figures. Prior to 1990, these deaths were reported in a separate category, Residents of Institutions.

**PLACE OF DEATH** - Hospital reported as the Place of Death includes residential units, hospices and other special facilities within the hospital. Nursing Home includes only sites licensed as Extended Care Facilities by the State of New York. Home includes, in addition to private houses and apartments, group quarters for special populations, homes for adults and other long-term residential sites.

## Rates and Ratios

The numerators of the rates in these tables are events occurring in New York City and reported during the year, unless otherwise specified. The denominator is the resident population figure from the 1990 census, including all ages and both sexes, unless otherwise specified.

Live Birth Rate - The number of live births per 1,000 population.

$$\frac{\text{Live Births} \times 1,000}{\text{Population}}$$

Marriage Rate - The number of marriages per 1,000 population.

$$\frac{\text{Marriages} \times 1,000}{\text{Population}}$$

Infant Mortality Rate - The number of infant (under one year of age) deaths per 1,000 live births.

$$\frac{\text{Infant Deaths} \times 1,000}{\text{Live Births}}$$

Neonatal Mortality Rate - The number of neonatal (under 28 days) deaths per 1,000 live births.

Post-neonatal Mortality Rate - The number of post-neonatal (28 days to under one year of age) deaths per 1,000 live births.

Fetal Death Ratio - The number of fetal deaths of 28 weeks gestation and over per 1,000 live births.

$$\frac{\text{Fetal deaths 28 weeks and over} \times 1,000}{\text{Live Births}}$$

Perinatal Mortality Rate - The number of fetal deaths of 28 weeks gestation and over plus the number of early neonatal (under seven days) deaths per 1,000 fetal deaths of 28 weeks gestation and over plus live births.

$$\frac{(\text{Fetal deaths 28 weeks and over} + \text{Infant deaths under 7 days}) \times 1,000}{\text{Fetal deaths 28 weeks and over} + \text{Live Births}}$$

Death Rate, all causes - The number of deaths per 1,000 population.

$$\frac{\text{Deaths all causes} \times 1,000}{\text{Population}}$$

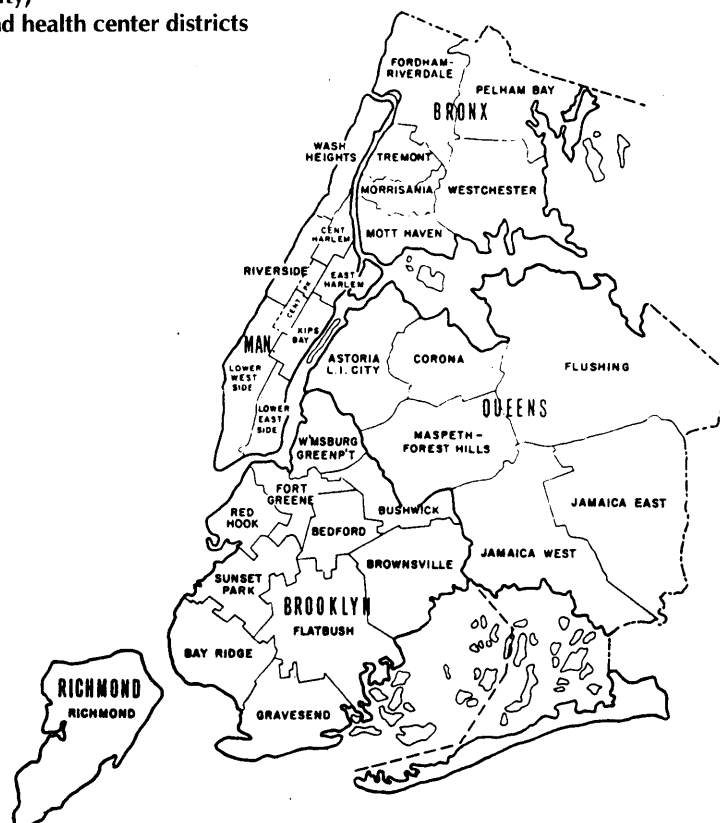
Death Rate, specified causes - The number of deaths due to a specified cause per 100,000 population.

Death Rate, age and sex specific - The number of deaths of persons of specified age and sex per 1,000 population of the specified age and sex.

Death Rate, age, sex and race adjusted - The number of deaths per 100,000 standard population. Age, sex and race specific death rates are applied to a standard population, eliminating the effect of differences in population composition, and allowing comparisons over time or between geographic areas.

Maternal Mortality Rate - The number of deaths due to complications of pregnancy, childbirth and puerperium occurring within 42 days of delivery per 10,000 live births.

**Figure 11. New York City, boroughs and health center districts**





## HIGHLIGHTS

The 1994 New York City Vital Statistics Summary contains features recently added or expanded, designed to make this publication more useful.

**POPULATION AND LIFE EXPECTANCY** - Table 2a contains population figures from the 1990 census, corrected by the Bureau of the Census for certain underreporting. Counts for five-year age groups by sex and race are shown; separate counts are also given for Hispanic males and females, who may be of any race. New figures illustrate other aspects of census data: Figure 1 shows the age composition of the population from 1900 to 1990, while Figure 2 displays the age-sex composition of the 1990 population as a population pyramid.

Table 14 shows life expectancy for New York City and United States residents for 1980 and 1990 from birth to 85 years of age. The New York City resident mortality data have been improved from those used in previous years by including deaths occurring to City residents outside the City (obtained from the New York State Department of Health) and excluding deaths to nonresidents. Figure 3 compares changes in life expectancy at selected ages between New Yorkers and all United States residents.

Tables 15 and 16 have been updated using improved 1980 and 1990 mortality data. Table 15 contains decennial age-sex specific death rates and Table 16 shows age-sex-race adjusted death rates for selected causes.

Detailed discussions of the data can be found in the table footnotes and in the Technical Notes.

**FIGURES** - New figures illustrate other aspects of New York City's vital events. Figures 4 and 5, respectively, show the ethnicity of women delivering infants and of persons dying. Figure 6 shows sex and ethnicity of persons dying of AIDS from 1983 through 1991. Figure 7 shows the age characteristics of women experiencing differing birth outcomes in 1991, and Figure 8 displays age at death for infants from 1983 through 1991.

Figure 9 presents the average number of marriages, births and deaths each day, a snapshot of vital events in the City in tabular format. The most popular names for New York City-born infants, as well as some historic perspective, are given in Figure 10.

**CAUSE OF DEATH** - Table 17, which presents historic data on cause of death, now contains specific information on deaths due to malignant neoplasms of trachea, bronchus and lung among both males and females, and to breast cancer among females.

**ETHNICITY** - The definition of Asian ethnicity, which appears in many mortality and natality tables, is now based on an expanded list of Asian race codes, rather than on ancestry codes.

**TECHNICAL NOTES AND DEFINITIONS** - The Technical Notes have been greatly expanded, and should be read by every user of this Summary. Definitions that will assist in understanding the data are presented, as are some limitations of the data.



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Rudolph W. Giuliani, Mayor  
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