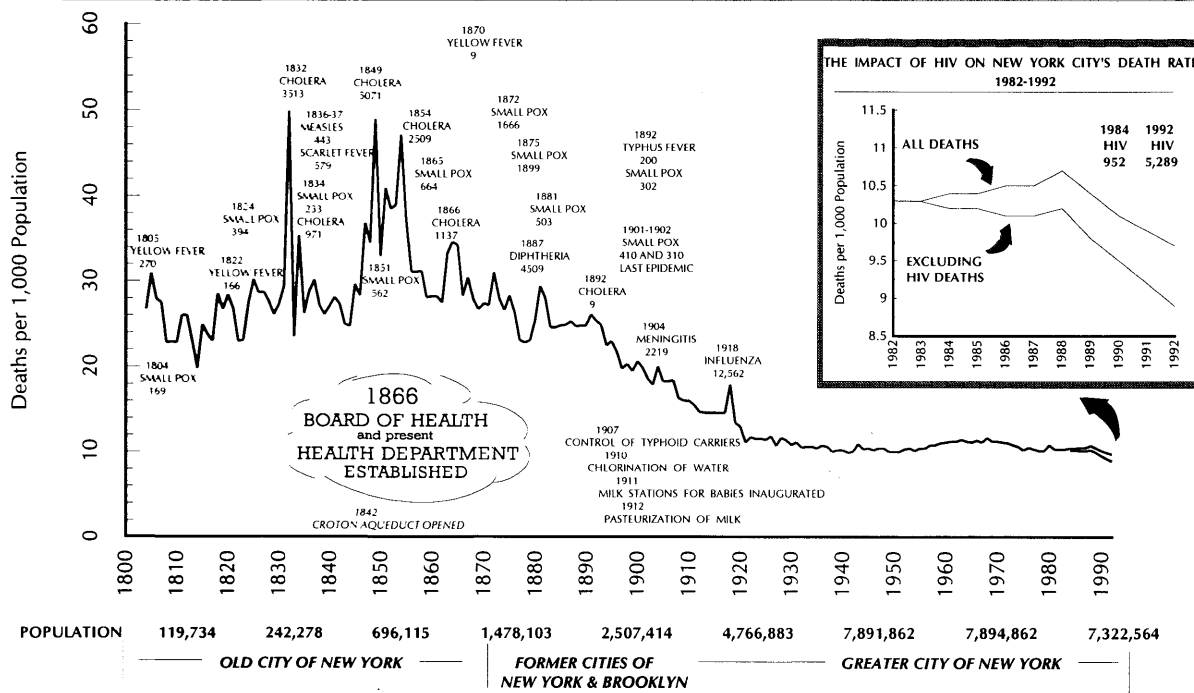


SUMMARY OF VITAL STATISTICS 1992

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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Table 1. Population, Births, Marriages, Deaths and Infant Mortality, New York City, 1898-1992

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

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, 1992**

Age In Years	DEATHS IN 1992											
	Race									Hispanic Ancestry*		
	All Races			White		Black		Other & Unknown		Total	Male	Female
	Total	Male	Female	Male	Female	Male	Female	Male	Female			
All Ages	71,001	37,191	33,810	24,357	22,915	9,373	8,097	3,461	2,798	8,531	5,396	3,135
Under 5	1,622	923	699	355	253	360	298	208	148	317	187	130
5-9	136	80	56	44	20	27	25	9	11	40	25	15
10-14	92	60	32	24	14	29	14	7	4	27	17	10
15-19	409	342	67	148	38	173	25	21	4	129	100	29
20-24	872	681	191	365	94	276	85	40	12	296	252	44
25-29	1,434	1,038	396	566	180	408	180	64	36	451	336	115
30-34	2,245	1,596	649	902	315	586	268	108	66	654	486	168
35-39	2,934	2,120	814	1,206	336	749	395	165	83	756	587	169
40-44	3,175	2,330	845	1,270	361	844	399	216	85	682	540	142
45-49	2,806	1,921	885	1,073	445	657	358	191	82	595	437	158
50-54	2,948	1,916	1,032	1,079	522	616	391	221	119	559	396	163
55-59	3,510	2,115	1,395	1,235	712	666	539	214	144	554	353	201
60-64	4,761	2,785	1,976	1,743	1,128	757	670	285	178	615	373	242
65-69	6,261	3,495	2,766	2,271	1,700	865	798	359	268	633	365	268
70-74	7,091	3,679	3,412	2,554	2,226	750	887	375	299	563	284	279
75-79	8,018	3,893	4,125	2,861	3,020	676	794	356	311	546	240	306
80-84	8,508	3,692	4,816	2,924	3,742	467	719	301	355	508	214	294
85 & Over	14,179	4,525	9,654	3,737	7,809	467	1,252	321	593	606	204	402

*Persons of Hispanic ancestry may be of any race.

Table 3.

Deaths by Cause and Borough of Residence
New York City, 1992

Cause (ICD-9 Code*)	BOROUGH OF RESIDENCE							
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond	Non-Residents	Residence Unknown
Total Deaths	71,001	14,013	11,770	20,688	16,259	3,261	4,229	781
All Natural Causes	66,728	13,254	10,890	19,445	15,435	3,150	3,964	590
1. Total tuberculosis (010-018)	200	62	32	73	16	5	5	7
Respiratory tuberculosis (010-012)	155	46	28	55	13	2	4	7
Other forms (013-018)	45	16	4	18	3	3	1	-
2. Septicemia (038)	353	113	66	82	56	7	25	4
3. Acquired immunodeficiency syndrome (042)	5,592	1,831	1,129	1,454	684	142	250	102
4. Other HIV infections (043-044)	197	44	45	75	27	2	3	1
5. Viral hepatitis (070)	56	10	11	23	11	-	1	-
6. Pneumocystosis (136.3)	56	12	2	28	12	2	-	-
7. Other infective and parasitic diseases (Rest of 001-139)	169	46	30	61	16	3	10	3
8. Malignant neoplasms, all (140-208)	15,228	3,017	2,150	4,072	3,615	819	1,500	55
Lip, oral cavity and pharynx (140-149)	266	62	34	70	59	14	23	4
Digestive organs and peritoneum (150-159)	4,318	805	662	1,160	1,084	222	366	19
Stomach (151)	684	124	95	190	185	33	52	5
Colon (153)	1,536	280	222	437	398	82	113	4
Rectum (154)	230	48	50	52	53	13	13	1
Liver, bile duct, gallbladder (155-156)	625	121	94	174	158	28	45	5
Pancreas (157)	788	142	111	212	183	45	94	1
Respiratory system (160-165)	3,729	767	470	1,031	893	237	315	16
Trachea, bronchus and lung (162)	3,517	722	436	967	853	228	296	15
Kaposi's sarcoma (173.9)	18	3	4	4	4	-	3	-
Breast and genito-urinary organs (174, 179-189)	3,942	782	588	1,059	931	202	374	6
Breast, female (174)	1,518	298	211	431	350	75	151	2
Cervix uteri (180)	138	25	21	54	21	2	15	-
Ovary and other uterine adnexa (183)	485	88	58	128	112	32	66	1
Prostate (185)	991	230	175	244	227	46	66	3
Bladder and other urinary organs (188-189)	532	90	79	125	145	35	58	-
Other and unspecified sites (Rest of 140-199)	1,498	314	193	382	351	74	180	4
Lymphatic and hematopoietic tissues (200-208)	1,457	284	199	366	293	70	239	6
Leukemia and aleukemia (204-208)	531	99	58	122	101	31	118	2
9. Benign and unspecified neoplasms (210-239)	182	30	23	49	46	8	26	-
10. Diabetes mellitus (250)	1,055	187	225	343	224	40	30	6
11. Alcohol dependence syndrome (303)	456	107	78	163	65	7	6	30
12. Drug dependence and accidental drug poisoning**	858	170	187	225	119	14	86	57
Drug dependence (304)	803	157	168	215	113	14	83	53
13. Diseases of nervous system (320-389)	518	140	102	128	104	12	30	2
14. Total cardiovascular diseases (390-459)	32,096	5,332	4,981	9,912	8,506	1,673	1,472	220
Cerebrovascular disease (430-438)	2,189	475	347	648	520	92	95	12
Heart diseases (393-398, 402, 404-429)	28,468	4,502	4,367	8,911	7,671	1,524	1,294	199
Chronic rheumatic heart disease (393-398)	97	19	18	22	23	4	11	-
Ischemic heart disease (410-414)	23,456	3,218	3,474	7,426	6,735	1,405	1,077	121
Other forms of heart disease (420-429)	3,454	886	580	1,039	672	86	141	50
Hypertensive disease (401-404)	1,867	473	377	555	324	40	67	31
Atherosclerosis (440)	298	80	49	60	75	15	17	2
15. Pneumonia and influenza (480-487)	2,719	657	496	759	523	142	117	25
16. Chronic obstructive pulmonary diseases, all (490-496)	1,526	342	269	390	363	90	61	11
Bronchitis, emphysema, asthma (490-493)	557	118	105	168	106	29	25	6
17. Ulcer of stomach and duodenum (531-533)	207	46	39	56	52	3	7	4
18. Appendicitis (540-543)	11	4	2	2	2	-	1	-
19. Intestinal obstruction and hernia (550-553, 560)	87	20	14	23	24	2	4	-
20. Chronic liver disease and cirrhosis (571)	990	237	204	273	189	27	43	17
21. Nephritis, nephrotic syndrome and nephrosis (580-589)	327	71	55	106	71	9	14	1
22. Hyperplasia of prostate (600)	7	2	1	1	1	-	2	-
23. Complications of pregnancy, childbirth and the puerperium (630-676)	30	9	3	9	5	2	2	-
24. Congenital anomalies (740-759)	411	75	62	139	55	15	65	-
25. Certain conditions originating in the perinatal period (760-779)	793	94	158	297	159	26	56	3
26. Sudden infant death syndrome (798.0)	114	18	31	35	22	4	4	-
27. Ill-defined (Rest of 780-799)	362	57	84	130	44	11	11	25
28. All other diseases	2,183	534	429	547	430	85	136	22
All External Causes	4,273	759	881	1,243	824	111	265	190
29. Total accidents (E800-E949)	1,486	249	241	426	324	54	127	65
Accidental drug poisoning**	55	13	19	10	6	-	3	4
Motor vehicle accidents (E810-E825)	586	70	101	176	142	26	51	20
Home accidents	471	116	69	144	110	16	7	9
30. Suicide and self inflicted injuries (E950-E959)	605	160	91	160	127	19	30	18
31. Homicide (E960-E975, E990-E999)	2,041	324	529	627	341	35	100	85
32. Injury undetermined whether accidentally or purposely inflicted (E980-E989)	141	26	20	30	32	3	8	22

*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, 1992**

Males			Females	
Deaths	Percent		Deaths	Percent
ALL AGES				
12,830	34.5	Heart Diseases.....	15,638	46.3
7,494	20.2	Malignant Neoplasms.....	7,734	22.9
4,433	11.9	Acquired Immunodeficiency Syndrome (AIDS).....	1,159	3.4
1,312	3.5	Pneumonia and Influenza.....	1,407	4.2
878	2.4	Cerebrovascular Disease.....	1,311	3.9
1,766	4.7	Homicide.....	275	0.8
809	2.2	Chronic Obstructive Pulmonary Disease.....	717	2.1
942	2.5	Accidents Except Drug Poisoning.....	489	1.4
454	1.2	Diabetes Mellitus.....	601	1.8
720	1.9	Chronic Liver Disease and Cirrhosis.....	270	0.8
5,553	14.9	All Other Causes.....	4,209	12.4
37,191	100.0	Total.....	33,810	100.0
UNDER 1 YEAR				
169	21.3	Congenital Anomalies.....	109	18.3
130	16.4	Other Conditions of the Perinatal Period.....	86	14.4
78	9.8	Respiratory Conditions of Newborn.....	69	11.6
75	9.5	Short Gestation and Low Birth Weight.....	65	10.9
70	8.8	Respiratory Distress Syndrome.....	46	7.7
67	8.4	Sudden Infant Death Syndrome.....	47	7.9
17	2.1	Maternal Conditions.....	13	2.2
12	1.5	Pneumonia and Influenza.....	14	2.3
13	1.6	Infections specific to the Perinatal Period.....	13	2.2
10	1.3	Perinatal Disorders of Digestive System.....	13	2.2
152	19.2	All Other Causes.....	122	20.4
793	100.0	Total.....	597	100.0
1 TO 14 YEARS				
54	20.0	Accidents Except Drug Poisoning.....	22	11.6
39	14.4	Acquired Immunodeficiency Syndrome (AIDS).....	29	15.3
29	10.7	Congenital Anomalies.....	27	14.2
35	13.0	Malignant Neoplasms.....	20	10.5
22	8.1	Homicide.....	14	7.4
20	7.4	Diseases of Nervous System.....	11	5.8
11	4.1	Heart Diseases.....	14	7.4
11	4.1	Chronic Obstructive Pulmonary Disease.....	8	4.2
6	2.2	Pneumonia and Influenza.....	5	2.6
4	1.5	Injury Undetermined.....	5	2.6
39	14.4	All Other Causes.....	35	18.4
270	100.0	Total.....	190	100.0
15 TO 24 YEARS				
627	61.3	Homicide.....	59	22.9
124	12.1	Accidents Except Drug Poisoning.....	33	12.8
63	6.2	Suicide.....	11	4.3
37	3.6	Malignant Neoplasms.....	29	11.2
36	3.5	Acquired Immunodeficiency Syndrome (AIDS).....	27	10.5
27	2.6	Drug Dependence and Accidental Drug Poisoning.....	9	3.5
23	2.2	Heart Diseases.....	9	3.5
11	1.1	Congenital Anomalies.....	8	3.1
4	0.4	Chronic Obstructive Pulmonary Disease.....	7	2.7
6	0.6	Diseases of Nervous System.....	5	1.9
65	6.4	All Other Causes.....	61	23.6
1,023	100.0	Total.....	258	100.0
25 TO 34 YEARS				
982	37.3	Acquired Immunodeficiency Syndrome (AIDS).....	366	35.0
609	23.1	Homicide.....	89	8.5
215	8.2	Drug Dependence and Accidental Drug Poisoning.....	55	5.3
95	3.6	Malignant Neoplasms.....	111	10.6
165	6.3	Accidents Except Drug Poisoning.....	36	3.4
75	2.8	Heart Diseases.....	64	6.1
109	4.1	Suicide.....	29	2.8
37	1.4	Pneumonia and Influenza.....	19	1.8
26	1.0	Other HIV Infections.....	16	1.5
30	1.1	Injury Undetermined.....	8	0.8
291	11.0	All Other Causes.....	252	24.1
2,634	100.0	Total.....	1,045	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
2,074	46.6	Acquired Immunodeficiency Syndrome (AIDS)		510	30.7
270	6.1	Malignant Neoplasms		361	21.8
335	7.5	Heart Diseases		148	8.9
317	7.1	Drug Dependence and Accidental Drug Poisoning		72	4.3
271	6.1	Homicide		52	3.1
156	3.5	Chronic Liver Disease and Cirrhosis		41	2.5
122	2.7	Accidents Except Drug Poisoning		49	3.0
108	2.4	Pneumonia and Influenza		35	2.1
98	2.2	Suicide		34	2.0
80	1.8	Alcohol Dependence		18	1.1
619	13.9	All Other Causes		339	20.4
4,450	100.0	Total		1,659	100.0
		45 TO 54 YEARS			
686	17.9	Malignant Neoplasms		763	39.8
766	20.0	Heart Diseases		375	19.6
930	24.2	Acquired Immunodeficiency Syndrome (AIDS)		157	8.2
187	4.9	Chronic Liver Disease and Cirrhosis		52	2.7
108	2.8	Cerebrovascular Disease		94	4.9
139	3.6	Homicide		21	1.1
118	3.1	Accidents Except Drug Poisoning		34	1.8
111	2.9	Alcohol Dependence		25	1.3
110	2.9	Drug Dependence and Accidental Drug Poisoning		14	0.7
69	1.8	Diabetes Mellitus		50	2.6
613	16.0	All Other Causes		332	17.3
3,837	100.0	Total		1,917	100.0
		55 TO 64 YEARS			
1,806	36.9	Heart Diseases		1,073	31.8
1,465	29.9	Malignant Neoplasms		1,377	40.8
283	5.8	Acquired Immunodeficiency Syndrome (AIDS)		50	1.5
149	3.0	Cerebrovascular Disease		153	4.5
187	3.8	Chronic Liver Disease and Cirrhosis		61	1.8
109	2.2	Pneumonia and Influenza		64	1.9
102	2.1	Chronic Obstructive Pulmonary Disease		70	2.1
75	1.5	Diabetes Mellitus		81	2.4
117	2.4	Accidents Except Drug Poisoning		38	1.1
84	1.7	Alcohol Dependence		23	0.7
523	10.7	All Other Causes		381	11.3
4,900	100.0	Total		3,371	100.0
		65 TO 74 YEARS			
3,227	45.0	Heart Diseases		2,633	42.6
2,204	30.7	Malignant Neoplasms		2,093	33.9
207	2.9	Cerebrovascular Disease		239	3.9
223	3.1	Pneumonia and Influenza		181	2.9
230	3.2	Chronic Obstructive Pulmonary Disease		168	2.7
131	1.8	Diabetes Mellitus		163	2.6
121	1.7	Chronic Liver Disease and Cirrhosis		64	1.0
72	1.0	Hypertensive Disease		74	1.2
82	1.1	Accidents Except Drug Poisoning		54	0.9
51	0.7	Diseases of Nervous System		36	0.6
626	8.7	All Other Causes		473	7.7
7,174	100.0	Total		6,178	100.0
		75 TO 84 YEARS			
3,853	50.8	Heart Diseases		4,825	54.0
1,987	26.2	Malignant Neoplasms		2,011	22.5
390	5.1	Pneumonia and Influenza		392	4.4
206	2.7	Cerebrovascular Disease		362	4.0
260	3.4	Chronic Obstructive Pulmonary Disease		260	2.9
98	1.3	Diabetes Mellitus		155	1.7
93	1.2	Accidents Except Drug Poisoning		115	1.3
68	0.9	Hypertensive Disease		101	1.1
57	0.8	Diseases of Nervous System		52	0.6
42	0.6	Atherosclerosis		50	0.6
531	7.0	All Other Causes		618	6.9
7,585	100.0	Total		8,941	100.0
		85 AND OVER			
2,729	60.3	Heart Diseases		6,489	67.2
714	15.8	Malignant Neoplasms		966	10.0
341	7.5	Pneumonia and Influenza		654	6.8
130	2.9	Cerebrovascular Disease		402	4.2
122	2.7	Chronic Obstructive Pulmonary Disease		132	1.4
63	1.4	Accidents Except Drug Poisoning		107	1.1
45	1.0	Diabetes Mellitus		118	1.2
35	0.8	Hypertensive Disease		99	1.0
39	0.9	Atherosclerosis		88	0.9
31	0.7	Diseases of Nervous System		51	0.5
276	6.1	All Other Causes		548	5.7
4,525	100.0	Total		9,654	100.0

Table 5.

Deaths and Death Rates per 100,000 Population from Selected Causes by Health Center District of Residence, New York City, 1992

Health Center District	Population April 1, 1990	All Causes		Heart Diseases		Malignant Neoplasms		AIDS		Pneumonia and Influenza		Cerebrovascular Disease		Chronic Obstructive Pulmonary Diseases		Chronic Liver Disease & Cirrhosis		Diabetes Mellitus		Drug Dependence & Accidental Drug Poisoning		Accidents Except Drug Poisoning		Suicide		Homicide		Injury Undetermined	
		No.	Rate Per 1,000	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
NEW YORK CITY.....	7,322,564	71001*	9.7	28,468	388.8	15,228	208.0	5,592	76.4	2,719	37.1	2,189	29.9	1,526	20.8	990	13.5	1,055	14.4	858	11.7	1,431	19.5	605	8.3	2,041	27.9	141	1.9
MANHATTAN.....	1,487,536	14,013	9.4	4,502	302.6	3,017	202.8	1,831	123.1	657	44.2	475	31.9	342	23.0	237	15.9	187	12.6	170	11.4	236	15.9	160	10.8	324	21.8	26	1.7
Central Harlem.....	115,483	1,855	16.1	498	431.2	396	342.9	209	181.0	66	57.2	69	59.7	42	36.4	39	33.8	39	33.8	40	34.6	40	34.6	7	6.1	66	57.2	4	3.5
East Harlem.....	127,258	1,401	11.0	416	326.9	265	208.2	205	161.1	63	49.5	37	29.1	33	25.9	32	25.1	28	22.0	16	12.6	25	19.6	13	10.2	50	39.3	2	1.6
Kips Bay-Yorkville.....	235,583	1,915	8.1	717	304.4	502	213.1	130	55.2	106	45.0	76	32.3	53	22.5	21	8.9	13	5.5	16	6.8	26	11.0	34	14.4	7	3.0	2	0.8
Lower East Side.....	239,489	2,248	9.4	703	293.5	497	207.5	302	126.1	108	45.1	64	26.7	63	26.3	52	21.7	32	13.4	32	13.4	49	20.5	34	14.2	33	13.8	8	3.3
Lower West Side.....	294,275	2,633	8.9	822	279.3	557	189.3	538	182.8	116	39.4	74	25.1	74	25.1	37	12.6	22	7.5	22	7.5	32	10.9	31	10.5	26	8.8	4	1.4
Riverside.....	208,936	1,829	8.8	628	300.6	350	167.5	281	134.5	95	45.5	56	26.8	38	18.2	23	11.0	30	14.4	18	8.6	30	14.4	20	9.6	24	11.5	1	0.5
Washington Heights.....	266,512	2,132	8.0	718	269.4	450	168.8	166	62.3	103	38.6	99	37.1	39	14.6	33	12.4	23	8.6	26	9.8	34	12.8	21	7.9	118	44.3	5	1.9
BRONX.....	1,203,789	11,770	9.8	4,367	362.8	2,150	178.6	1,129	93.8	496	41.2	347	28.8	269	22.3	204	16.9	225	18.7	187	15.5	222	18.4	91	7.6	529	43.9	20	1.7
Fordham-Riverdale.....	245,226	2,580	10.5	1,155	471.0	479	195.3	148	60.4	126	51.4	78	31.8	65	26.5	52	21.2	39	15.9	33	13.5	45	18.4	15	6.1	71	29.0	4	1.6
Morrisania.....	144,743	1,477	10.2	393	271.5	211	145.8	238	164.4	45	31.1	56	38.7	35	24.2	33	22.8	34	23.5	33	22.8	29	20.0	11	7.6	97	67.0	5	3.5
Mott Haven.....	129,817	1,114	8.6	269	207.2	171	131.7	166	127.9	30	23.1	27	20.8	28	21.6	32	24.7	24	18.5	27	20.8	29	22.3	11	8.5	106	81.7	2	1.5
Pelham Bay.....	218,114	2,530	11.6	1,128	517.2	520	238.4	113	51.8	134	61.4	77	35.3	61	28.0	17	7.8	49	22.5	18	8.3	38	17.4	22	10.1	61	28.0	2	0.9
Tremont.....	190,532	1,278	6.7	307	161.1	187	98.1	239	125.4	37	19.4	37	19.4	19	10.0	35	18.4	24	12.6	44	23.1	37	19.4	10	5.2	90	47.2	4	2.1
Westchester.....	275,357	2,791	10.1	1,115	404.9	582	211.4	225	81.7	124	45.0	72	26.1	61	22.2	35	12.7	55	20.0	32	11.6	44	16.0	22	8.0	104	37.8	3	1.1
BROOKLYN.....	2,300,664	20,688	9.0	8,911	387.3	4,072	177.0	1,454	63.2	759	33.0	648	28.2	390	17.0	273	11.9	343	14.9	225	9.8	416	18.1	160	7.0	627	27.3	30	1.3
Bay Ridge.....	238,428	2,610	10.9	1,490	624.9	547	229.4	63	26.4	78	32.7	70	29.4	49	20.6	22	9.2	24	10.1	14	5.9	41	17.2	20	8.4	21	8.8	1	0.4
Bedford.....	232,911	2,138	9.2	668	286.8	381	163.6	219	94.0	72	30.9	97	41.6	40	17.2	28	12.0	44	18.9	34	14.6	61	26.2	10	4.3	109	46.8	3	1.3
Brownsville.....	278,444	2,393	8.6	861	309.2	484	173.8	193	69.3	76	27.3	81	29.1	53	19.0	39	14.0	47	16.9	31	11.1	41	14.7	20	7.2	125	44.9	10	3.6
Bushwick.....	182,574	1,375	7.5	445	243.7	205	112.3	151	82.7	63	34.5	54	29.6	25	13.7	26	14.2	38	20.8	34	18.6	18	9.9	9	4.9	87	47.7	-	-
Flatbush.....	502,102	3,799	7.6	1,746	347.7	798	158.9	192	38.2	131	26.1	118	23.5	56	11.2	46	9.2	60	11.9	20	4.0	90	17.9	30	6.0	114	22.7	6	1.2
Fort Greene.....	150,219	1,539	10.2	500	332.8	224	149.1	232	154.4	89	59.2	42	28.0	29	19.3	23	15.3	22	14.6	32	21.3	34	22.6	9	6.0	62	41.3	2	1.3
Gravesend.....	284,040	3,367	11.9	1,770	623.2	784	276.0	78	27.5	132	46.5	98	34.5	67	23.6	30	10.6	51	18.0	16	5.6	55	19.4	28	9.9	26	9.2	5	1.8
Red Hook-Gowanus.....	105,661	924	8.7	311	294.3	168	159.0	133	125.9	35	33.1	24	22.7	25	23.7	15	14.2	17	16.1	12	11.4	14	13.2	9	8.5	25	23.7	-	-
Sunset Park.....	170,313	1,361	8.0	694	407.5	257	150.9	81	47.6	33	19.4	26	15.3	19	11.2	17	10.0	18	10.6	18	10.6	31	18.2	16	9.4	24	14.1	1	0.6
Williamsburg-Greenpoint.....	155,972	1,182	7.6	426	273.1	224	143.6	112	71.8	50	32.1	38	24.4	27	17.3	27	17.3	22	14.1	14	9.0	31	19.9	9	5.8	34	21.8	2	1.3
QUEENS.....	1,951,598	16,259	8.3	7,671	393.1	3,615	185.2	684	35.0	523	26.8	520	26.6	363	18.6	189	9.7	224	11.5	119	6.1	318	16.3	127	6.5	341	17.5	32	1.6
Astoria.....	236,369	1,949	8.2	873	369.3	472	199.7	91	38.5	50	21.2	47	19.9	68	28.8	33	14.0	24	10.2	24	10.2	30	12.7	15	6.3	34	14.4	2	0.8
Corona.....	291,005	1,908	6.6	750	257.7	429	147.4	137	47.1	80	27.5	71	24.4	51	17.5	35	12.0	25	8.6	14	4.8	38	13.1	16	5.5	64	22.0	1	0.3
Flushing.....	456,393	3,633	8.0	1,854	406.2	911	199.6	69	15.1	104	22.8	105	23.0	75	16.4	24	5.3	48	10.5	17	3.7	70	15.3	35	7.7	40	8.8	7	1.5
Jamaica East.....	337,312	2,605	7.7	1,034	306.5	502	148.8	187	55.4	83	24.6	102	30.2	40	11.9	34	10.1	62	18.4	26	7.7	61	18.1	19	5.6	111	32.9	10	3.0
Jamaica West.....	361,199	3,416	9.5	1,813	501.9	647	179.1	118	32.7	107	29.6	93	25.7	67	18.5	37	10.2	33	9.1	24	6.6	70	19.4	19	5.3	69	19.1	4	1.1
Maspeth-Forest Hills.....	269,320	2,748	10.2	1,347	500.1	654	242.8	82	30.4	99	36.8	102	37.9	62	23.0	26	9.7	32	11.9	14	5.2	49	18.2	23	8.5	23	8.5	8	3.0
RICHMOND.....	378,977	3,261	8.6	1,524	402.1	819	216.1	142	37.5	142	37.5	92	24.3	90	23.7	27	7.1	40	10.6	14	3.7	54	14.2	19	5.0	35	9.2	3	0.8
NON-RESIDENTS.....	-	4,229	-	1,294	-	1,500	-	250	-	117	-	95	-	61	-	43	-	30	-	86	-	124	-	30	-	100	-	8	-
RESIDENCE UNKNOWN.....	-	781	-	199	-	55	-	102	-	25	-	12	-	11	-	17	-	6	-	57	-	61	-	18	-	85	-	22	-

*Deaths include events to non-residents.

Table 6.

**Deaths by Place of Death
New York City, 1985-1992**

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

Table 7.

**Deaths by Ancestry and Borough of Residence
New York City, 1992**

Ancestry	Total	Borough of Residence					Non-Residents	Residence Unknown
		Manhattan	Bronx	Brooklyn	Queens	Richmond		
Puerto Rican	4,216	1,019	1,761	981	305	58	68	24
Dominican	706	330	213	66	71	1	22	3
Colombian	194	22	13	16	130	1	10	2
Ecuadorian	132	27	27	23	50	3	2	-
Mexican	84	18	17	23	23	1	2	-
Cuban	332	128	55	38	83	6	20	2
Other Hispanic	2,867	615	747	792	494	39	87	93
African-American	15,101	3,599	3,051	4,994	2,548	213	494	202
American	12,563	2,828	1,435	2,875	3,120	1,169	1,105	31
Guyanese	235	5	24	111	91	-	4	-
Haitian	374	29	7	219	103	2	11	3
Jamaican	304	13	74	162	39	6	9	1
Trinidadian	124	5	6	94	14	2	3	-
All Other North, Central and South American	668	66	116	285	151	10	38	2
English	252	77	24	44	54	31	22	-
German	1,505	325	183	169	689	51	85	3
Irish	2,237	340	416	400	777	156	144	4
Italian	5,870	374	871	1,990	1,604	686	329	16
Polish	1,589	191	237	648	413	42	54	4
Russian	1,532	180	187	795	304	17	45	4
Other European	1,708	353	201	440	564	72	72	6
Chinese	857	358	23	203	230	18	20	5
Asian Indian	180	5	22	24	93	6	30	-
Korean	119	7	5	15	76	7	9	-
Filipino	105	15	10	14	49	10	7	-
Other Asian	384	59	14	117	157	6	30	1
Other & Not Stated	16,763	3,025	2,031	5,150	4,027	648	1,507	375
Total	71,001	14,013	11,770	20,688	16,259	3,261	4,229	781

DEATHS DUE TO EXTERNAL CAUSES BY AGE, NEW YORK CITY, 1992

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	1,486	42	22	17	45	112	219	195	158	162	136	378
Work	26	-	-	-	1	2	3	8	5	4	2	1
Accidental drug poisoning	55	-	-	-	-	-	18	24	6	7	-	-
Firearms	6	-	-	-	2	2	2	-	-	-	-	-
Home												
Poisoning (gas excepted)	3	-	-	-	-	-	-	1	2	-	-	-
Poisoning by gas and vapors	0	-	-	-	-	-	-	-	-	-	-	-
Falls	300	7	2	1	4	5	11	14	21	27	30	178
Fire and flames	120	18	4	2	1	2	7	15	12	11	13	35
Drowning	8	2	-	-	-	-	2	1	-	-	1	2
Suffocation	20	4	2	-	-	-	2	-	3	1	2	6
Other home accidents	20	1	-	-	-	-	1	3	4	-	4	7
Motor Vehicle												
Injury to pedestrian	295	4	10	3	8	16	30	39	32	46	36	71
Collision with other motor vehicle	91	2	1	3	6	21	23	7	8	9	4	7
Collision with fixed object	71	-	-	-	6	18	22	10	5	2	4	4
Non-collision	2	-	-	-	-	-	1	-	-	-	1	-
Other motor vehicle accident	127	1	-	1	9	25	42	14	14	6	6	9
Public Place												
Railroad and subway	39	-	-	-	2	7	14	6	5	3	1	1
Falls	123	-	-	1	5	4	16	17	13	18	13	36
Fire and flames	8	-	-	-	-	-	2	1	2	3	-	-
Drowning	17	1	1	2	-	-	3	6	1	1	1	1
Other	148	2	2	3	1	10	20	27	23	22	18	20
Late effects of accidents	7	-	-	1	-	-	-	2	2	2	-	-

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	-	-	1	21	53	138	132	86	62	49	63
Poisoning by solid or liquid substances	116	-	-	-	2	3	18	36	22	13	11	11
Poisoning by gases and vapors	6	-	-	-	-	1	2	1	-	2	-	-
Hanging, strangulation and suffocation	151	-	-	1	4	12	29	34	23	13	10	25
Submersion (drowning)	11	-	-	-	-	2	4	2	1	2	-	-
Firearms and explosives	135	-	-	-	12	24	41	18	15	13	8	4
Cutting and piercing instruments	15	-	-	-	-	1	6	1	2	1	3	1
Jumping before moving object	30	-	-	-	-	1	7	10	2	6	1	3
Jumping from high place	129	-	-	-	3	8	28	27	20	12	14	17
Other and unspecified means	12	-	-	-	-	1	3	3	1	-	2	2

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	2,041	32	8	12	255	431	698	323	160	63	31	28
Poisoning	0	-	-	-	-	-	-	-	-	-	-	-
Hanging and strangulation	82	2	1	1	5	13	22	18	6	3	3	8
Submersion (drowning)	1	-	-	-	-	-	1	-	-	-	-	-
Firearms and explosives	1,592	5	4	9	223	381	587	236	99	33	11	4
Cutting and piercing	206	1	-	2	21	28	56	44	26	19	3	6
Child battering	17	15	2	-	-	-	-	-	-	-	-	-
Fire and flames	12	1	1	-	-	-	4	1	4	1	-	-
Pushing from high place	5	1	-	-	2	-	-	-	1	1	-	-
Striking with object	64	4	-	-	4	4	13	13	14	4	4	4
Fight, brawl, or rape	3	-	-	-	-	-	-	1	1	-	1	-
Late effects	2	-	-	-	-	-	-	1	1	-	-	-
Legal intervention	9	-	-	-	-	2	3	3	1	-	-	-
Other and unspecified means	48	3	-	-	-	3	12	6	7	2	9	6

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	141	11	2	2	3	7	38	28	28	12	6	4
Fire and flames	7	1	1	2	-	-	1	1	-	1	-	-
Poisoning by solid or liquid substance	27	3	-	-	1	1	6	3	8	3	1	1
Poisoning by gases and vapors	0	-	-	-	-	-	-	-	-	-	-	-
Hanging, strangulation or suffocation	2	1	-	-	-	-	1	-	-	-	-	-
Submersion (drowning)	22	1	-	-	-	2	9	4	4	-	1	1
Firearms and explosives	4	-	-	-	-	1	2	-	1	-	-	-
Falling from high places	6	-	1	-	1	-	-	3	-	-	-	1
Other and unspecified means	73	5	-	-	1	3	19	17	15	8	4	1

Table 12

Deaths from AIDS by Age, Sex and Ethnic Group, New York City, 1983-1992

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

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, 1992

Cause of Death	Total	Percent of Total Deaths with Specified Characteristic							Male	Never Married	Age Under 20
		Ethnic Group									
		Puerto Rican	Other Hispanic	Asian	Other White	Other Black	Other & Unknown				
All Causes.....	71,001	5.9	6.1	2.3	54.8	24.0	6.9	52.4	25.2	3.2	
AIDS.....	5,592	15.5	11.4	0.6	27.7	36.5	8.4	79.3	65.2	1.5	
Chronic Liver Disease & Cirrhosis....	990	17.4	11.1	2.3	37.7	24.2	7.3	72.7	28.9	0.2	
Drug Dependence and											
Accidental Drug Poisoning.....	858	11.4	14.8	0.6	32.5	38.8	1.9	82.1	52.9	0.0	
Motor Vehicle Accidents.....	586	6.0	15.7	4.6	45.6	26.5	1.7	71.7	47.4	9.2	
Other Accidents.....	845	6.2	11.0	3.1	51.5	26.6	1.7	61.8	35.7	8.5	
Suicide.....	605	7.4	13.6	6.0	52.4	18.8	1.8	74.5	41.8	3.6	
Homicide.....	2,041	8.6	27.9	2.6	13.0	46.7	1.2	86.5	65.4	15.0	
Injury Undetermined.....	141	7.8	14.2	0.7	36.9	38.3	2.1	68.8	51.1	12.8	
All Other Causes.....	59,343	4.7	4.4	2.4	59.6	21.8	7.2	47.3	18.9	2.9	

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.

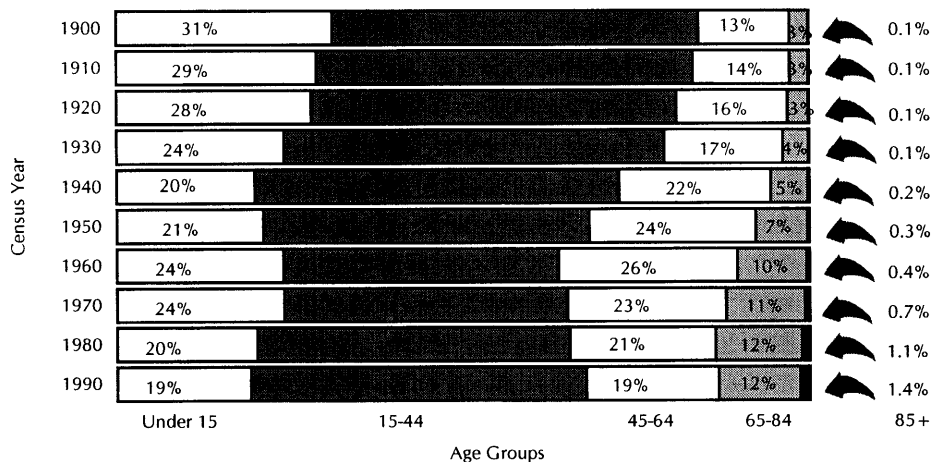


Figure 1. Changes in Age Composition of the Population New York City, 1900-1990

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.

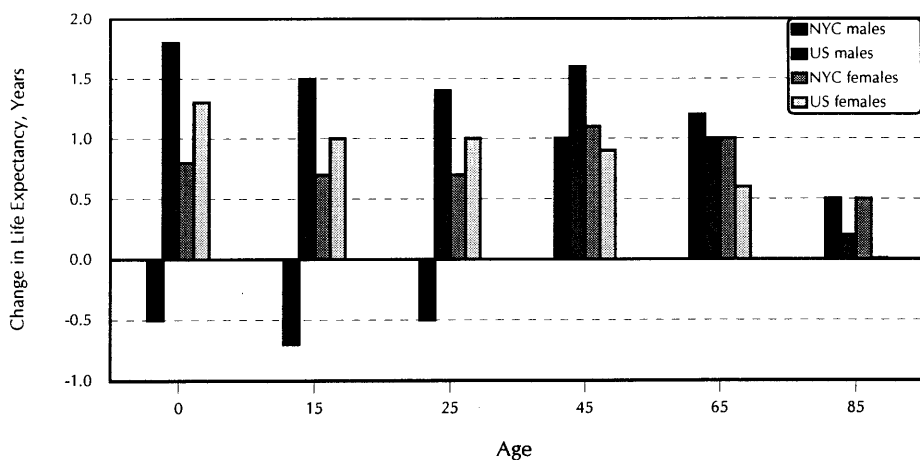
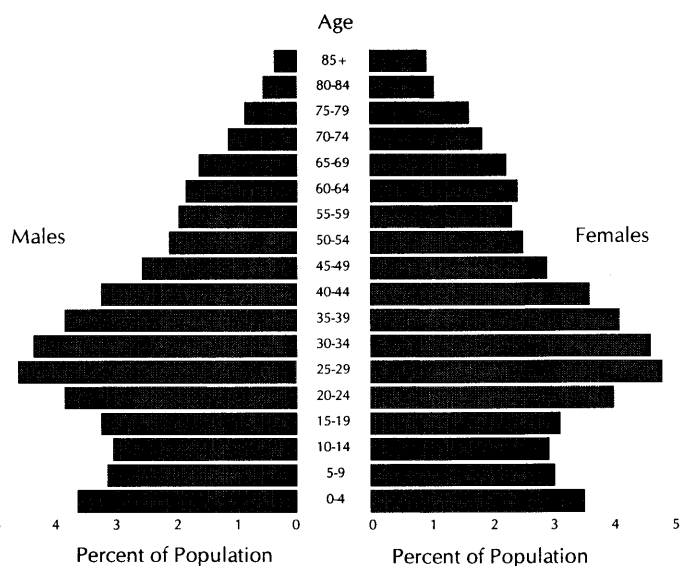


Figure 3. Changes in Life Expectancy at Selected Ages by Sex, 1980 and 1990 New York City and United States

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.

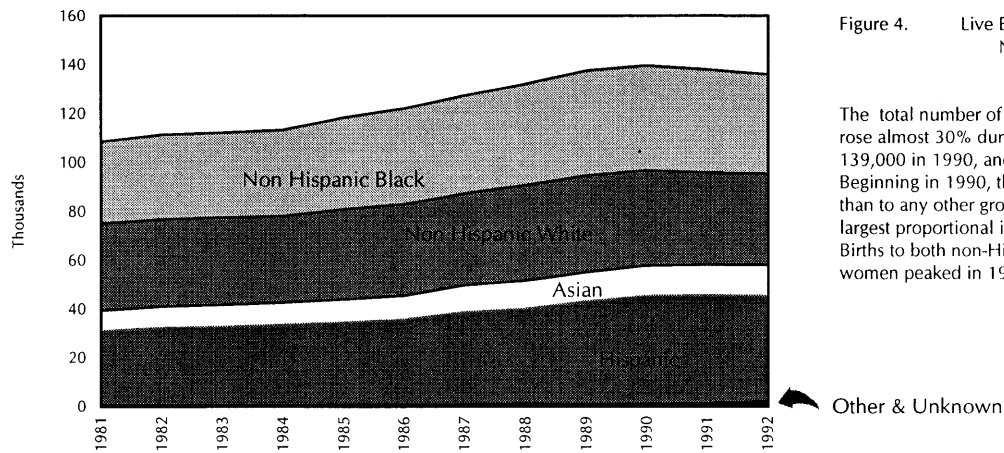


Figure 4. Live Births by Mother's Ethnic Group
New York City, 1981-1992

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 2.6% in 1992 to 136,000. Beginning in 1990, there were more births to Hispanic women than to any other group. Births to Asian mothers showed the largest proportional increase from 1981 to 1992, almost 50%. Births to both non-Hispanic black and non-Hispanic white women peaked in 1989, and declined slightly thereafter.

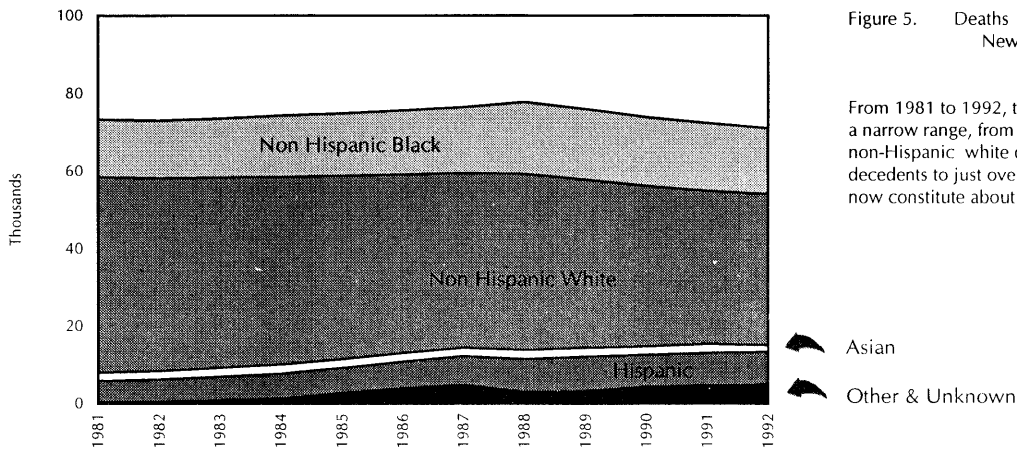


Figure 5. Deaths by Ethnic Group of Decedent
New York City, 1981-1992

From 1981 to 1992, 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.

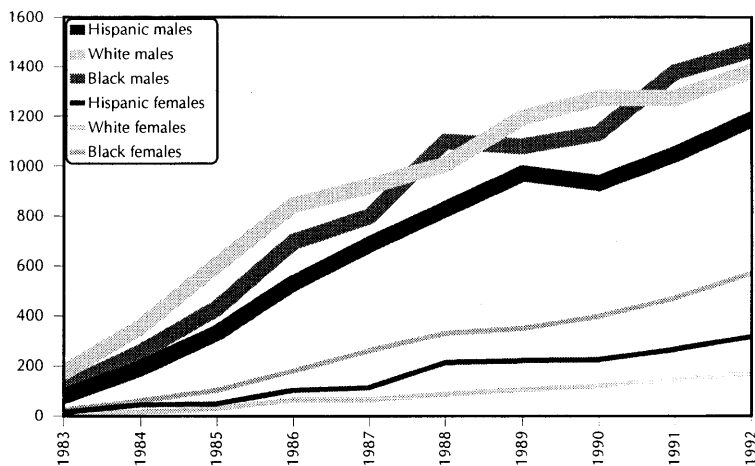


Figure 6. Deaths Due to AIDS by Sex and Selected Ethnic Group
New York City, 1983-1992

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 ⁽¹⁾)	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 ⁽²⁾	**	**	**	**	**	**	**	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).....	**	**	**	**	**	**	**	**	**	225	174
Rate.....	**	**	**	**	**	**	**	**	**	2.9	2.2
Acquired immunodeficiency syndrome (042) ⁽³⁾	**	**	**	**	**	**	**	**	**	**	**
Rate.....	**	**	**	**	**	**	**	**	**	**	**
Measles (055).....	616	925	630	559	405	255	107	31	14	16	10
Rate ⁽⁴⁾	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 ⁽⁵⁾	**	**	**	**	**	**	**	**	**	**	**
Rate.....	**	**	**	**	**	**	**	**	**	**	**
Motor vehicle accidents (E810-E825).....	**	**	253	658	929	1,175	1,167	920	728	635	600
Rate.....	**	**	5.0	12.0	15.0	17.5	16.4	12.5	9.6	8.2	7.6
Home Accidents.....	**	**	**	**	**	**	**	1,546	1,823	1,941	1,699
Rate.....	**	**	**	**	**	**	**	21.0	24.0	25.0	21.4
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 = $\frac{\text{fetal deaths 28 weeks and over} + \text{infant deaths under 7 days}}{\text{live births}} \times 1,000$

(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, 1901-1992

AVERAGE													
1952-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986	1987	1988	1989	1990	1991	1992
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
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
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
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
2,713	2,909	2,922	2,351	1,480	1,131	927	909	977	1,027	1,039	908	896	783
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
2,310	2,362	2,276	1,885	1,288	835	719	643	741	689	721	696	648	970
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
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
102	107	109	73	36	28	33	29	28	26	29	35	24	30
6.2	6.4	6.6	5.0	3.1	2.6	2.9	2.4	2.2	2.0	2.1	2.5	0.3	2.2
1,178	824	624	432	235	141	125	160	154	200	173	182	197	155
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
97	52	43	39	32	22	35	26	65	46	63	74	57	45
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
**	**	**	**	**	**	768 ⁽⁶⁾	2,650	3,159	3,739	4,193	4,479	5,019	5,592
12	12	8	2	1	0	0	0	0	0	0	3	6	1
1.8	1.8	1.1	0.2	0.2	-	-	-	-	-	-	-	0.1	-
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
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
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
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
228	261	303	474	777	970	1,169	1,289	1,313	1,275	1,318	1,378	1,403	1,420
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
556	573	509	447	372	381	383	689	791	931	970	699	450	327
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
81	96	263	551	677	414	573	767	956	1,208	591	413	781	803
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
**	**	**	**	**	**	1	0	0	2	429	282	59	55
634	655	714	887	834	606	477	514	622	618	591	3.9	0.8	0.8
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
1,568	1,095	951	871	755	525	486	555	485	603	752	552	517	472
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
2,450	2,091	1,947	1,730	1,239	926	812	791	677	857	1,151	922	364	428
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
649	711	908	680	641	711	603	593	502	557	703	646	649	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
340	366	592	992	1,663	1,700	1,763	1,635	1,691	1,943	1,970	2,272	2,209	2,041
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
**	**	**	946	1,062	699	696	661	790	727	186	158	144	141
			10.9	13.9	9.7	9.7	9.2	10.9	10.0	2.5	2.2	2.0	1.9

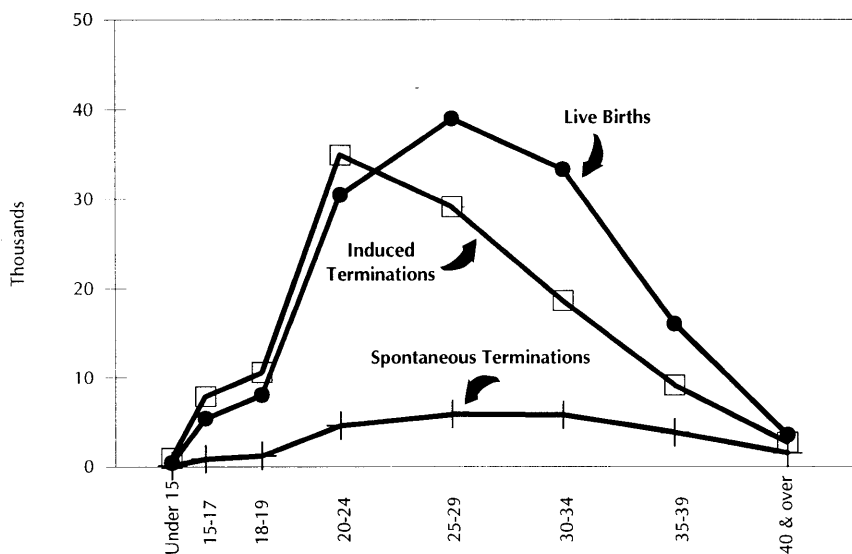


Figure 7. Live Births, Induced Terminations and Spontaneous Terminations of Pregnancy by Age of Woman
New York City, 1992

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 the level of 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.

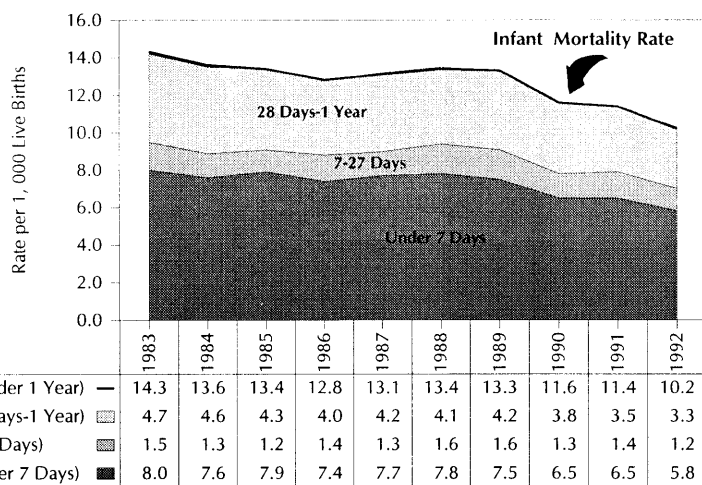


Figure 8. Infant, Neonatal and Post-neonatal Mortality Rates
New York City, 1983-1992

The New York City infant mortality rate has declined 20% since 1983. The largest drop, 13%, occurred from 1989 to 1990. About 55% of 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, 1992**

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	274,759	1,431	14,055	19,768	69,898	73,931	57,666	28,806	7,623	1,581
Live Births	136,002	398	5,359	8,038	30,416	38,956	33,273	16,001	3,487	74
Spontaneous Terminations	24,057	93	834	1,187	4,583	5,876	5,786	3,728	1,467	503
Induced Terminations	114,700	940	7,862	10,543	34,899	29,099	18,607	9,077	2,669	1,004
MANHATTAN	42,245	211	2,266	2,947	10,112	10,678	9,121	5,143	1,534	233
Live Births	21,447	69	968	1,222	4,236	5,442	5,517	3,170	812	11
Spontaneous Terminations	3,523	12	133	159	583	822	823	645	285	61
Induced Terminations	17,275	130	1,165	1,566	5,293	4,414	2,781	1,328	437	161
BRONX	53,665	363	3,460	4,810	15,506	14,629	9,418	4,279	927	273
Live Births	25,080	121	1,460	2,125	6,786	7,259	4,830	2,107	384	8
Spontaneous Terminations	4,470	25	211	295	1,014	1,129	960	564	195	77
Induced Terminations	24,115	217	1,789	2,390	7,706	6,241	3,628	1,608	348	188
BROOKLYN	88,231	503	4,743	6,565	23,892	23,478	17,443	8,742	2,436	429
Live Births	44,287	151	1,942	2,886	11,280	12,451	9,722	4,709	1,122	24
Spontaneous Terminations	7,825	41	284	418	1,607	1,928	1,813	1,131	474	129
Induced Terminations	36,119	311	2,517	3,261	11,005	9,099	5,908	2,902	840	276
QUEENS	55,494	199	2,310	3,526	13,500	15,936	12,396	5,784	1,497	346
Live Births	28,926	49	821	1,449	6,302	9,073	7,421	3,151	636	24
Spontaneous Terminations	4,327	12	117	186	795	1,086	1,092	694	244	101
Induced Terminations	22,241	138	1,372	1,891	6,403	5,777	3,883	1,939	617	221
RICHMOND	9,825	18	318	517	1,899	3,076	2,615	1,119	234	29
Live Births	6,454	3	130	226	1,028	2,220	1,953	767	126	1
Spontaneous Terminations	997	1	18	23	132	294	296	162	53	18
Induced Terminations	2,374	14	170	268	739	562	366	190	55	10
NON-RESIDENTS	18,897	97	621	910	3,240	4,561	5,507	3,074	788	99
Live Births	9,755	3	37	128	773	2,499	3,813	2,091	407	4
Spontaneous Terminations	1,162	.	4	24	96	221	395	277	120	25
Induced Terminations	7,980	94	580	758	2,371	1,841	1,299	706	261	70
RESIDENCE UNKNOWN	6,402	40	337	493	1,749	1,573	1,166	665	207	172
Live Births	53	2	1	2	11	12	17	6	-	2
Spontaneous Terminations	1,753	2	67	82	356	396	407	255	96	92
Induced Terminations	4,596	36	269	409	1,382	1,165	742	404	111	78

Table 19.

**Spontaneous Terminations of Pregnancy by Gestation and by Age of Woman
New York City, 1992**

Gestation in Weeks	Total	Age of Woman								40 & Over	Not Stated
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39			
Total	24,085	93	835	1,190	4,591	5,882	5,791	3,733	1,467	503	
Under 13	13,520	38	429	650	2,512	3,236	3,310	2,208	881	256	
13-15	2,685	15	118	149	557	672	623	361	146	44	
16-19	1,944	11	67	110	422	496	445	265	96	32	
20-27	1,570	8	83	65	325	433	389	199	54	14	
28 & Over	970	3	35	64	193	257	231	133	41	13	
Not Stated	3,396	18	103	152	582	788	793	567	249	144	

**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, 1992**

Borough of Residence/ Pregnancy Outcome	Total	Borough of Occurrence				
		Manhattan	Bronx	Brooklyn	Queens	Richmond
NEW YORK CITY	251,672	99,371	33,799	55,442	56,356	6,704
Live Births	136,002	42,023	22,389	38,178	26,937	6,475
Spontaneous Terminations	970	232	158	361	178	41
Induced Terminations	114,700	57,116	11,252	16,903	29,241	188
MANHATTAN	38,835	36,298	1,207	320	983	27
Live Births	21,447	20,451	613	158	200	25
Spontaneous Terminations	113	106	4	1	1	1
Induced Terminations	17,275	15,741	590	161	782	1
BRONX	49,376	18,265	29,533	370	1,198	10
Live Births	25,080	4,601	20,146	129	195	9
Spontaneous Terminations	181	35	144	1	1	-
Induced Terminations	24,115	13,629	9,243	240	1,002	1
BROOKLYN	80,791	21,844	277	50,225	7,979	466
Live Births	44,287	6,869	136	35,449	1,377	456
Spontaneous Terminations	385	36	-	339	6	4
Induced Terminations	36,119	14,939	141	14,437	6,596	6
QUEENS	51,346	9,541	363	2,200	39,197	45
Live Births	28,926	4,880	220	1,443	22,338	45
Spontaneous Terminations	179	22	1	4	152	-
Induced Terminations	22,241	4,639	142	753	16,707	-
RICHMOND	8,867	1,928	19	902	157	5,861
Live Births	6,454	274	8	471	47	5,654
Spontaneous Terminations	39	2	-	1	1	35
Induced Terminations	2,374	1,652	11	430	109	172
NON-RESIDENTS	17,762	9,477	1,964	758	5,276	287
Live Births	9,755	4,929	1,261	510	2,770	285
Spontaneous Terminations	27	12	4	-	11	-
Induced Terminations	7,980	4,536	699	248	2,495	2
RESIDENCE UNKNOWN	4,695	2,018	436	667	1,566	8
Live Births	53	19	5	18	10	1
Spontaneous Terminations	46	19	5	15	6	1
Induced Terminations	4,596	1,980	426	634	1,550	6

**Table 21. Live Births by Ancestry of Mother and Borough of Residence
New York City, 1992**

Ancestry of Mother	Total	Borough of Residence						
		Manhattan	Bronx	Brooklyn	Queens	Richmond	Non-Residents	Residence Unknown
Total	136,002	21,447	25,080	44,287	28,926	6,454	9,755	53
Puerto Rican	17,856	2,618	7,598	5,225	1,659	399	353	4
Dominican	11,725	4,453	3,568	1,841	1,693	22	142	6
Colombian	1,835	111	60	169	1,412	29	53	1
Ecuadorian	2,015	228	354	445	928	18	42	-
Mexican	3,933	620	760	1,380	1,052	78	41	2
Cuban	456	85	83	73	122	23	70	-
Other Hispanic	5,592	540	966	1,551	2,150	188	194	3
African-American	26,239	4,001	6,064	10,448	4,470	700	539	17
American	8,781	978	350	3,499	1,653	934	1,365	2
Guyanese	2,038	32	252	852	844	9	47	2
Haitian	2,658	109	56	1,796	604	7	86	-
Jamaican	3,292	76	789	1,549	773	20	85	-
Trinidadian	1,243	15	63	787	342	13	23	-
Other North, Central and South American	4,586	399	881	2,413	684	29	178	2
English	1,466	601	59	273	120	46	367	-
German	1,809	422	98	296	389	155	449	-
Irish	4,495	564	400	883	863	799	986	-
Italian	6,902	439	484	1,742	1,240	1,826	1,171	-
Polish	1,399	205	28	556	285	82	243	-
Russian	1,919	445	44	771	287	25	345	2
Other European	2,229	714	74	533	323	123	461	1
Chinese	4,086	1,005	89	1,402	1,247	72	269	2
Asian Indian	1,733	111	126	220	1,069	80	127	-
Korean	1,314	97	60	106	868	42	138	3
Filipino	1,161	186	104	155	490	63	161	2
Other Asian	4,394	579	312	1,673	1,381	102	347	-
Other and Not Stated	10,846	1,814	1,358	3,649	1,978	570	1,473	4

Figure 9.

**Marriages, Births and Deaths by Month and Average Per Day
New York City, 1992**

MONTHS	NUMBER			AVERAGE PER DAY		
	MARRIAGES	BIRTHS	DEATHS	MARRIAGES	BIRTHS	DEATHS
January	4,979	11,613	6,938	161	375	224
February	4,943	10,708	5,761	177	382	206
March	5,620	11,299	6,070	181	364	196
April	6,353	10,912	5,646	212	364	188
May	6,091	11,380	5,924	196	367	191
June	6,872	11,328	5,576	229	378	186
July	6,623	12,096	5,681	214	390	183
August	7,070	11,544	5,613	228	372	181
September	6,735	11,296	5,482	225	377	183
October	5,955	11,509	5,986	192	371	193
November	5,368	10,738	5,794	179	358	193
December	5,338	11,579	6,530	172	374	211
Total	71,947	136,002	71,001	197	373	195

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

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

Rank	BOYS							
	1898	1928	1948	1980	1985	1990	1991	1992
1	John	John	Robert	Michael	Michael	Michael	Michael	Mic
2	William	William	John	David	Christopher	Christopher	Christopher	Chri
3	Charles	Joseph	James	Jason	Daniel	Jonathan	Jonathan	Jona
4	George	James	Michael	Joseph	David	Anthony	Anthony	Ant
5	Joseph	Richard	William	Christopher	Anthony	David	Joseph	Jose
6	Edward	Edward	Richard	Anthony	Joseph	Daniel	Daniel	Dan
7	James	Robert	Joseph	John	Jonathan	Joseph	David	Dav
8	Louis	Thomas	Thomas	Daniel	Jason	Matthew	Matthew	Kevi
9	Francis	George	Stephen	Robert	John	John	Kevin	Matt
10	Samuel	Louis	David	James	Robert	Andrew	John	John

Table 22.

**Selected Characteristics of Live Births by Age of Mother
New York City, 1992**

	Total	Age of Mother								
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40 & Over	Not Stated
Total Live Births	136,002	398	5,359	8,038	30,416	38,956	33,273	16,001	3,487	74
Sex										
Male	69,499	187	2,771	4,107	15,612	20,038	16,908	8,130	1,716	30
Female	66,503	211	2,588	3,931	14,804	18,918	16,365	7,871	1,771	44
Race of Child										
White	80,256	183	2,801	4,411	17,658	22,773	20,035	10,023	2,342	30
Black	43,649	211	2,467	3,413	10,936	12,081	9,318	4,333	861	29
American Indian	513	1	15	22	106	184	130	42	13	-
Chinese	3,563	-	5	23	405	1,271	1,261	509	86	3
Japanese	300	-	-	3	14	80	113	75	15	-
Filipino	1,122	-	2	15	76	235	444	305	43	2
Other	6,599	3	69	151	1,221	2,332	1,972	714	127	10
Race of Child for Mothers of Hispanic Ancestry Only	43,412	183	2,585	3,667	12,410	12,406	8,013	3,398	732	18
White	40,710	164	2,458	3,457	11,743	11,603	7,442	3,148	677	18
Black	2,617	19	125	205	649	774	552	240	53	-
American Indian	10	-	2	1	2	5	-	-	-	-
Chinese	1	-	-	-	-	-	1	-	-	-
Japanese	-	-	-	-	-	-	-	-	-	-
Filipino	1	-	-	-	-	-	-	-	1	-
Other	73	-	-	4	16	24	18	10	1	-
Birth Order This Child (Live Births only)										
First	59,906	369	4,638	5,779	15,738	16,376	11,365	4,643	972	26
Second	38,914	28	640	1,769	9,178	11,586	10,285	4,530	874	24
Third	20,166	-	74	391	3,756	6,161	6,091	3,117	564	12
Fourth	8,728	-	6	81	1,190	2,767	2,761	1,563	354	6
Fifth	3,965	-	1	15	388	1,216	1,303	818	222	2
Sixth or more	4,323	1	-	3	166	850	1,468	1,330	501	4
Weight at Delivery										
Under 500 grams	211	2	6	7	49	59	55	28	4	1
500-999 grams	1,012	6	41	45	214	288	266	138	13	1
1000-1499 grams	1,334	5	61	71	288	351	338	173	47	-
1500-1999 grams	2,417	9	111	138	439	656	642	350	70	2
2000-2499 grams	7,495	46	410	475	1,606	2,073	1,743	955	183	4
2500-2999 grams	25,740	111	1,319	1,866	6,086	7,206	5,732	2,790	620	10
3000-3499 grams	51,651	159	2,199	3,342	12,138	14,699	12,251	5,611	1,220	32
3500-3999 grams	35,065	52	1,018	1,712	7,626	10,297	9,061	4,347	939	13
4000-4499 grams	9,289	8	169	331	1,676	2,791	2,662	1,329	316	7
4500-4999 grams	1,551	-	22	44	252	469	456	244	64	-
5000 grams & over	195	-	2	7	34	52	57	32	11	-
Not stated	42	-	1	-	8	15	10	4	-	4
Plurality										
Single	132,240	398	5,290	7,907	29,778	37,894	32,097	15,405	3,398	73
Twin	3,576	-	69	130	620	1,001	1,122	546	87	1
Triplet	163	-	-	1	18	49	43	50	2	-
Quadruplet	23	-	-	-	-	12	11	-	-	-
Place of Birth										
Home	139	1	-	7	14	39	48	23	7	-
Hospital										
Voluntary/Private Service	58,934	29	529	988	7,668	17,994	19,381	10,059	2,260	26
Voluntary/General Service	43,972	223	2,842	4,027	13,058	12,000	7,761	3,355	683	23
Municipal	31,570	142	1,921	2,903	9,352	8,556	5,749	2,420	512	15
Maternity Center	363	-	23	26	83	95	94	37	5	-
Other	1,024	3	44	87	241	272	240	107	20	10
Attendant										
Physician	123,418	348	4,537	6,900	26,637	35,546	31,057	15,033	3,290	70
Nurse/Midwife	12,413	49	817	1,126	3,726	3,362	2,179	955	196	3
Other	171	1	5	12	53	48	37	13	1	1
Financial Coverage										
Self	10,939	42	376	643	2,460	3,238	2,628	1,253	293	6
Medicaid	66,015	304	4,313	6,304	20,198	17,686	11,350	4,838	996	26
Third Party	46,144	29	320	583	5,285	13,907	15,806	8,323	1,873	18
HMO	9,624	14	227	308	1,737	3,184	2,661	1,233	253	7
Not stated	3,280	9	123	200	736	941	828	354	72	17
First Visit for Prenatal Care										
Early (1-6 months)	102,461	213	3,503	5,335	21,409	29,914	26,438	12,846	2,756	47
Late (7-9 months)	10,800	67	722	1,043	3,191	2,852	1,921	817	184	3
No Care	5,596	44	326	482	1,442	1,605	1,117	472	94	14
Not stated	17,145	74	808	1,178	4,374	4,585	3,797	1,866	453	10
Years of Education										
None	118	1	3	7	39	37	17	9	5	-
1-8	8,238	218	650	622	2,058	2,052	1,594	833	206	5
9-12	76,175	127	4,367	6,484	20,665	21,574	14,957	6,573	1,382	46
13 & over	45,867	-	21	543	6,285	13,796	15,419	8,028	1,761	14
Not stated	5,604	52	318	382	1,369	1,497	1,286	558	133	9
Wedlock										
In wedlock	75,127	22	527	1,637	12,587	23,852	22,999	11,059	2,408	36
Out of wedlock	60,875	376	4,832	6,401	17,828	15,104	10,274	4,942	1,079	39
Birthplace of Mother										
United States other than Puerto Rico	71,176	296	3,835	5,082	16,522	18,611	16,764	8,262	1,776	28
Puerto Rico	5,420	28	322	437	1,359	1,624	948	524	175	3
Foreign	58,707	70	1,171	2,472	12,338	18,532	15,435	7,140	1,521	28
Not stated	699	4	31	47	197	189	126	75	15	15

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, 1992**

	Total	Ethnic Group of Mother						Not Stated
		Puerto Rican	Other Hispanic	Asian	Other White	Other Black	Other	
Total live Births	136,002	17,856	25,556	12,688	37,102	40,662	666	1,472
Sex								
Male	69,499	9,123	12,918	6,560	19,144	20,653	349	752
Female	66,503	8,733	12,638	6,128	17,958	20,009	317	720
Birth Order This Child (Live Births only)								
First	59,906	7,100	11,060	6,256	18,166	16,307	307	710
Second	38,914	5,069	7,341	4,020	10,937	10,911	224	412
Third	20,166	3,086	4,383	1,459	4,408	6,554	88	188
Fourth	8,728	1,457	1,753	464	1,562	3,392	21	79
Fifth	3,965	624	591	207	711	1,779	11	42
Sixth or more	4,323	520	428	282	1,318	1,719	15	41
Weight at Delivery								
Under 500 grams	211	32	27	10	25	109	-	8
500-999 grams	1,012	138	119	43	147	544	6	15
1000-1499 grams	1,334	186	151	69	255	642	10	21
1500-1999 grams	2,417	322	337	142	474	1,096	13	33
2000-2499 grams	7,495	1,180	1,043	579	1,423	3,129	38	103
2500-2999 grams	25,740	3,874	4,225	2,613	5,524	9,011	157	336
3000-3499 grams	51,651	6,871	10,053	5,371	13,832	14,709	260	555
3500-3999 grams	35,065	4,091	7,326	3,091	11,400	8,714	149	294
4000-4499 grams	9,289	983	1,941	651	3,379	2,219	28	88
4500-4999 grams	1,551	158	294	102	579	401	5	12
5000 grams & over	195	16	35	16	59	68	-	1
Not stated	42	5	5	1	5	20	-	6
Plurality								
Single	132,240	17,393	25,082	12,427	35,757	39,486	659	1,436
Twin	3,576	437	463	255	1,235	1,143	7	36
Triplet	163	26	8	6	90	33	-	-
Quadruplet or more	23	-	3	-	20	-	-	-
Apgar Score at 5 Minutes								
6 or less	1,906	264	287	106	305	904	9	31
7	1,863	215	289	93	520	717	12	17
8	6,636	843	1,128	409	1,867	2,295	27	67
9	85,459	11,966	17,561	7,508	20,597	26,709	351	767
10	38,629	4,389	6,094	4,507	13,627	9,183	262	567
Not stated	1,509	179	197	65	186	854	5	23
Place of Birth								
Home	139	9	6	7	66	47	3	1
Hospital								
Voluntary/Private Service	58,934	4,085	4,064	7,664	30,105	12,021	347	648
Voluntary/General Service	43,972	7,985	11,863	2,916	4,251	16,276	193	488
Municipal	31,570	5,542	9,404	2,033	2,344	11,837	112	298
Maternity Center	363	70	47	13	123	104	6	-
Other	1,024	165	172	55	213	377	5	37
Attendant								
Physician	123,418	15,278	21,853	11,922	35,302	37,045	619	1,399
Nurse Midwife	12,413	2,560	3,663	749	1,754	3,569	47	71
Other	171	18	40	17	46	48	-	2
Financial Coverage								
Self	10,939	815	2,283	1,345	3,556	2,760	53	127
Medicaid	66,015	12,370	18,293	4,101	5,881	24,537	239	594
Third Party	46,144	3,167	3,347	6,037	25,007	7,896	249	441
HMO	9,624	1,156	918	833	2,072	4,424	81	140
Not stated	3,280	348	715	372	586	1,045	44	170
First Visit for Prenatal Care								
Early (1-6 months)	102,461	12,698	19,025	10,115	30,764	28,332	545	982
Late (7-9 months)	10,800	1,511	2,732	1,207	1,411	3,753	46	140
No Care	5,596	1,002	946	249	528	2,775	16	80
Not stated	17,145	2,645	2,853	1,117	4,399	5,802	59	270
Wedlock								
In wedlock	75,127	6,140	11,805	10,926	31,803	13,065	505	883
Out of wedlock	60,875	11,716	13,751	1,762	5,299	27,597	161	589
Years of Education								
None	118	-	54	19	3	42	-	-
1-8	8,238	1,047	4,548	914	587	1,045	48	49
9-12	76,175	12,570	15,188	6,198	15,137	25,962	399	721
13 & over	45,867	3,576	4,852	5,071	20,241	11,779	187	161
Not stated	5,604	663	914	486	1,134	1,834	32	541
Birthplace of Mother								
United States other than Puerto Rico	71,176	12,352	2,489	600	29,787	25,398	76	474
Puerto Rico	5,420	5,282	78	4	25	13	-	18
Foreign	58,707	183	22,916	12,068	7,193	14,868	586	893
Not stated	699	39	73	16	97	383	4	87
Spontaneous Terminations of Pregnancy 28 Weeks & Over								
Total	970	91	126	52	211	410	9	71
Sex								
Male	402	41	64	24	77	171	3	22
Female	385	39	48	25	87	158	5	23
Undetermined	183	11	14	3	47	81	1	26
Weight at Delivery								
Under 500 grams	229	14	21	5	64	96	2	27
500-999 grams	47	5	6	3	4	25	-	4
1000-1499 grams	107	14	12	4	22	51	2	2
1500-1999 grams	104	8	14	10	15	49	-	8
2000-2499 grams	107	11	13	5	20	51	1	6
2500 grams & over	120	12	18	9	23	45	2	11
Not stated	256	27	42	16	63	93	2	13

Table 24.

**Live Births by Selected Characteristics and Infant Deaths
by Health Center District of Residence, New York City, 1992**

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	Foreign Born	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	Mother									
NEW YORK CITY	136,002	18.6	13.1	18.8	43.2	44.0	9.2	12.1	44.8	48.5	1,390	10.2	941	6.9
MANHATTAN	21,447	14.4	12.2	28.1	41.9	49.6	9.6	13.2	48.2	52.5	184	8.6	119	5.5
Central Harlem	2,572	22.3	7.5	7.2	16.8	37.3	18.0	21.6	79.8	71.3	41	15.9	24	9.3
East Harlem	2,379	18.7	35.3	18.7	24.8	44.0	12.3	14.6	64.0	60.6	34	14.3	26	10.9
Kips Bay-Yorkville	2,319	9.8	1.6	4.3	31.9	64.5	6.5	3.6	13.7	6.7	9	3.9	7	3.0
Lower East Side	2,740	11.4	20.7	13.6	43.1	48.7	7.2	11.3	38.0	49.2	17	6.2	9	3.3
Lower West Side	2,732	9.3	7.2	9.7	36.1	60.5	7.8	10.2	28.5	23.9	14	5.1	10	3.7
Riverside	2,738	13.1	9.9	18.9	31.0	56.1	9.4	11.8	44.8	40.4	18	6.6	10	3.7
Washington Heights	5,967	22.4	8.6	69.6	70.5	43.6	8.0	15.5	57.1	79.2	51	8.5	33	5.5
BRONX	25,080	20.8	30.3	23.1	37.5	36.8	10.6	16.1	63.5	67.7	285	11.4	185	7.4
Fordham-Riverdale	4,670	19.0	27.9	30.0	46.6	40.9	8.8	11.9	54.7	62.5	43	9.2	31	6.6
Morrisania	4,050	28.0	30.2	23.0	31.2	36.1	12.9	21.2	74.4	77.6	53	13.1	32	7.9
Mott Haven	3,013	23.2	43.6	22.6	23.9	33.8	12.5	20.8	74.2	81.9	42	13.9	25	8.3
Pelham Bay	3,237	14.8	18.4	7.4	45.4	34.6	10.6	11.9	54.3	52.0	35	10.8	20	6.2
Tremont	5,512	28.9	30.1	32.0	41.3	36.5	10.4	18.8	71.5	76.8	63	11.4	43	7.8
Westchester	4,598	16.7	32.7	16.8	32.7	37.1	9.5	12.6	52.7	54.9	49	10.7	34	7.4
BROOKLYN	44,287	19.2	11.8	12.3	44.1	42.5	9.3	12.1	48.4	53.9	502	11.3	343	7.7
Bay Ridge	3,483	14.6	7.4	10.7	47.5	47.5	5.5	7.0	20.7	33.7	17	4.9	13	3.7
Bedford	4,914	21.1	3.2	4.9	40.0	40.3	12.7	17.8	68.7	61.9	78	15.9	51	10.4
Brownsville	5,840	21.0	11.8	7.5	36.9	41.4	12.3	12.7	65.0	61.5	85	14.6	58	9.9
Bushwick	4,586	25.1	29.8	26.8	39.7	43.2	10.3	16.8	65.5	75.7	60	13.1	35	7.6
Flatbush	9,423	18.8	3.5	7.5	60.2	42.8	8.1	10.1	42.3	44.4	102	10.8	68	7.2
Fort Greene	3,052	20.3	12.5	9.1	24.7	40.8	13.0	13.7	67.2	63.0	49	16.1	35	11.5
Gravesend	3,959	13.9	8.6	9.0	46.9	44.5	8.2	12.5	30.8	40.9	26	6.6	17	4.3
Red Hook-Gowanus	1,835	17.4	20.0	12.0	24.8	47.5	8.3	9.3	46.2	47.6	19	10.4	14	7.6
Sunset Park	3,957	23.2	16.6	22.4	48.8	42.4	6.4	7.8	30.9	48.1	36	9.1	28	7.1
Williamsburg-Greenpoint	3,238	20.8	20.9	22.5	38.9	37.7	7.1	12.1	38.0	64.6	30	9.3	24	7.4
QUEENS	28,926	14.8	5.7	25.4	59.4	48.2	8.2	12.7	37.3	40.8	249	8.6	175	6.0
Astoria-Long Island City	3,555	15.0	6.1	32.2	65.9	51.6	7.7	15.2	35.2	39.3	27	7.6	16	4.5
Corona	5,639	19.4	3.3	53.4	80.3	49.2	6.8	18.1	43.7	42.7	40	7.1	29	5.1
Flushing	4,882	10.7	3.7	17.6	60.8	51.0	6.8	9.3	20.0	25.4	30	6.1	19	3.9
Jamaica East	5,417	16.1	3.1	10.0	49.2	42.9	11.7	13.4	53.3	51.9	78	14.4	58	10.7
Jamaica West	6,018	16.7	9.0	21.1	49.9	44.8	8.9	10.4	41.2	50.0	53	8.8	39	6.5
Maspeth-Forest Hills	3,415	12.7	10.7	15.6	49.0	53.6	6.6	9.1	21.8	27.1	21	6.1	14	4.1
RICHMOND	6,454	17.0	6.2	5.5	17.3	42.9	6.8	2.4	20.3	22.2	43	6.7	29	4.5
NON-RESIDENTS	9,755	-	3.6	5.6	25.3	45.9	8.2	3.2	10.4	6.6	120	-	85	-
RESIDENCE UNKNOWN	53	-	7.5	22.6	45.3	41.5	13.2	37.7	60.4	50.9	7	-	5	-

*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, 1992**

Ancestry of Mother	Live Births	Percent of Live Births with Specified Characteristics						
		Foreign Born Mother	First Live Birth	Under 2,500 Grams	Late or No Prenatal Care	Out of Wedlock	On Medicaid	Teenage Mother
Total	136,002	43.2	44.0	9.2	12.1	44.8	48.5	10.1
Puerto Rican	17,856	1.0	39.8	10.4	14.1	65.6	69.3	20.0
Dominican	11,725	91.3	42.2	6.6	14.5	55.5	80.1	10.7
Colombian	1,835	95.7	49.0	5.2	13.2	48.9	51.1	5.0
Ecuadorian	2,015	94.5	39.2	5.9	13.4	40.4	63.4	6.7
Mexican	3,933	97.2	44.0	5.5	18.0	65.1	81.6	19.5
Cuban	456	60.1	42.8	10.5	8.8	33.1	30.9	5.9
Other Hispanic	5,592	79.6	44.7	7.5	12.8	50.5	59.7	10.4
African-American	26,239	5.4	40.5	15.5	17.6	75.1	62.4	18.0
American	8,781	3.7	45.8	6.9	6.3	18.4	20.6	5.7
Guyanese	2,038	99.3	45.2	12.0	11.8	38.0	49.1	8.9
Haitian	2,658	97.1	40.1	8.2	12.3	43.9	57.3	4.2
Jamaican	3,292	97.4	38.9	9.5	11.4	63.9	58.8	8.8
Trinidadian	1,243	98.6	41.4	9.8	14.5	57.0	60.9	7.7
All Other North, Central and South American	4,586	94.1	41.6	9.7	12.2	51.6	51.6	6.2
English	1,466	24.1	55.4	6.1	3.3	16.1	8.2	0.7
German	1,809	10.5	52.1	6.3	3.9	17.0	10.6	2.5
Irish	4,495	7.8	48.8	5.4	3.0	13.7	11.5	2.3
Italian	6,902	10.6	48.7	6.1	3.0	11.1	10.5	2.5
Polish	1,399	43.9	55.7	5.7	8.7	15.1	26.2	2.1
Russian	1,919	48.8	55.5	5.9	8.6	16.3	24.3	3.1
Other European	2,229	34.7	53.3	6.1	5.1	13.9	11.6	1.7
Chinese	4,086	94.6	52.4	4.7	8.8	12.1	28.0	0.9
Asian Indian	1,733	97.7	48.9	10.5	14.5	17.8	26.3	2.4
Korean	1,314	98.3	59.3	5.1	16.8	8.2	38.1	0.5
Filipino	1,161	96.9	52.3	8.3	6.1	15.5	11.2	1.6
Other Asian	4,394	93.1	42.8	7.0	12.6	15.3	42.5	4.2
Other & Not Stated	10,846	41.4	44.4	8.0	9.6	22.7	26.1	3.9

Table 26.

**Live Births to Teenagers by Selected Characteristics and Infant Deaths
by Health Center District of Residence, New York City, 1992**

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	13,795	10.1	25.9	20.8	26.9	78.2	10.4	19.5	84.2	79.2	152	11.0	84	6.1
MANHATTAN	2,259	10.5	24.3	34.9	29.4	79.3	11.0	21.0	86.4	84.2	21	9.3	8	3.5
Central Harlem	432	16.8	8.3	6.3	12.5	78.5	12.7	22.7	94.9	83.8	4	9.3	2	4.6
East Harlem	381	16.0	44.4	22.3	19.2	77.4	13.4	19.2	89.0	78.7	3	7.9	2	5.2
Kips Bay-Yorkville	48	2.1	20.8	10.4	22.9	95.8	16.7	22.9	79.2	70.8	-	-	-	-
Lower East Side	253	9.2	45.1	25.3	19.8	77.9	9.9	16.2	81.0	86.2	4	15.8	2	7.9
Lower West Side	162	5.9	25.9	19.8	23.5	84.6	9.3	25.9	84.0	62.3	-	-	-	-
Riverside	219	8.0	25.1	31.5	21.0	83.1	13.2	25.1	87.7	83.6	2	9.1	-	-
Washington Heights	764	12.8	16.2	66.2	51.4	78.0	8.6	20.2	82.6	92.0	8	10.5	2	2.6
BRONX	3,706	14.8	43.8	16.7	19.6	72.8	11.3	19.0	86.6	83.1	43	11.6	27	7.3
Fordham-Riverdale	558	11.9	41.6	25.4	28.5	76.3	10.4	14.9	82.6	79.7	6	10.8	4	7.2
Morrisania	753	18.6	40.6	13.9	15.7	74.1	10.9	22.6	88.3	83.7	8	10.6	5	6.6
Mott Haven	614	20.4	54.4	13.7	11.6	73.6	11.6	19.2	87.8	87.1	10	16.3	6	9.8
Pelham Bay	322	9.9	28.3	7.1	27.6	59.9	13.7	19.9	85.1	76.7	3	9.3	1	3.1
Tremont	901	16.3	44.6	20.8	21.5	75.0	10.9	18.8	88.3	87.0	10	11.1	7	7.8
Westchester	558	12.1	46.1	13.8	17.4	70.6	12.0	17.9	84.8	78.7	6	10.8	4	7.2
BROOKLYN	4,979	11.2	22.1	13.7	26.2	81.1	9.9	19.3	84.7	79.3	67	13.5	36	7.2
Bay Ridge	188	5.4	18.1	26.1	40.4	80.9	8.0	13.8	63.3	70.2	2	10.6	2	10.6
Bedford	707	14.4	5.0	3.4	20.2	82.6	12.9	24.5	94.1	76.4	17	24.0	11	15.6
Brownsville	872	14.9	19.5	7.0	17.8	80.2	10.6	16.9	91.1	81.2	11	12.6	6	6.9
Bushwick	784	17.1	40.1	17.5	18.9	77.2	11.6	18.6	87.0	84.6	6	7.7	2	2.6
Flatbush	709	7.5	8.5	9.7	47.1	85.0	8.6	21.6	81.9	73.9	6	8.5	3	4.2
Fort Greene	484	15.9	18.8	10.5	14.0	77.9	12.2	20.2	92.1	85.5	9	18.6	4	8.3
Gravesend	302	7.6	17.2	13.9	31.1	82.8	9.9	23.5	80.5	72.5	-	-	-	-
Red Hook-Gowanus	185	10.1	36.2	16.2	18.4	79.5	6.5	16.2	84.9	83.8	5	27.0	2	10.8
Sunset Park	386	9.8	35.5	32.1	39.4	86.0	5.7	13.2	67.6	75.9	6	15.5	2	5.2
Williamsburg-Greenpoint	362	11.2	38.7	26.5	27.6	80.1	6.1	17.7	74.0	83.4	5	13.8	4	11.0
QUEENS	2,319	8.0	9.1	30.2	39.7	79.9	9.4	20.9	79.9	71.1	16	6.9	8	3.4
Astoria-Long Island City	293	8.2	10.2	39.2	45.4	83.3	8.2	23.5	73.0	61.8	1	3.4	-	-
Corona	480	8.5	3.1	65.4	62.3	81.5	9.2	25.6	80.6	60.4	2	4.2	-	-
Flushing	156	3.2	9.0	34.6	52.6	83.3	6.4	16.0	64.7	55.1	1	6.4	1	6.4
Jamaica East	612	11.3	4.6	8.3	27.0	78.4	10.8	19.6	87.4	77.0	7	11.4	4	6.5
Jamaica West	619	10.3	14.2	19.9	28.4	77.5	9.5	18.7	81.6	83.0	5	8.1	3	4.8
Maspeth-Forest Hills	159	4.7	23.3	27.7	41.5	79.9	10.1	19.5	70.4	66.7	-	-	-	-
RICHMOND	359	5.6	17.3	10.6	15.3	76.0	8.4	8.1	75.5	70.2	3	8.4	3	8.4
NON-RESIDENTS	168	1.7	14.9	20.8	22.0	75.6	11.3	19.0	61.9	51.8	2	-	2	-
RESIDENCE UNKNOWN	5	9.4	20.0	-	60.0	80.0	20.0	40.0	100.0	60.0	-	-	-	-

*Rate per 1,000 live births to teenagers.

Table 27.

Live Births to Teenagers by Selected Characteristics, New York City, 1981-1992

	YEAR											
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
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
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
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
Percent of Births with Specified Characteristics:												
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
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
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
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
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
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
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
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

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

Table 28.

**Maternal Risk Factors by Health Center District of Residence
New York City, 1992**

Health Center District	Total Live Births	Number of Maternal Risk Factors*			
		None	One	Two	Three
		%	%	%	%
NEW YORK CITY	136,002	43.9	35.6	17.5	3.0
MANHATTAN	21,447	41.6	36.5	18.7	3.2
Central Harlem	2,572	14.5	44.5	35.3	5.6
East Harlem	2,379	26.7	38.8	28.8	5.8
Kips Bay-Yorkville	2,319	74.7	20.8	3.7	0.7
Lower East Side	2,740	51.5	33.2	13.5	1.8
Lower West Side	2,732	60.0	27.9	10.1	2.0
Riverside	2,738	45.2	34.9	17.3	2.6
Washington Heights	5,967	31.6	44.4	20.4	3.7
BRONX	25,080	25.9	41.1	28.0	5.1
Fordham-Riverdale	4,670	32.4	41.4	22.7	3.5
Morrisania	4,050	16.2	41.4	35.1	7.4
Mott Haven	3,013	17.0	43.1	33.8	6.1
Pelham Bay	3,237	34.4	40.6	21.4	3.6
Tremont	5,512	18.1	42.3	33.5	6.1
Westchester	4,598	36.9	38.0	21.4	3.7
BROOKLYN	44,287	38.5	39.9	18.5	3.2
Bay Ridge	3,483	63.0	28.3	7.7	0.9
Bedford	4,914	23.6	43.4	28.0	5.0
Brownsville	5,840	26.1	44.1	25.5	4.3
Bushwick	4,586	25.2	43.0	27.0	4.8
Flatbush	9,423	42.0	42.0	13.8	2.2
Fort Greene	3,052	26.2	43.3	25.3	5.3
Gravesend	3,959	50.8	33.2	13.8	2.2
Red Hook-Gowanus	1,835	45.2	37.4	15.1	2.2
Sunset Park	3,957	47.7	39.2	11.2	1.9
Williamsburg-Greenpoint	3,238	47.6	35.6	14.2	2.5
QUEENS	28,926	50.6	33.9	13.5	2.1
Astoria-Long Island City	3,555	49.8	34.2	13.8	2.2
Corona	5,639	42.2	38.3	16.9	2.6
Flushing	4,882	67.7	24.5	7.1	0.7
Jamaica East	5,417	37.3	41.7	18.1	2.8
Jamaica West	6,018	48.5	34.8	14.3	2.4
Maspeth-Forest Hills	3,415	65.2	25.6	7.9	1.2
RICHMOND	6,454	74.2	19.4	5.7	0.7
NON-RESIDENTS	9,755	79.9	16.7	2.9	0.5
RESIDENCE UNKNOWN	53	28.3	30.2	35.8	5.7

*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
Number of Maternal Risk Factors and Birth Weight
New York City, 1992**

NUMBER OF MATERNAL RISK FACTORS	TOTAL ⁽¹⁾			LESS THAN 2,500 GRAMS			2,500 GRAMS AND OVER		
	Infant Deaths			Infant Deaths			Infant Deaths		
	Births	Number	Rate ⁽³⁾	Births	Number	Rate ⁽³⁾	Births	Number	Rate ⁽³⁾
None	59,688	333	5.6	3,880	221	57.0	55,798	109	2.0
One	48,473	519	10.7	4,729	389	82.3	43,729	128	2.9
Two	23,785	383	16.1	3,363	286	85.0	20,406	90	4.4
Three	4,056	71	17.5	497	43	86.5	3,558	27	7.6
Unmatched ⁽²⁾	-	84	-	-	-	-	-	-	-
Total	136,002	1,390	10.2	12,469	939	75.3	123,491	354	2.9

(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 and Race, New York City, 1992

Birth Weight in Grams	Live Births				Infant Deaths														
					Under One Year					Under 28 Days				Under 7 Days					
	Total	White	Black	Other	Total	White	Black	Other	Not Stated	Total	White	Black	Other	Not Stated	Total	White	Black	Other	Not Stated
Less than 500	211	85	110	16	183	80	93	5	5	180	79	91	5	5	175	76	89	5	5
500-999	1,012	398	560	54	455	183	256	3	13	374	159	202	2	11	324	137	176	1	10
1000-1499	1,334	594	663	77	116	58	56	1	1	84	46	36	1	1	69	40	28	1	-
1500-1999	2,417	1,116	1,136	165	92	39	50	1	2	59	30	27	-	2	36	18	18	-	-
2000-2499	7,495	3,626	3,294	575	93	43	43	5	2	45	24	17	4	-	36	20	12	4	-
Less than 2500	12,469	5,819	5,763	887	939	403	498	15	23	742	338	373	12	19	640	291	323	11	15
2500-2999	25,740	13,564	9,596	2,580	135	59	65	6	5	59	27	27	4	1	38	20	15	2	1
3000-3499	51,651	30,674	15,840	5,137	123	60	56	6	1	45	20	21	4	-	33	13	17	3	-
3500-3999	35,065	22,765	9,506	2,794	73	37	32	2	2	34	20	12	1	1	23	12	9	1	1
4000-4499	9,289	6,274	2,421	594	19	12	5	1	1	7	5	1	-	1	5	4	1	-	-
4500-4999	1,551	1,032	432	87	2	-	1	1	-	1	-	-	1	-	1	-	-	1	-
5000 & over	195	113	71	11	2	-	2	-	-	2	-	2	-	-	2	-	2	-	-
2500 & over	123,491	74,422	37,866	11,203	354	168	161	16	9	148	72	63	10	3	102	49	44	7	2
Not stated	42	15	20	7	13	5	7	-	1	13	5	7	-	1	12	5	6	-	1
Unmatched*	-	-	-	-	84	46	23	-	15	38	23	7	-	8	29	14	7	-	8
Total	136,002	80,256	43,649	12,097	1,390	622	689	61	18	941	438	450	22	31	783	359	380	18	26

*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 and Race, New York City, 1992

Birth Weight in Grams	Under One Year				Under 28 Days				Under 7 Days			
	Total	White	Black	Other	Total	White	Black	Other	Total	White	Black	Other
Less than 500	867.3 *	**	845.5	**	853.1	**	827.3	**	829.4	**	809.1	**
500-999	449.6	459.8	457.1	**	369.6	399.5	360.7	**	320.2	344.2	314.3	**
1000-1499	87.0	97.6	84.5	**	63.0	77.4	54.3	**	51.7	67.3	42.2	**
1500-1999	38.1	34.9	44.0	18.2	24.4	26.9	23.8	12.1	14.9	16.1	15.8	-
2000-2499	12.4	11.9	13.1	12.2	6.0	6.6	5.2	7.0	4.8	5.5	3.6	7.0
Less than 2500	75.3	69.3	86.4	42.8	59.5	58.1	64.7	34.9	51.3	50.0	56.0	29.3
2500-2999	5.2	4.3	6.8	4.3	2.3	2.0	2.8	1.9	1.5	1.5	1.6	1.2
3000-3499	2.4	2.0	3.5	1.4	0.9	0.7	1.3	0.8	0.6	0.4	1.1	0.6
3500-3999	2.1	1.6	3.4	1.4	1.0	0.9	1.3	0.7	0.7	0.5	0.9	0.7
4000-4499	2.0	1.9	2.1	3.4	0.8	0.8	0.4	1.7	0.5	0.6	0.4	-
4500-4999	1.3	-	2.3	**	0.6	-	-	**	0.6	-	-	**
5000 & over	10.3	-	**	**	10.3	-	**	**	10.3	-	**	**
2500 & over	2.9	2.3	4.3	2.2	1.2	1.0	1.7	1.2	0.8	0.7	1.2	0.8
Total	10.2	7.8	15.8	6.5	6.9	5.5	10.3	4.4	5.8	4.5	8.7	3.6

* Rate per 1,000 live births. Births and deaths included here were reported in 1992 and do not represent a true birth cohort.

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

Table 31.

Infant Deaths by Age and Sex, by Race and by Cause, New York City, 1992

	Total Both Sexes	MALE			FEMALE		
		Under 7 Days	7 to 27 Days	28 Days & Over	Under 7 Days	7 to 27 Days	28 Days & Over
Total	1,390	449	92	252	334	66	197
Race of Child							
White	622	215	47	96	144	32	88
Black	689	206	39	142	174	31	97
Other and not stated	79	28	6	14	16	3	12
Cause of Death (ICD-9 Codes)							
Certain Gastrointestinal Diseases (008-009, 535, 555-558)	5	-	2	2	-	-	1
Acquired Immunodeficiency Syndrome (042)	11	-	1	6	-	-	4
Pneumonia and Influenza (480-487)	26	1	2	9	2	1	11
Congenital Anomalies (740-759)	278	83	35	51	48	21	40
Short Gestation and Low Birth Weight (765)	140	70	2	3	58	1	6
Birth Trauma (767)	7	-	2	3	1	1	-
Intrauterine Hypoxia and Birth Asphyxia (768)	19	9	-	4	6	-	-
Respiratory Distress Syndrome (769)	116	57	8	5	39	5	2
Respiratory Conditions of Newborn (770)	147	49	9	20	52	7	10
Neonatal Hemorrhage (772)	17	6	4	2	4	1	-
Other Conditions Originating in the Perinatal Period (Rest of 760-779)	341	156	19	15	111	24	16
Sudden Infant Death Syndrome (798.0)	114	4	4	59	-	1	46
Injuries (E800-E999)	27	2	1	13	1	-	10
All other causes	142	12	3	60	12	4	51

Table 32.

**Live Births, Infant and Maternal Mortality by Mother's Ethnic Group
New York City, 1981-1992**

Mother's Ethnic Group ⁽¹⁾	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Live Births, Total	108,547	111,487	112,353	113,332	118,542	122,108	127,386	132,226	137,673	139,630	138,148	136,002
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
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
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
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
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
Other & Unknown	677	448	392	473	829	858	885	1,314	930	1,247	2,181	2,138
Infant Deaths (Under 1 Year) ⁽²⁾ Total	1,678	1,706	1,603	1,540	1,591	1,566	1,673	1,770	1,827	1,620	1,575	1,390
Puerto Rican	265	296	244	263	226	240	240	241	257	238	211	194
Other Hispanic	133	154	141	133	139	156	182	186	219	195	187	170
Asian	80	74	75	76	76	63	65	79	93	67	76	73
Other White	439	409	388	363	368	323	350	353	321	300	278	194
Other Black	747	762	742	680	758	751	802	891	911	797	777	653
Other & Unknown	14	11	13	25	24	33	34	20	26	23	46	106
Infant Mortality Rate ⁽³⁾ Total	15.5	15.3	14.3	13.6	13.4	12.8	13.1	13.4	13.3	11.6	11.4	10.2
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
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
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
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
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
Neonatal Deaths (Under 28 Days) Total	1,144	1,173	1,070	1,014	1,082	1,078	1,139	1,232	1,253	1,091	1,089	941
Puerto Rican	169	198	166	165	141	157	157	159	172	155	138	138
Other Hispanic	88	110	102	97	100	117	134	133	153	136	136	120
Asian	58	52	47	53	45	47	42	59	60	44	45	50
Other White	318	301	274	267	268	254	251	264	238	222	201	139
Other Black	503	506	471	414	513	481	535	602	610	518	533	429
Neonatal Mortality Rate ⁽³⁾ Total	10.5	10.5	9.5	8.9	9.1	8.8	8.9	9.3	9.1	7.8	7.9	6.9
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
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
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
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
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
Maternal Deaths, Total	33	37	44	21	30	29	28	26	29	35	24	30
Puerto Rican	3	5	3	1	1	4	2	2	4	1	4	2
Other Hispanic	4	6	8	3	6	0	4	6	2	4	2	3
Asian	1	1	1	0	1	2	6	-	-	1	-	1
Other White	6	8	7	4	3	6	3	2	2	2	2	6
Other Black	19	16	24	13	15	14	8	15	20	25	15	16
Maternal Mortality Rate ⁽⁴⁾ Total	3.0	3.3	3.9	1.9	2.5	2.4	2.2	2.0	2.1	2.5	1.7	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
Other Hispanic	3.2	4.4	5.5	2.0	3.8	-	2.1	3.0	0.9	1.6	0.8	1.2
Asian	1.2	1.1	1.1	-	1.0	2.0	5.5	0.9	0.8	0.8	-	0.8
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
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

(1) Puerto Rican, Other Hispanic and Asian ethnicity are based on ancestry, regardless of race. Those of other ancestries are classified as Other White, Other Black, Other & Unknown, based on race. See Technical Notes.

(2) In the absence of a matching birth certificate for an infant death, the information on the death certificate is used to assign a maternal ethnic group.

(3) Rate per 1,000 live births.

(4) Rate per 10,000 live births.

Table 33.

Cases of Reportable Diseases, New York City, 1940-1992

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	15,828	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

*Infection with Human Immunodeficiency Virus, and behavior associated with drug use, may be contributing to the increase in reported syphilis cases.

Table 34.

Incidence of AIDS* By Sex, Major Risk Group, and Year of Diagnosis, New York City, 1980-1992

Sex/Risk Group	1980-1984	1985	1986	1987	1988	1989	1990	1991	1992
Male									
Intravenous Drug User	785	723	1,106	1,457	2,111	2,199	2,585	2,903	3,339
Sex with Men**	2,048	1,512	2,158	2,386	2,565	2,550	2,462	2,512	2,566
Transfusion	9	16	18	26	25	13	1	6	1
Other	363	220	298	388	492	567	576	769	783
Total	3,205	2,471	3,580	4,257	5,193	5,329	5,624	6,190	6,689
Female									
Intravenous Drug User	226	174	299	453	641	726	895	1,122	1,247
Male Sex Partner	53	70	109	213	250	303	381	447	522
Transfusion	10	6	15	22	15	9	6	5	5
Other	49	29	38	53	80	111	128	189	204
Total	338	279	461	741	986	1,149	1,410	1,763	1,978

*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 1992, five additional codes for Asian and Pacific Islander races were added, following their introduction by NCHS: Asian Indian, Guamanian, Korean, Samoan and Vietnamese. Codes already in use include Chinese, Filipino, Hawaiian, Japanese and Other. ●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 Table 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.

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.

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

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

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

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.

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

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

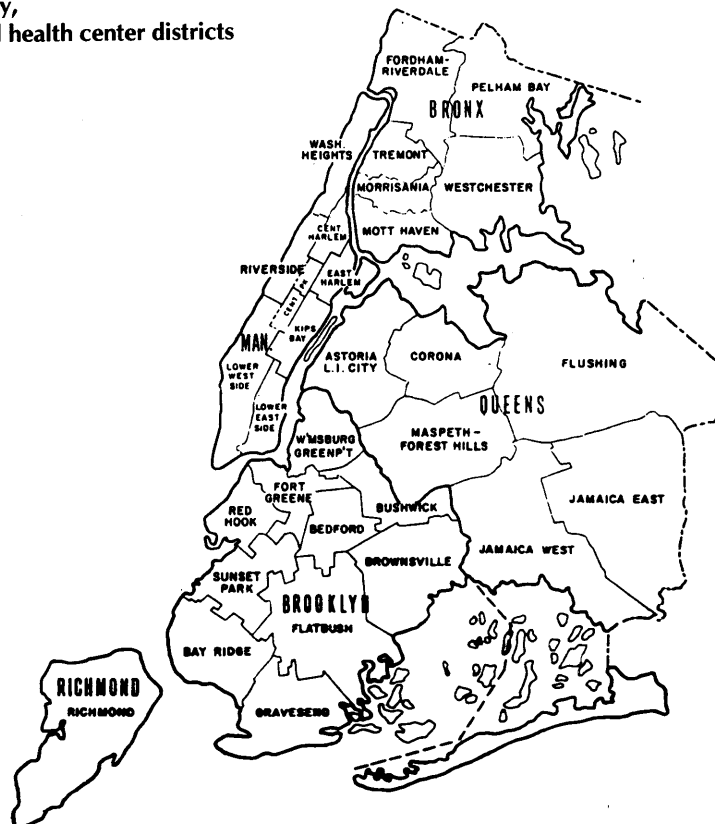
Death Rate, specified causes - The number of deaths due to a specified cause per 100,000 population.

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 1992 New York City Vital Statistics Summary contains features recently added or expanded, designed to make the 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 under reporting. 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.

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.



DEPARTMENT OF HEALTH
Office of Vital Statistics and Epidemiology

Rudolph W. Giuliani, Mayor
Margaret A. Hamburg, M.D., Commissioner