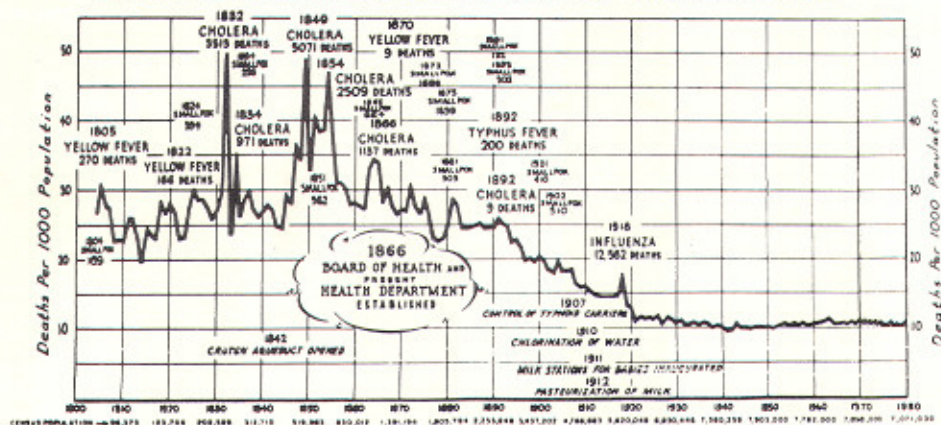


SUMMARY OF VITAL STATISTICS 1984 THE CITY OF NEW YORK

*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.*



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In Memoriam
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Table 1. Population, Births, Marriages, Deaths and Infant Mortality, New York City, 1898-1984
AVERAGE NUMBER

YEAR	Estimated Population July 1	LIVE BIRTHS*		MARRIAGES		DEATHS		INFANT MORTALITY	
		Total Re- ported	Rate per 1,000	Total Re- ported	Rate per 1,000	Total Re- ported	Rate per 1,000	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	14.9	14,060	100.0
1916-1920	5,492,000	136,101	24.9	59,081	10.8	80,435	14.6	12,004	88.2
1921-1925	6,175,000	130,462	21.1	62,710	10.1	69,303	11.2	8,985	68.9
1926-1930	6,703,000	125,590	18.7	62,278	9.7	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	3,528	30.3
1951	7,891,000	162,755	20.6	76,983	9.8	79,109	10.0	3,847	23.6
1952	7,879,000	164,165	20.8	71,004	9.0	81,139	10.3	3,980	24.2
1953	7,867,000	161,499	20.5	71,942	9.1	82,039	10.4	3,945	24.4
1954	7,854,000	164,060	20.9	69,900	8.9	79,014	10.1	3,891	23.7
1955	7,843,000	165,150	21.1	68,615	8.7	81,612	10.4	4,268	25.8
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	7,782,000	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	9.0	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	7,896,000	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	8.3	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	7,071,000	107,066	15.1	58,637	8.3	76,625	10.8	1,719	16.1
1981	7,071,000	108,547	15.4	61,775	8.7	73,329	10.4	1,678	15.5
1982	7,071,000	111,487	15.8	66,619	9.4	73,083	10.3	1,706	15.3
1983	7,071,000	112,353	15.9	68,164	9.6	73,544	10.4	1,603	14.3
1984	7,071,000	113,332	16.0	76,336	10.8	74,278	10.5	1,540	13.6

Figures for single years prior to 1951 appear in the annual summaries for 1965 and earlier.
 *1898-1913 birth figures are estimated, as the number actually reported was incomplete.

Table 2. Population in 1980 and Deaths in 1984, New York City

AGE	1980 POPULATION BY AGE, COLOR, SEX					DEATHS IN 1984 BY AGE, COLOR, AND SEX				
	Total	WHITE		NON-WHITE		Total	WHITE		NON-WHITE	
		Male	Female	Male	Female		Male	Female	Male	Female
All ages	7,071,639	2,287,989	2,619,705	987,149	1,176,796	74,278	27,966	27,685	10,233	8,394
Under 5	470,694	145,694	139,026	93,632	92,342	1,776	441	408	533	394
5-9	447,327	139,274	132,388	88,532	87,133	130	44	29	35	22
10-14	506,283	156,269	150,495	99,639	99,880	133	52	43	18	20
15-19	563,492	173,239	173,646	105,921	110,686	431	167	68	135	61
20-24	603,893	196,109	215,843	85,329	106,612	849	366	119	263	101
25-29	631,050	214,912	227,057	84,030	105,051	1,214	500	200	366	148
30-34	572,117	190,654	200,661	80,365	100,437	1,611	603	228	541	239
35-39	450,735	142,784	153,181	67,605	87,165	1,732	701	250	566	215
40-44	382,820	119,731	130,642	59,308	73,139	1,926	753	331	572	270
45-49	360,104	117,227	131,845	49,145	61,887	2,169	823	434	563	349
50-54	392,990	132,323	154,581	45,463	60,623	3,024	1,192	668	721	443
55-59	393,169	134,444	163,317	41,077	54,331	4,431	1,795	1,112	887	637
60-64	345,233	119,223	151,891	30,527	43,592	6,120	2,480	1,684	1,104	852
65-69	316,596	107,135	149,764	23,393	36,304	7,116	2,928	2,316	1,019	853
70-74	253,923	83,706	129,534	15,565	25,118	8,637	3,526	3,182	985	944
75-79	189,629	59,217	103,392	9,856	16,164	9,666	3,988	3,983	767	928
80-84	114,252	34,310	66,231	4,803	8,908	9,831	3,532	4,777	639	883
85 & over	77,332	21,738	46,211	2,959	6,424	13,482	4,075	7,853	519	1,035

Table 3.

Deaths by Cause and Borough of Residence, and Comparability Ratios, New York City, 1984

CAUSE OF DEATH	Total Recorded in New York City	Known Residents by Borough of Residence					Res. of Inst.	Known Non-Res. of City	Perm. Res. Unknown	Comp. Ratio (1)
		Man.	Bronx	B'klyn	Queens	Richm'd				
Total All Causes	74,278	14,748	10,968	20,889	17,704	2,778	2,235	4,375	581	
1. Total tuberculosis (010-018)	168	56	14	55	19	3	4	5	12	0.77
Respiratory tuberculosis (010-012)	128	45	9	45	15	2	2	3	7	0.84
Other forms (013-018)	40	11	5	10	4	1	2	2	5	0.51
2. Infectious hepatitis (070)	37	9	3	12	3	—	1	9	5	1.40
3. Other infective and parasitic diseases										
Pneumocystosis (136.3)	51	20	7	9	8	2	—	5	—	—
(Rest of 001-139)	377	87	69	108	68	10	5	28	2	1.03
4. Malignant neoplasms, all (140-208)	15,859	3,190	2,137	4,267	3,840	691	190	1,499	45	1.00
Lips, oral cavity, and pharynx (140-149)	333	81	38	83	85	13	4	27	2	1.01
Digestive organs and peritoneum (150-159)	4,729	980	645	1,253	1,229	210	69	327	16	1.03
Stomach (151)	672	125	96	179	170	35	9	53	5	—
Colon (152)	1,872	375	255	475	526	91	30	116	4	—
Rectum (154)	312	63	31	97	83	7	6	24	1	—
Liver, bile ducts, gallbladder (155-156)	555	113	75	153	130	31	11	41	1	—
Pancreas (157)	827	198	106	224	205	33	8	51	2	—
Respiratory system (160-165)	3,567	725	484	1,001	870	170	30	271	16	1.00
Trachea, bronchus and lung (162)	3,346	682	460	925	825	158	28	254	14	—
Kaposi's sarcoma (173.9)	26	10	—	8	2	3	—	2	—	—
Breast and genito-urinary organs (174,179-189)	3,858	770	544	1,066	942	144	59	326	7	—
Breast (174)	1,563	306	220	422	370	67	19	157	2	1.01
Cervix uteri (180)	145	31	25	45	38	1	3	2	—	—
Ovary and other uterine adnexa (183)	422	75	64	112	104	19	5	43	—	1.01
Prostate (185)	844	182	124	237	205	30	15	46	5	1.01
Bladder and other urinary organs (188-189)	617	114	70	176	169	23	13	52	—	0.99
Other and unspecified sites (170-173, 175, 190-199)	1,771	363	230	465	384	89	16	221	3	0.96
Lymphatic and hematopoietic tissues (200-208)	1,575	261	195	391	328	62	12	325	1	0.96
Leukemia and aileukemia (204-208)	692	105	78	161	135	31	5	177	—	1.01
5. Benign and unspecified neoplasms (210-239)	260	57	23	67	61	7	5	37	3	1.21
6. Diabetes (250)	1,385	238	222	491	309	43	36	42	4	1.00
7. Acquired immunodeficiency syndrome (279.1)	952	417	137	203	103	7	7	66	12	—
8. Alcohol dependence (303)	290	105	41	91	36	1	5	4	7	—
9. Drug dependence (304)	524	172	82	133	70	2	4	43	18	—
10. Total cardiovascular diseases (390-459)	37,888	6,681	5,486	10,851	9,993	1,447	1,558	1,696	176	1.01
Cerebrovascular disease (430-438)	3,052	636	413	836	804	109	96	142	16	1.00
Diseases of the heart (393-398,402,404-429)	33,283	5,696	4,882	9,591	8,781	1,298	1,419	1,466	150	1.01
Chronic rheumatic heart disease (393-398)	192	36	28	44	47	14	2	21	—	0.66
Ischemic heart disease (410-414)	29,445	4,738	4,358	8,561	7,945	1,144	1,336	1,239	124	0.88
Other forms of heart disease (420-429)	2,787	731	363	726	591	115	64	176	21	2.50
Hypertensive disease (401-405)	889	210	137	288	183	26	19	22	4	2.06
Atherosclerosis (440)	664	145	83	158	209	11	29	25	4	1.06
11. Influenza and pneumonia (480-487)	2,970	702	422	733	647	119	202	113	30	0.93
12. Bronchitis, emphysema, asthma (490-493)	590	148	91	161	129	21	11	26	3	1.00
13. Ulcer of stomach and duodenum (531-535)	306	85	39	88	56	11	7	16	4	1.12
14. Appendicitis (540-543)	24	6	4	—	8	3	—	3	—	1.01
15. Intestinal obstruction and hernia (550-553,560)	150	36	23	38	32	8	4	9	—	0.94
16. Cirrhosis of liver (571)	1,752	467	304	492	305	47	17	63	57	1.01
17. Nephritis, nephrotic syndrome and nephrosis (580-589)	391	79	69	121	73	19	9	19	2	0.50
18. Hyperplasia of prostate (600)	26	6	1	9	4	—	2	3	1	1.02
19. Complications of pregnancy, childbirth and the puerperium (630-676)	21	1	2	6	8	2	—	1	1	1.10
20. Congenital anomalies (740-759)	427	71	59	133	64	18	3	78	1	1.00
21. Certain conditions originating in the perinatal period (760-779)	834	94	172	338	122	26	—	80	2	1.08
22. Ill-defined (780-799)	654	143	128	235	97	15	4	22	10	0.91
23. All other diseases	4,254	978	601	1,174	939	186	115	238	23	0.78
24. Total accidents (800-949)	1,172	197	201	328	268	40	21	96	21	1.00
Motor vehicle accidents (810-825)	454	63	69	119	114	21	2	56	10	1.01
Home accidents	464	92	86	151	100	9	10	12	4	0.99
25. Injury undetermined whether accidentally or purposely inflicted (980-989)	709	193	157	136	69	17	5	49	83	0.97
26. Suicide and self inflicted injuries (950-959)	585	171	80	111	165	10	1	37	10	1.00
27. Homicide (960-975, 990-999)	1,622	339	394	499	208	23	19	86	54	1.01

Numbers in parentheses are codes of the International Classification of Diseases, 1975 Revision.

(1) Ratio of deaths assigned by the ninth revision to deaths assigned by the eighth revision based on dual coding of 1976 death certificates from the National Center for Health Statistics DHEW Publication 80-1120 Feb. 29, 1980.

Figure 1

CITY OF NEW YORK

ESTIMATED ANNUAL CRUDE DEATH RATE BY WEEK, 1984

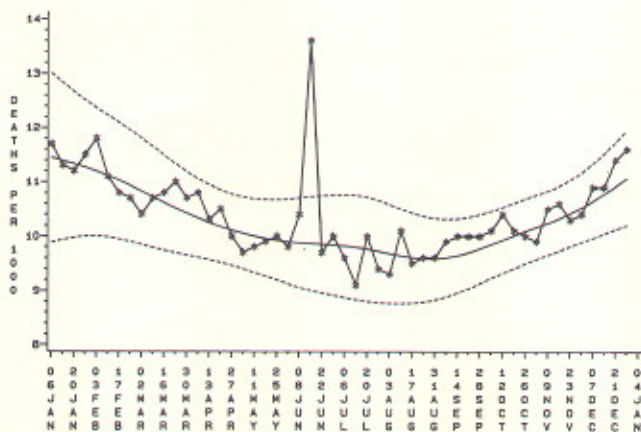


Table 4.

Chief Causes of Death in Specified Age Groups by Sex*
New York City, 1984

Males		ALL AGES	Females	
Deaths	Percent		Deaths	Percent
15,779	41.3	Heart Diseases	17,504	48.5
8,086	21.2	Malignant Neoplasms	7,773	21.5
1,218	3.2	Cerebrovascular Diseases	1,834	5.1
1,530	4.0	Influenza and Pneumonia	1,440	4.0
1,230	3.2	Cirrhosis of Liver	522	1.4
1,339	3.5	Homicides	283	0.8
591	1.5	Diabetes Mellitus	794	2.2
745	2.0	Accidents	427	1.2
826	2.2	Acquired Immunodeficiency Syndrome (AIDS)	126	0.3
462	1.2	Diseases of Early Infancy	372	1.0
6,393	16.7	All Other Causes	5,004	13.9
38,199	100.0	Total	36,079	100.0
UNDER ONE YEAR				
154	18.3	Congenital Anomalies	145	20.8
136	16.1	Immaturity	115	16.5
107	12.7	Sudden Infant Death Syndrome	76	10.9
109	12.9	Respiratory Distress Syndrome	61	8.7
61	7.2	Respiratory Conditions of Newborn	51	7.3
13	1.5	Asphyxia	18	2.6
18	2.1	Influenza and Pneumonia	11	1.6
14	1.7	Perinatal Disorders of Digestive System	10	1.4
8	0.9	Neonatal Hemorrhage	13	1.9
10	1.2	Diseases of Nervous System and Sense Organs	7	1.0
213	25.3	All Other Causes	190	27.3
843	100.0	Total	697	100.0
1 TO 14 YEARS				
68	24.3	Accidents	34	15.5
43	15.3	Malignant Neoplasms	41	18.7
33	11.8	Congenital Anomalies	26	11.9
34	12.1	Homicides	19	8.7
19	6.8	Diseases of Nervous System and Sense Organs	11	5.0
8	2.9	Influenza and Pneumonia	11	5.0
7	2.5	Heart Diseases	10	4.6
10	3.6	Diseases of Blood and Blood Forming Organs	4	1.8
9	3.2	Endocrine Nutritional and Metabolic Diseases	3	1.4
4	1.4	Acquired Immunodeficiency Syndrome (AIDS)	6	2.7
45	16.1	All Other Causes	54	24.7
280	100.0	Total	219	100.0
15 TO 24 YEARS				
389	41.8	Homicides	68	19.5
108	11.6	Accidents	17	4.9
71	7.6	Malignant Neoplasms	53	15.2
72	7.7	Suicides	15	4.3
30	3.2	Drug Dependence	18	5.2
25	2.7	Heart Diseases	14	4.0
17	1.8	Influenza and Pneumonia	20	5.7
22	2.4	Acquired Immunodeficiency Syndrome (AIDS)	11	3.1
10	1.1	Chronic Obstructive Pulmonary Diseases	11	3.1
9	1.0	Diseases of the Nervous System	9	2.6
178	19.1	All Other Causes	113	32.4
931	100.0	Total	349	100.0
25 TO 34 YEARS				
389	19.4	Homicides	78	9.6
272	13.5	Acquired Immunodeficiency Syndrome (AIDS)	74	9.1
193	9.6	Drug Dependence	64	7.8
129	6.4	Malignant Neoplasms	114	14.0
141	7.0	Cirrhosis of Liver	56	6.9
98	4.9	Heart Diseases	54	6.6
110	5.5	Suicides	36	4.4
112	5.6	Accidents	32	3.9
91	4.5	Influenza and Pneumonia	48	5.9
31	1.5	Cerebrovascular Diseases	27	3.3
444	22.1	All Other Causes	232	28.5
2,010	100.0	Total	815	100.0

Males		35 TO 44 YEARS	Females	
Deaths	Percent		Deaths	Percent
285	11.0	Malignant Neoplasms	358	33.6
386	14.9	Heart Diseases	132	12.4
303	11.7	Cirrhosis of Liver	83	7.8
335	12.9	Acquired Immunodeficiency Syndrome (AIDS)	25	2.3
253	9.8	Homicides	43	4.0
125	4.8	Influenza and Pneumonia	39	3.7
127	4.9	Drug Dependence	23	2.1
96	3.7	Accidents	26	2.4
68	2.6	Cerebrovascular Diseases	54	5.1
77	3.0	Suicides	36	3.4
537	20.7	All Other Causes	247	23.2
2,592	100.0	Total	1,066	100.0
45 TO 64 YEARS				
3,678	38.4	Heart Diseases	1,949	31.5
2,581	27.0	Malignant Neoplasms	2,458	39.8
566	5.9	Cirrhosis of Liver	229	3.7
305	3.2	Cerebrovascular Diseases	251	4.1
217	2.3	Diabetes Mellitus	205	3.3
189	2.0	Chronic Obstructive Pulmonary Diseases	130	2.1
266	2.9	Influenza and Pneumonia	48	0.8
218	2.3	Homicides	38	0.6
149	1.5	Accidents	62	1.0
185	1.9	Acquired Immunodeficiency Syndrome (AIDS)	6	0.1
1,211	12.7	All Other Causes	802	13.0
9,565	100.0	Total	6,179	100.0
65 TO 74 YEARS				
4,051	47.9	Heart Diseases	3,405	46.7
2,364	28.0	Malignant Neoplasms	2,135	29.3
282	3.3	Cerebrovascular Diseases	321	4.4
274	3.2	Chronic Obstructive Pulmonary Diseases	163	2.2
225	2.7	Influenza and Pneumonia	181	2.5
155	1.8	Diabetes Mellitus	212	2.9
139	1.6	Cirrhosis of Liver	98	1.3
84	1.0	Accidents	67	0.9
75	0.9	Atherosclerosis	69	0.9
38	0.5	Diseases of Oesophagus, Stomach and Duodenum	26	0.4
771	9.1	All Other Causes	618	8.5
8,458	100.0	Total	7,295	100.0
75 TO 84 YEARS				
4,716	52.8	Heart Diseases	6,054	57.3
2,030	22.7	Malignant Neoplasms	1,883	17.8
361	4.0	Cerebrovascular Diseases	650	6.1
417	4.7	Influenza and Pneumonia	412	3.9
287	3.2	Chronic Obstructive Pulmonary Diseases	193	1.8
133	1.5	Diabetes Mellitus	220	2.1
90	1.0	Atherosclerosis	133	1.3
74	0.8	Accidents	108	1.0
39	0.4	Nephritis and Nephrosis	50	0.5
23	0.3	Diseases of Oesophagus, Stomach and Duodenum	54	0.5
756	8.5	All Other Causes	814	7.7
8,926	100.0	Total	10,571	100.0
85 YEARS AND OVER				
2,816	61.3	Heart Diseases	5,876	66.1
582	12.7	Malignant Neoplasms	731	8.2
363	7.9	Influenza and Pneumonia	600	6.8
162	3.5	Cerebrovascular Diseases	519	5.8
76	1.7	Atherosclerosis	148	1.7
121	2.6	Chronic Obstructive Pulmonary Diseases	90	1.0
43	0.9	Diabetes Mellitus	120	1.4
49	1.1	Accidents	72	0.8
23	0.5	Diseases of Oesophagus, Stomach and Duodenum	52	0.6
28	0.6	Nephritis and Nephrosis	36	0.4
331	7.2	All Other Causes	644	7.2
4,594	100.0	Total	8,888	100.0

*Ten leading causes of death in each age group arranged in order of importance for both sexes combined.

Table 5.

Deaths from Homicides, By Age, New York City, 1984

Type of Homicide	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total	1,622	35	33	457	763	256	38	40
Fight, Brawl, or Rape	—	—	—	—	—	—	—	—
Corrosive or Caustic Substance	—	—	—	—	—	—	—	—
Poisoning	—	—	—	—	—	—	—	—
Hanging and Strangulation	66	1	5	9	23	16	4	8
Submersion (drowning)	2	1	—	—	—	1	—	—
Firearms and Explosives	920	8	11	308	470	110	9	4
Cutting and Piercing	402	2	3	101	197	81	9	9
Child Battering	16	13	3	—	—	—	—	—
Other and Unspecified	207	10	11	35	68	48	16	19
Late Effect	2	—	—	—	2	—	—	—
Legal Intervention	7	—	—	4	3	—	—	—

Table 6.

Deaths from Accidents, By Age, New York City, 1984

Type of Accident	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total	1,172	56	60	125	266	211	151	303
Occupational	33	—	—	2	16	15	—	—
Home	464	43	24	18	66	70	67	176
Poisonings (gas excepted)	—	—	—	—	—	—	—	—
Poisonings by gases and vapors	7	—	—	1	2	4	—	—
Fire and flames	126	22	13	3	23	24	17	24
Suffocation	18	7	—	—	1	4	3	3
Falls	264	8	9	11	31	35	39	131
Other home accidents	49	6	2	3	9	3	8	18
Motor Vehicles	454	10	25	76	133	88	49	73
Injury to pedestrian	224	6	19	18	41	48	34	58
Collision with other motor vehicles	91	1	2	22	33	17	8	8
Collision with fixed object	72	—	—	24	33	11	2	2
Non-collision	15	1	—	1	9	1	1	2
Other motor vehicle	52	2	4	11	17	11	4	3
Public Non-Motor Vehicle	214	2	11	29	48	36	35	53
Subway and elevated train	23	—	2	7	5	2	5	2
Water transportation	1	—	—	—	—	1	—	—
Fire, explosion	4	—	—	—	2	1	1	—
Drowning	30	1	5	12	9	3	—	—
Falls	107	—	3	3	17	20	19	45
Other public	49	1	1	7	15	9	10	6
Type Unknown	7	1	—	—	3	2	—	1

Table 7.

Deaths from Suicides, By Age, New York City, 1984

Type of Suicide	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total	585	—	4	87	259	136	48	51
Solid or Liquid Substances	91	—	—	6	40	24	12	9
Gases in Domestic use	—	—	—	—	—	—	—	—
Other gases	7	—	—	1	2	4	—	—
Hanging, Strangulation and Suffocation	152	—	—	22	65	37	18	10
Submersion (drowning)	12	—	—	2	1	6	3	—
Firearms and Explosives	92	—	1	15	48	20	5	3
Cutting and Piercing	17	—	—	2	11	1	1	2
Jumping from high places	174	—	3	30	72	37	8	24
Other and Unspecified	40	—	—	9	20	7	1	3

Table 8. Deaths from Injury Undetermined Whether Accidentally or Purposely Inflicted, By Age, New York City, 1984

Type of Injury	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total	709	35	9	95	310	145	61	54
Poisonings (Gas Excepted).....	50	1	1	5	31	7	4	1
Poisonings by gases and vapors	8	—	—	1	3	2	1	1
Hanging and strangulation	37	1	1	7	17	6	1	4
Submersion (Drowning).....	95	3	2	14	42	25	7	2
Firearms and explosives.....	24	—	—	7	12	2	2	1
Cutting and piercing.....	7	—	—	—	4	1	—	2
Falling from high places.....	86	3	2	13	41	18	2	7
Other and unspecified.....	402	27	3	48	160	84	44	36

Table 9. Age and Sex Specific Death Rates Per 1,000 Population, New York City, 1909-1981

Age	1909-'10-'11		1919-'20*		1929-'30-'31		1939-'40-'41		1949-'50-'51		1959-'60-'61		1969-'70-'71		1979-'80-'81	
	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	4.6	3.8
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	0.3
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	0.4	0.3
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
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	2.5	0.8
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	3.0	0.9
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	3.4	1.2
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	4.0	1.8
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	5.6	2.7
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	8.4	4.2
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	12.0	6.2
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	16.5	8.7
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	24.1	12.8
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	34.1	17.9
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	26.7
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	69.9	41.0
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	106.2	72.3
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	179.1	147.7

*As Census date is the midpoint of the period presented, only two years are used for 1919-'20 calculation, the Census having been made on Jan. 1, 1920.

Table 10. Age-Adjusted Death Rates^(a) Certain Causes, Per 100,000 Population, New York City, 1901-1981

Cause of Death	1901-'03	1909-'11	1919-'20	1929-'31	1939-'41	1949-'51	1959-'61	1969-'71	1979-'81
All causes	2,324.2	1,934.1	1,691.4	1,449.0	1,128.1	885.8	813.3	771.1	655.8
Respiratory tuberculosis	241.0	191.4	143.7	73.7	48.6	25.2	7.3	3.0	0.9
Other forms of tuberculosis.....	31.2	25.2	22.0	10.9	5.2	2.1	0.5	0.3	0.2
Influenza and pneumonia	302.8	260.8	301.7	178.6	60.3	30.7	36.4	29.0	20.7
Malignant neoplasms (b).....	116.8	124.8	134.3	156.0	176.9	170.6	162.9	161.2	154.3
Diabetes	23.3	25.4	26.5	35.8	43.6	17.0	14.8	15.9	11.8
Appendicitis	13.4	13.6	14.6	16.9	9.4	2.3	1.2	0.5	0.2
Nephritis	244.8	181.9	141.6	63.3	52.6	6.7	5.5	3.5	2.7
Diseases of circulatory system ..	258.6	383.2	427.7	506.7	421.1	404.8	355.8	306.6	294.0
Cardiovascular-Renal	634.8	599.3	601.1	582.5	515.4	444.0	416.1	356.7	296.8
Total accidents	108.2	87.8	73.8	81.3	55.9	38.4	28.1	22.7 (d)	17.5
Auto accidents	(c)	(c)	14.9	22.6	12.8	7.3	7.7	11.0	7.8
Other accidents	(c)	(c)	58.9	58.7	43.1	31.0	20.3	11.6	9.6
Suicide.....	26.8	21.2	14.1	21.3	14.3	9.7	9.2	6.4 (d)	10.0
Homicide.....	3.6	5.1	6.2	8.0	4.4	4.0	5.3	14.0	23.0

(a) For 1901-'03 and 1909-'11 rates are adjusted for age and sex; for all other years rates are adjusted for age, sex and color. Standard is the population of the United States in 1940.

(b) Under malignant neoplasms in the sixth and later revisions are included deaths from Hodgkin's disease, leukemia and aleukemia, and mycosis fungoides to which 643, 1,916 and 22 deaths respectively were assigned to the three-year period 1949-1951. The adjusted rate for these 2,581 deaths was 10.0 per 100,000.

(c) Data not available for 1901-1911.

(d) Accidents and suicides not strictly comparable with previous years' figures.

Table 11.

Deaths from Selected Causes by Health Center

Boro/District	Population Estimates July 1, 1980	All Causes		(2) 1980 Age Adjusted Death Rate	Ischemic and Other Heart Disease		Malignant Neoplasms		Cerebro- vascular Disease		Influenza and Pneumonia	
		No.	Rate (1)		No.	Rate (3)	No.	Rate (3)	No.	Rate (3)	No.	Rate (3)
NEW YORK CITY KNOWN RESIDENTS...	7,071,030	74,278	10.5	7.0	33,283	470.7	15,859	224.3	3,052	43.2	2,970	42.0
		67,044	†	†	30,232	†	14,119	†	2,798	†	2,620	†
MANHATTAN	1,427,533	14,743	10.3	6.6	5,695	398.9	3,189	223.4	636	44.6	702	49.2
Central Harlem	121,995	2,128	17.4	12.2	623	510.7	434	355.8	106	86.9	120	98.4
East Harlem	124,812	1,310	10.5	7.9	469	375.8	239	191.5	60	48.1	67	53.7
Kips Bay-Yorkville	231,749	2,054	8.9	4.6	902	389.2	544	234.7	88	38.0	93	40.1
Lower East Side	229,389	2,400	10.5	6.7	987	430.3	513	223.6	100	43.6	109	47.5
Lower West Side	271,294	2,780	10.2	6.2	1,080	398.1	632	233.0	127	46.8	134	49.4
Riverside	206,562	1,865	9.0	6.3	759	367.4	375	181.5	65	31.5	93	45.0
Washington Heights	241,732	2,206	9.1	6.2	875	362.0	452	187.0	90	37.2	86	35.6
BRONX	1,169,115	10,938	9.4	6.8	4,869	416.5	2,132	182.4	413	35.3	421	36.0
Fordham-Riverdale	234,781	2,420	10.3	6.0	1,261	537.1	472	201.0	76	32.4	87	37.1
Morrisania	134,388	1,225	9.1	8.8	418	311.0	202	150.3	51	37.9	67	49.9
Mott Haven	124,080	972	7.8	7.9	321	258.7	148	119.3	55	44.3	39	31.4
Pelham Bay	219,609	2,452	11.2	5.9	1,213	552.3	525	239.1	86	39.2	104	47.4
Tremont	172,959	1,076	6.2	8.0	380	219.7	164	94.8	38	22.0	31	17.9
Westchester	283,298	2,793	9.9	6.3	1,276	450.4	621	219.2	107	37.8	93	32.8
BROOKLYN	2,231,028	20,887	9.4	6.7	9,591	429.9	4,267	191.3	836	37.5	733	32.9
Bay Ridge	249,112	2,823	11.3	5.8	1,602	643.1	593	238.0	87	34.9	89	35.7
Bedford	208,653	1,949	9.3	8.4	651	312.0	364	174.5	100	47.9	74	35.5
Brownsville	271,217	2,209	8.1	7.1	841	310.1	470	173.3	103	38.0	82	30.2
Bushwick	166,609	1,254	7.5	8.2	455	273.1	224	134.4	66	39.6	38	22.8
Flatbush	479,533	4,122	8.6	5.9	1,987	414.4	886	184.8	164	34.2	130	27.1
Fort Greene	146,739	1,339	9.1	8.9	489	333.2	248	169.0	66	45.0	58	39.5
Gravesend	287,940	3,519	12.2	5.9	1,928	669.6	771	267.8	103	35.8	126	43.8
Red Hook-Gowanus	114,345	989	8.6	7.0	393	343.7	210	183.7	44	38.5	49	42.9
Sunset Park	164,477	1,473	9.0	6.2	758	460.9	267	162.3	46	28.0	43	26.1
Williamsburg-Greenpoint	142,403	1,210	8.5	6.9	487	342.0	234	164.3	57	40.0	44	30.9
QUEENS	1,891,325	17,698	9.4	5.6	8,779	464.2	3,840	203.0	804	42.5	645	34.1
Astoria-L.I.C.	238,858	2,297	9.6	5.7	1,033	432.5	528	221.1	125	52.3	98	41.0
Corona	263,235	2,175	8.3	5.3	1,001	380.3	439	166.8	102	38.7	122	46.3
Flushing	442,164	3,874	8.8	4.8	2,013	455.3	928	209.9	149	33.7	147	33.2
Jamaica East	322,261	2,682	8.3	6.2	1,193	370.2	525	162.9	124	38.5	97	30.1
Jamaica West	348,656	3,548	10.2	6.5	1,901	545.2	695	199.3	157	45.0	107	30.7
Maspeth-Forest Hills	276,151	3,122	11.3	5.3	1,638	593.2	725	262.5	147	53.2	74	26.8
RICHMOND	352,029	2,778	7.9	6.0	1,298	368.7	691	196.3	109	31.0	119	33.8
NON-RESIDENTS RESIDENCE UNKNOWN	—	4,375	—	—	1,466	—	1,499	—	142	—	115	—
	—	2,859	—	—	1,585	—	241	—	112	—	235	—

(1) Rate per 1,000 population.

(2) Standard is population of U.S. 1940.

(3) Rate Per 100,000 population.

† This figure is not computed because known resident totals include only events in New York City to known residents, and do not include events occurring outside of city to New York City residents.

District of Residence, New York City, 1984

Cirrhosis of Liver		Diabetes		AIDS		Drug Dependence		Homicide		Accident		Suicide		Injury Undeter. Cause	
No.	Rate (3)	No.	Rate (3)	No.	Rate (3)	No.	Rate (3)	No.	Rate (3)	No.	Rate (3)	No.	Rate (3)	No.	Rate (3)
1,752	24.8	1,385	19.6	952	13.5	524	7.4	1,623	22.9	1,172	16.6	585	8.3	709	10.0
1,614	†	1,303	†	864	†	458	†	1,462	†	1,033	†	535	†	571	†
467	32.7	238	16.7	417	29.2	171	12.0	339	23.7	197	13.8	171	12.0	193	13.5
98	80.3	61	50.0	31	25.4	53	43.4	84	68.9	29	23.8	11	9.0	38	31.1
47	37.7	35	28.0	26	20.8	26	20.8	40	32.0	25	20.0	15	12.0	18	14.4
36	15.5	16	6.9	37	16.0	7	3.0	14	6.0	22	9.5	32	13.8	10	4.3
96	41.9	28	12.2	69	30.1	38	16.6	36	15.7	23	10.0	29	12.6	29	12.6
68	25.1	24	8.8	149	54.9	20	7.4	35	12.9	41	15.1	42	15.5	39	14.4
59	28.6	37	17.9	78	37.8	12	5.8	40	19.4	23	11.1	25	12.1	27	13.1
63	26.1	37	15.3	27	11.2	15	6.2	90	37.2	34	14.1	17	7.0	32	13.2
304	26.0	222	19.0	134	11.5	82	7.0	393	33.6	200	17.1	79	6.8	156	13.3
53	22.6	37	15.8	22	9.4	11	4.7	54	23.0	40	17.0	16	6.8	36	15.3
49	36.5	41	30.5	27	20.1	15	11.2	63	46.9	17	12.6	12	8.9	26	19.3
50	40.3	28	22.6	27	21.8	21	16.9	68	54.8	25	20.1	7	5.6	16	12.9
43	19.6	42	19.1	8	3.6	8	3.6	53	24.1	47	21.4	10	4.6	27	12.3
50	28.9	18	10.4	23	13.3	17	9.8	90	52.0	30	17.3	9	5.2	29	16.8
59	20.8	56	19.8	27	9.5	10	3.5	65	22.9	41	14.5	25	8.8	22	7.8
492	22.1	491	22.0	203	9.1	133	6.0	499	22.4	328	14.7	111	5.0	136	6.1
26	10.4	47	18.9	8	3.2	6	2.4	20	8.0	29	11.6	13	5.2	7	2.8
74	35.5	61	29.2	39	18.7	23	11.0	81	38.8	37	17.7	6	2.9	15	7.2
65	24.0	78	28.8	24	8.8	14	5.2	79	29.1	43	15.9	14	5.2	21	7.7
48	28.8	46	27.6	18	10.8	13	7.8	61	36.6	32	19.2	7	4.2	3	1.8
59	12.3	76	15.8	25	5.2	15	3.1	85	17.7	67	14.0	20	4.2	27	5.6
56	38.2	39	26.6	29	19.8	20	13.6	59	40.2	19	12.9	8	5.5	10	6.8
46	16.0	61	21.2	10	3.5	11	3.8	36	12.5	39	13.5	15	5.2	21	7.3
38	33.2	24	21.0	28	24.5	6	5.2	21	18.4	23	20.1	7	6.1	6	5.2
37	22.5	18	10.9	7	4.3	14	8.5	30	18.2	17	10.3	7	4.3	14	8.5
43	30.2	41	28.8	15	10.5	11	7.7	27	19.0	22	15.4	14	9.8	12	8.4
304	16.1	309	16.3	103	5.4	70	3.7	208	11.0	268	14.2	165	8.7	69	3.6
50	20.9	52	21.8	15	6.3	7	2.9	14	5.9	40	16.7	26	10.9	8	3.3
43	16.3	37	14.1	23	8.7	6	2.3	49	18.6	35	13.3	30	11.4	9	3.4
34	7.7	52	11.8	9	2.0	16	3.6	26	5.9	46	10.4	41	9.3	14	3.2
61	18.9	51	15.8	32	9.9	25	7.8	57	17.7	49	15.2	16	5.0	14	4.3
67	19.2	55	15.8	16	4.6	10	2.9	43	12.3	61	17.5	28	8.0	14	4.0
49	17.7	62	22.5	8	2.9	6	2.2	19	6.9	37	13.4	24	8.7	10	3.6
47	13.4	43	12.2	7	2.0	2	0.6	23	6.5	40	11.4	10	2.8	17	4.8
63	—	42	—	66	—	43	—	86	—	96	—	37	—	49	—
75	—	40	—	22	—	23	—	74	—	43	—	12	—	89	—

NEW YORK CITY'S AGING POPULATION

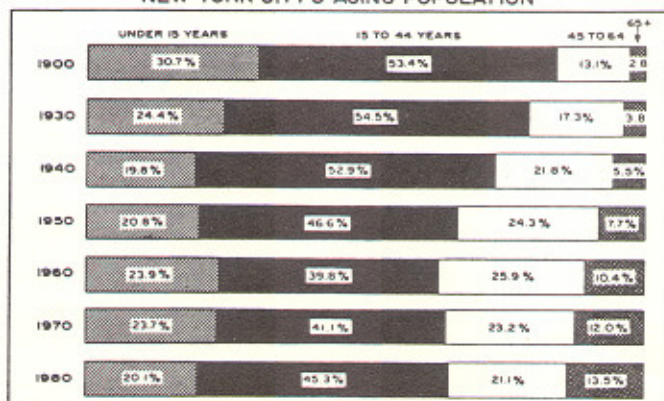


Figure 2

Table 12.

Deaths and Crude Death Rates per 100,000

CAUSE	ANNUAL								
	1901-1905	1906-1910	1911-1915	1916-1920	1921-1925	1926-1930	1931-1935	1936-1940	1941-1945
Infant deaths (under 1 yr.)	15,611	16,609	14,060	12,004	8,895	7,662	5,521	4,079	3,828
Rate (a)	120.8	115.2	100.0	88.2	68.9	61.0	52.0	39.8	30.3
Neonatal deaths (under 28 days)	(b)	(b)	5,143	4,894	4,309	3,892	3,152	2,631	2,764
Rate (a)	...	...	37.4	36.0	33.0	31.0	29.7	25.7	21.9
Infant deaths (under 7 days)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	2,110	2,338
Rate (a)	...	...	...	...	...	...	...	20.5	18.5
Fetal deaths (28 wks. gestation & over)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	2,589	2,709
Ratio (a)	...	...	...	...	...	...	...	25.3	21.4
Perinatal rate (c)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	44.7	39.1
Measles (55)	616	925	630	559	405	255	107	31	14
Rate (d)	144.0	191.8	119.8	100.5	73.2	46.8	21.4	6.5	2.6
Meningococcal meningitis (36)	846	485	185	184	106	305	142	87	135
Rate	22.3	10.8	3.7	3.4	1.7	4.6	2.0	1.2	1.8
Tuberculosis of respir. sys. (10-12)	8,154	8,832	8,745	7,915	4,937	4,574	4,068	3,680	3,281
Rate	215.4	197.5	173.2	144.1	80.0	68.2	57.3	50.0	43.2
Other tuberculosis (13-18)	1,246	1,288	1,415	1,189	754	670	498	345	304
Rate	32.9	28.8	28.0	21.6	12.2	10.0	7.0	4.7	4.0
Influenza (487)	449	412	393	4,480	725	874	625	250	108
Rate	11.9	9.2	7.8	81.6	11.7	13.0	8.8	3.4	1.4
Pneumonia (480-486)	9,976	10,573	10,135	12,656	8,210	9,115	7,580	5,087	3,345
Rate	263.5	236.4	200.7	230.4	133.0	136.0	106.7	69.1	44.0
Other respiratory (460-478, 490-519)	3,224	2,307	1,458	1,407	689	622	594	536	492
Rate	85.2	51.6	38.9	25.6	11.2	9.3	8.4	7.3	6.5
Malignant neoplasms (140-208)	2,621	3,334	4,256	4,993	6,229	7,637	9,062	11,257	13,169
Rate	69.2	74.5	84.3	90.9	100.9	113.9	127.6	152.9	173.3
Diabetes (250)	520	690	916	1,063	1,284	1,624	2,140	2,787	3,131
Rate	13.7	15.4	18.1	19.4	20.8	24.2	30.1	37.9	41.2
Cirrhosis of liver (571)	814	1,076	900	500	338	413	584	922	1,052
Rate	21.5	24.1	17.8	9.1	5.5	6.2	8.2	12.5	13.8
Nephritis (580-589)	5,752	5,600	5,499	5,676	4,108	3,411	3,608	3,675	3,081
Rate	151.9	125.2	108.9	103.4	50.9	50.8	50.9	40.6	40.6
Circulatory system (390-459)	5,954	9,148	12,699	14,792	18,114	21,815	23,706	25,711	30,886
Rate	157.3	204.5	251.5	269.3	293.3	325.5	333.8	349.2	406.6
Vascular lesions (430-438)*	2,593	1,790	970	834	719	723	1,333	3,846	3,611
Rate	68.4	40.0	19.2	15.2	11.6	10.8	20.2	52.2	47.5
Drug dependence (304)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Rate	...	...	...	...	...	...	...	...	...
Suicides (950-959)	761	825	686	742	842	1,163	1,369	1,191	907
Rate	20.1	18.4	17.2	13.5	13.6	17.4	19.3	16.2	11.9
Homicides (960-978, 990-999)	143	247	293	271	334	405	522	351	265
Rate	3.8	5.5	5.8	4.9	5.4	6.0	7.4	4.5	3.5
Automobile accidents (810-825)	(b)	(b)	253	658	929	1,175	1,167	920	728
Rate	...	...	5.0	12.0	15.0	17.5	16.4	12.5	9.6
Home accidents*	(b)	(b)	(b)	(b)	(b)	(b)	(b)	1,546	1,823
Rate	...	...	...	...	...	...	...	21.0	24.0
Other accidents	3,521	3,549	3,516	3,426	3,138	3,574	3,205	1,561	1,268
Rate	93.0	79.3	69.3	62.4	50.8	53.3	45.1	21.2	16.7
Injury undetermined (980-989)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Rate	...	...	...	...	...	...	...	...	...
Puerperal diseases (630-676)	694	745	694	664	689	651	608	372	255
Rate—per 10,000 live births	53.7	51.7	49.4	48.8	52.8	51.8	57.3	36.3	20.2

Numbers following disease names are numbers of the International Classification of Diseases, 9th Revision. (a) Rates are per 1,000 live births. (b) Not available. (c) Fetal deaths (28 wks +) plus infant deaths (less 7 days) per 1,000 live births plus fetal deaths (28 wks +). (d) Rates for measles per 100,000 population under five years. (e) Rate is less than 0.05.

*Coding changed causing discontinuities for indicated causes of deaths in 1935, 1956, 1958. See earlier summaries for details.

Population, New York City, 1901 to 1984

PERCENTAGE AVERAGE

	1946-1948	1949-1951	1952-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981	1982	1983	1984
8	4,298	3,882	4,021	4,290	4,333	3,477	2,312	1,875	1,678	1,706	1,603	1,540
3	26.8	24.5	24.6	25.7	26.2	23.6	19.9	17.4	15.5	15.3	14.3	13.6
4	3,298	2,989	3,032	3,220	3,226	2,602	1,714	1,333	1,144	1,173	1,070	1,014
9	20.5	18.9	18.5	19.3	19.5	17.7	14.8	12.3	10.5	10.5	9.5	8.9
8	2,845	2,604	2,713	2,909	2,922	2,351	1,480	1,131	967	964	902	863
5	17.7	16.4	16.6	17.4	17.7	16.0	12.8	10.5	8.9	8.6	8.0	7.6
9	2,902	2,441	2,310	2,362	2,276	1,885	1,288	835	735	763	767	672
4	18.1	15.4	14.1	14.1	13.8	12.8	11.1	7.7	6.8	6.8	6.8	5.9
1	35.1	31.3	30.3	31.1	31.0	28.4	23.6	18.1	15.6	15.4	14.8	13.5
4	16	10	12	12	8	2	1	0	0	0	0	0
6	2.4	1.4	1.8	1.8	1.1	0.2	0.2	...	...	...	...	...
5	40	32	34	27	24	19	10	16	15	17	21	10
8	0.5	0.4	0.4	0.3	0.3	0.2	0.1	0.2	0.2	0.2	0.3	0.1
1	2,932	2,173	1,178	824	624	432	235	141	121	135	122	128
2	37.7	27.4	15.0	10.6	8.0	5.5	3.1	2.0	1.7	1.9	1.7	1.8
4	229	172	97	52	43	39	32	22	34	33	29	40
0	2.9	2.2	1.2	0.7	0.5	0.5	0.4	0.3	0.5	0.5	0.4	0.6
8	48	57	51	68	32	63	27	35	13	2	2	6
4	0.6	0.7	0.6	0.9	0.4	0.8	0.3	0.5	0.2	(e)	(e)	0.1
5	2,966	2,412	2,613	3,391	3,362	3,499	3,137	2,965	2,554	2,414	2,546	2,964
0	38.2	30.4	33.2	43.4	42.9	44.4	41.0	41.0	36.1	34.1	36.0	41.9
2	424	450	461	651	960	1,425	1,627	1,583	1,629	1,767	1,967	2,051
5	5.5	5.7	5.9	8.3	12.3	18.1	21.3	21.9	23.0	25.0	27.8	29.0
9	14,627	15,556	16,553	16,869	17,398	17,814	17,315	16,549	16,147	15,668	15,928	15,859
	188.2	196.0	210.6	216.1	222.1	226.3	226.3	228.7	228.4	221.6	225.3	224.3
1	3,423	1,583	1,644	1,581	1,789	1,867	2,064	1,547	1,501	1,432	1,439	1,385
2	44.0	19.9	20.9	20.3	22.9	23.7	27.0	21.4	21.2	20.3	20.4	19.6
2	1,365	1,500	1,440	1,858	2,386	2,936	2,440	2,185	1,975	1,824	1,646	1,752
8	17.5	19.2	18.3	23.8	30.5	37.3	31.9	30.2	27.9	25.8	23.3	24.8
1	2,574	570	556	573	509	447	372	381	330	347	382	391
6	33.1	7.2	7.1	7.3	6.5	5.7	4.9	5.3	4.7	4.9	5.4	5.5
6	32,539	36,206	37,724	38,988	39,943	41,981	40,639	37,978	37,800	38,372	38,211	37,888
6	418.7	456.3	479.9	499.5	510.2	532.4	531.1	524.8	534.6	542.7	540.4	535.8
1	3,710	5,099	5,688	6,013	6,174	6,277	5,433	4,174	3,430	3,263	3,159	3,052
5	47.7	64.3	72.4	77.0	78.9	79.7	71.0	57.7	48.5	46.1	44.7	43.2
	(b)	(b)	81	96	263	551	677	414	511	560	598	524
	...	...	1.0	1.2	3.4	7.0	8.8	5.7	7.2	7.9	8.5	7.4
7	930	863	649	711	908	680	641	711	641	626	570	585
9	12.0	10.9	8.3	9.1	11.6	8.6	8.4	9.8	9.1	8.9	8.1	8.3
5	362	318	340	366	592	992	1,663	1,706	1,992	1,889	1,794	1,622
5	4.7	4.0	4.3	4.7	7.6	12.6	21.7	23.5	28.2	26.7	25.4	22.9
8	635	600	634	655	714	887	834	606	542	502	435	454
6	8.2	7.6	8.1	8.4	9.1	11.3	10.9	8.4	7.7	7.1	6.2	6.4
3	1,941	1,699	1,568	1,095	951	871	755	525	467	539	483	464
0	25.0	21.4	19.9	14.0	12.1	11.1	9.9	7.3	6.6	7.6	6.8	6.6
8	1,314	1,008	882	996	996	859	484	401	384	448	281	254
7	16.9	12.7	11.2	12.8	12.7	10.9	6.3	5.5	5.4	6.3	4.0	3.6
	(b)	(b)	(b)	(b)	(b)	946	1,062	699	809	620	668	709
	...	...	...	...	...	10.9	13.9	9.7	11.4	8.8	9.4	10.0
5	178	115	102	107	109	73	36	28	33	37	44	21
2	11.1	7.3	6.2	6.4	6.6	5.0	3.1	2.6	3.0	3.3	3.9	1.9

Revision of the International Classification and Major Code Changes

5th Revision 1939

6th Revision 1949 — Major changes, see summaries of 1961 and earlier for comparability ratios.

7th Revision 1959

8th Revision 1969 — New rubric of "Undetermined Injury", thereby making accidents and suicides not comparable with previous years' figures.

9th Revision 1979

**Table 13. Deaths by Descent or Origin of Deceased and Borough of Residence
New York City, 1984**

Descent or Origin of Deceased	Borough of Residence							Non- Resident	Residence Unknown
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond			
Mexican	72	28	14	14	13	2	1	—	
Puerto Rican	4,141	1,036	1,564	1,176	236	40	74	15	
Cuban	496	197	67	53	138	5	35	1	
Other Hispanic	1,692	516	291	348	407	33	59	38	
American	22,132	4,394	2,892	5,700	5,441	1,391	2,253	61	
Other North, Central and South American	1,665	210	246	791	340	24	53	1	
European	23,978	3,312	3,429	7,086	7,787	1,155	1,174	35	
Asian	2,402	644	185	688	670	61	148	6	
African	14,213	3,967	2,718	4,479	2,403	149	383	114	
Not Stated	3,487	919	402	954	622	84	196	310	
Total	74,278	15,223	11,808	21,289	18,057	2,944	4,376	581	

**Table 14. Births and Deaths in New York City by Boroughs of
Residence and Occurrence, 1984**

Borough of Residence	LIVE BIRTHS Borough of Occurrence					
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond
Manhattan	18,449	17,565	573	141	162	8
Bronx	20,262	3,897	16,134	75	154	2
Brooklyn	39,361	4,833	97	33,163	1,010	258
Queens	23,222	3,915	208	1,152	17,936	11
Richmond	4,817	227	8	559	40	3,983
Non Resident	7,219	3,596	934	376	2,151	162
Residence Unknown	2	2	—	—	—	—
Total	113,332	34,035	17,954	35,466	21,453	4,424
Borough of Residence	DEATHS Borough of Occurrence					
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond
Manhattan	15,223	14,192	731	135	130	35
Bronx	11,808	1,149	10,494	70	88	7
Brooklyn	21,289	1,782	214	18,511	554	228
Queens	18,057	1,971	445	998	14,604	39
Richmond	2,944	168	9	96	14	2,657
Non Resident	4,376	2,304	753	286	948	85
Residence Unknown	581	255	127	117	77	5
Total	74,278	21,821	12,773	20,213	16,415	3,056

**Table 15. Induced Terminations by Boroughs of Residence and Occurrence
New York City, 1984**

Borough of Residence	Borough of Occurrence					
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond
Manhattan	17,113	15,433	433	271	973	3
Bronx	19,245	9,550	7,972	308	1,415	0
Brooklyn	33,682	11,585	163	18,141	3,784	9
Queens	17,386	6,872	194	870	9,448	2
Richmond	2,380	1,219	12	494	237	418
Non Resident	6,915	4,200	682	1,110	913	10
Residence Unknown	81	54	4	18	2	3
Total	96,802	48,913	9,460	21,212	16,772	445

**Table 16. Spontaneous Terminations (28 Wks. Gestation & Over)
by Boroughs of Residence and Occurrence, New York City, 1984**

Borough of Residence	Borough of Occurrence					
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond
Manhattan	99	94	3	2	—	—
Bronx	127	22	101	2	2	—
Brooklyn	234	17	—	206	8	3
Queens	150	21	4	3	122	—
Richmond	25	1	—	2	—	22
Non Resident	36	25	3	2	5	1
Residence Unknown	1	—	—	—	1	—
Total	672	180	111	217	138	26

Table 17.

**Live Births by Mother's Descent or Origin and Borough of Residence
New York City, 1984**

Descent or Origin of Mother	BOROUGH OF RESIDENCE							
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond	Non-Resident	Residence Unknown
Mexican	625	137	142	247	80	6	13	—
Puerto Rican	17,887	2,652	7,552	6,045	1,201	233	200	—
Cuban	561	129	98	103	168	8	55	—
Other Hispanic	14,042	4,347	2,411	3,172	3,753	137	222	—
American	16,776	3,224	426	5,044	4,312	808	2,962	—
Other North, Central and South American	9,228	476	1,309	5,365	1,855	35	187	1
European	15,678	1,436	1,848	4,413	3,429	2,560	1,992	—
Asian	9,127	1,485	578	2,957	2,986	314	807	—
African	24,263	3,806	5,668	9,325	4,517	533	414	—
Not Stated	5,145	753	230	2,690	921	183	367	1
Total	113,332	18,449	20,262	39,361	23,222	4,817	7,219	2

Table 18.

**Live Births, Spontaneous and Induced Terminations of Pregnancy
By Borough of Residence and Age of Woman
New York City, 1984**

Borough/Pregnancy Outcome	Total, All Ages	Age of Woman								
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40 and Over	Not Stated
NEW YORK CITY										
Live Births	113,332	315	4,776	8,248	29,168	34,603	24,556	9,951	1,696	19
Spontaneous Terminations ..	4,960	9	134	247	997	1,421	1,156	693	243	60
Induced Terminations	96,802	908	7,601	10,732	31,073	23,738	13,665	6,707	1,889	489
Total	215,094	1,232	12,511	19,227	61,238	59,762	39,377	17,351	3,828	568
MANHATTAN										
Live Births	18,449	46	796	1,211	4,243	5,084	4,412	2,209	441	7
Spontaneous Terminations ..	878	2	15	32	143	227	230	160	59	10
Induced Terminations	17,113	114	1,057	1,533	5,244	4,621	2,750	1,329	344	121
Total	36,440	162	1,868	2,776	9,630	9,932	7,392	3,698	844	138
BRONX										
Live Births	20,262	89	1,319	2,155	6,292	5,635	3,260	1,266	245	1
Spontaneous Terminations ..	522	1	21	32	137	137	111	60	16	7
Induced Terminations	19,245	206	1,671	2,271	6,639	4,635	2,429	1,064	254	76
Total	40,029	296	3,011	4,458	13,068	10,407	5,800	2,390	515	84
BROOKLYN										
Live Births	39,361	123	1,843	3,323	11,141	11,839	7,603	3,014	473	2
Spontaneous Terminations ..	1,661	5	56	106	356	494	338	204	78	24
Induced Terminations	33,682	334	2,644	3,798	10,879	8,211	4,759	2,263	629	165
Total	74,704	462	4,543	7,227	22,376	20,544	12,700	5,481	1,180	191
QUEENS										
Live Births	23,222	49	675	1,284	5,716	7,894	5,303	1,955	342	4
Spontaneous Terminations ..	1,113	0	29	41	249	344	245	154	42	9
Induced Terminations	17,386	133	1,205	1,930	5,552	4,336	2,467	1,280	426	57
Total	41,721	182	1,909	3,255	11,517	12,574	8,015	3,389	810	70
RICHMOND										
Live Births	4,817	6	102	191	1,047	1,805	1,238	383	44	1
Spontaneous Terminations ..	477	1	13	31	79	149	128	46	26	4
Induced Terminations	2,380	16	232	299	747	523	330	175	45	13
Total	7,674	23	347	521	1,873	2,477	1,696	604	115	18
OTHER*										
Live Births	7,221	2	41	84	729	2,346	2,740	1,124	151	4
Spontaneous Terminations ..	309	0	0	5	33	70	104	69	22	6
Induced Terminations	6,996	105	792	901	2,012	1,412	930	596	191	57
Total	14,526	107	833	990	2,774	3,828	3,774	1,789	364	67

*Includes Nonresidents and Residence Unknown.

Table 19.

Live Births by Age of Mother, New York City, 1984

	Total Births	AGE OF MOTHER								Not Stated
		Under 15 Years	15-17	18-19	20-24	25-29	30-34	35-39	40 & Over	
Total Live Births	113,332	315	4,776	8,248	29,168	34,603	24,556	9,951	1,696	19
Sex										
Male	57,746	168	2,462	4,219	14,914	17,610	12,447	5,078	837	11
Female	55,586	147	2,314	4,029	14,254	16,993	12,109	4,873	859	8
Race of Child										
White	66,618	118	2,043	3,912	16,124	21,042	15,875	6,428	1,062	14
Black	41,029	193	2,711	4,277	12,241	11,309	6,896	2,855	542	5
Amer. Indian	37	—	—	—	8	14	10	4	1	—
Chinese	2,506	1	5	12	317	1,070	836	239	26	—
Japanese	209	—	1	—	8	75	83	39	3	—
Filipino	470	1	—	2	39	120	158	127	23	—
Other non-white	2,463	2	16	45	431	973	698	259	39	—
Race of Child for Mothers of										
Hispanic Origin/Descent	33,115	107	1,857	3,225	10,473	9,238	5,511	2,226	469	9
White	27,915	98	1,638	2,831	8,901	7,578	4,596	1,861	404	8
Black	5,035	9	218	385	1,526	1,604	880	349	63	1
Amer. Indian	4	—	—	—	2	1	1	—	—	—
Chinese	20	—	—	1	4	7	4	4	—	—
Japanese	3	—	—	—	1	2	—	—	—	—
Filipino	8	—	—	1	3	1	2	1	—	—
Other non-white	130	—	1	7	36	45	28	11	2	—
Number of Child in Order of Birth (Live Births Only)										
First child	54,445	307	4,212	6,185	16,224	15,253	8,705	3,075	471	13
Second child	31,791	8	519	1,700	8,622	10,706	7,325	2,579	330	2
Third child	15,223	—	43	307	3,073	5,133	4,514	1,879	272	2
Fourth child	6,341	—	2	48	908	2,142	2,002	1,024	215	—
Fifth child	2,731	—	—	7	249	851	953	527	143	1
Sixth child or more	2,801	—	—	1	92	518	1,057	867	265	1
Weight at Delivery										
999 grams and under	793	4	61	56	206	218	173	69	5	1
1000-1499 grams	941	3	62	83	234	254	196	92	17	—
1500-1999 grams	1,776	9	100	179	468	485	368	133	33	1
2000-2499 grams	6,008	36	338	574	1,661	1,653	1,169	492	84	1
2500-2999 grams	22,220	75	1,212	2,057	6,172	6,388	4,366	1,650	297	3
3000-3499 grams	45,360	130	1,990	3,262	11,964	13,925	9,551	3,889	642	7
3500-3999 grams	27,890	54	849	1,650	6,704	8,993	6,522	2,654	460	4
4000-4499 grams	6,945	4	146	330	1,477	2,229	1,830	798	130	1
4500 grams and over	1,399	—	18	57	282	458	381	174	28	1
Plurality										
Single	110,890	315	4,725	8,117	28,651	33,855	23,898	9,650	1,661	18
Twins	2,374	—	51	131	504	721	641	290	35	1
Triplets	55	—	—	—	13	19	17	6	—	—
Quadruplets	13	—	—	—	—	8	—	5	—	—
Place of Birth										
Home	157	—	1	8	27	51	45	20	5	—
Hospital										
Voluntary	82,087	176	2,604	4,436	18,525	26,750	20,119	8,128	1,341	8
Proprietary	817	—	5	29	221	281	200	71	10	—
Municipal	29,977	138	2,166	3,773	10,358	7,427	4,079	1,691	336	9
Maternity Center	284	—	—	1	35	89	113	41	4	1
Other	10	1	—	1	2	5	—	—	—	1
Attendant										
Ambulance	660	7	38	62	205	170	111	53	14	—
In Hospital										
Private Service	56,560	45	825	1,583	10,477	19,888	16,146	6,557	1,033	6
General Service	48,659	225	3,429	5,769	16,075	12,637	7,067	2,873	574	10
Nurse Midwife	7,002	37	483	824	2,347	1,763	1,074	407	66	1
Other	451	1	1	10	64	145	158	61	9	2
Financial Coverage										
Self	9,490	16	357	728	2,579	2,811	2,026	822	149	2
Medicaid	39,780	224	3,176	5,367	13,851	9,664	5,125	1,995	371	7
Third Party	61,489	69	1,135	1,915	11,987	21,395	16,897	6,939	1,144	8
Not stated	2,573	6	108	238	751	733	508	195	32	2
Month of First Visit for Prenatal Care										
No Care	9,471	63	783	1,253	3,135	2,312	1,323	513	88	1
Early (1-6 months)	87,403	136	2,744	5,078	20,815	28,089	20,666	8,463	1,398	14
Late (7-9 months)	10,930	85	935	1,300	3,561	2,698	1,606	607	136	2
Not stated	5,528	31	314	617	1,657	1,504	961	368	74	2
Legitimacy										
In wedlock	70,494	5	498	1,972	15,136	24,851	19,064	7,682	1,276	10
Out of wedlock	42,838	310	4,278	6,276	14,032	9,752	5,492	2,269	420	9
Nativity of Mother										
Puerto Rico	8,575	18	450	890	2,533	2,160	1,540	799	184	1
Native	65,438	275	3,722	5,822	17,377	19,199	13,480	4,839	717	7
Foreign	39,280	22	604	1,533	9,245	13,235	9,532	4,308	795	6
Not stated	39	—	—	3	13	9	4	5	—	5

**Table 20. Spontaneous Terminations by Gestation and Age of Woman
New York City, 1984**

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			
Under 13.....	2,510	2	48	106	461	726	609	383	163	12	
13-15.....	559	—	15	27	120	161	130	83	22	1	
16-19.....	397	3	12	19	83	120	86	54	18	2	
20-27.....	508	2	27	31	110	156	118	54	10	—	
28 & Over.....	672	1	22	43	155	189	161	82	17	2	
Not Stated.....	314	1	10	21	68	69	52	37	13	43	
Total	4,960	9	134	247	997	1,421	1,156	693	243	60	

**Table 21. a) Live Births and Infant Deaths by Birth Weight and Color
New York City, 1984**

Birth Weight (in Grams)	Live Births			Infant Deaths								
				Under One Year			Under 28 Days			Under 7 Days		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
Less than 1000	793	328	405	471	212	259	423	197	226	388	182	206
1000-1499	941	411	530	137	67	70	92	48	44	74	37	37
1500-1999	1,776	861	915	99	58	41	79	49	30	67	42	25
2000-2499	6,008	2,907	3,101	108	56	52	54	36	18	39	26	13
Less than 2500	9,518	4,507	5,011	815	393	422	648	330	318	568	287	281
2500-2999	22,220	11,479	10,741	185	89	96	73	46	27	56	35	21
3000-3499	45,360	26,693	18,667	199	94	105	76	41	35	50	28	22
3500-3999	27,890	18,201	9,689	103	53	50	46	24	22	35	20	15
4000-4499	6,945	4,802	2,143	17	15	2	13	11	2	11	10	1
4500-4999	1,119	779	340	9	5	4	6	3	3	4	1	3
5000 & Over	144	95	49	2	2	—	2	2	—	2	2	—
2500 & Over	103,678	62,049	41,629	515	258	257	216	127	89	158	96	62
Not Stated	136	62	74	89	49	40	85	47	38	85	47	38
Unmatched**				121	86	35	65	47	18	52	36	16
Total	113,332	66,618	46,714	1,540	786	754	1,014	551	463	863	466	397

**b) Infant Mortality Rates (per 1,000 live births) by Birth Weight and Color
New York City, 1984**

Birth Weight (in Grams)	Under One Year			Under 28 Days			Under 7 Days		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
Less than 1000	593.9	646.3	557.0	533.4	600.6	486.0	489.3	554.9	443.0
1000-1499	145.6	163.0	132.1	97.8	116.8	83.0	78.6	90.0	69.8
1500-1999	55.7	67.4	44.8	44.5	56.9	32.8	37.7	48.8	27.3
2000-2499	18.0	19.3	6.8	9.0	12.4	5.8	6.5	8.9	4.2
Less than 2500	85.6	87.2	84.2	68.1	73.2	63.5	59.7	63.7	56.1
2500-2999	8.3	7.8	8.9	3.3	4.0	2.5	2.5	3.0	2.0
3000-3499	4.4	3.5	5.6	1.7	1.5	1.9	1.1	1.0	1.2
3500-3999	3.7	2.9	5.2	1.6	1.3	2.3	1.3	1.1	1.5
4000-4499	2.4	3.1	0.9	1.9	2.3	0.9	1.6	2.1	0.5
4500-4999	8.0	6.4	11.8	5.4	3.9	8.8	3.6	1.3	8.8
5000 & Over	13.8	*	—	13.8	*	—	13.8	*	—
2500 & Over	5.0	4.2	6.2	2.1	2.0	2.1	1.5	1.5	1.5
Total	13.6	11.8	16.1	8.9	8.3	9.9	7.6	7.0	8.5

*Rate not computed where base is less than 100

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

Table 22.

**Live Births by Selected Characteristics and Infant Deaths
by Health Center District of Residence, New York City, 1984**

DISTRICT	Live Births	(1) Rate	Percent of Total Live Births								Infant Mortality Under 1 Year		Neonatal Mortality Under 28 Days	
			Mother's Descent or Origin			First Live Birth	Under 2500 grams	Late or no Prenatal care	Out of Wedlock	On Medicaid	Number	Rate (2)	Number	Rate (2)
			Puerto Rican	Hispanic Other	Nonwhite									
NEW YORK CITY	113,332	16.0	15.8	13.4	41.2	48.0	8.4	18.0	37.8	35.1	1,540	13.6	1,014	8.9
MANHATTAN	18,414	12.9	14.4	25.0	40.4	53.7	8.8	19.8	41.0	43.4	212	11.5	126	6.8
Central Harlem	1,939	15.9	5.4	3.1	92.8	44.2	16.1	36.3	79.6	69.6	31	16.0	18	9.3
East Harlem	1,862	14.9	41.9	9.3	40.2	49.9	11.4	18.8	60.1	62.9	20	10.7	13	7.0
Kips Bay-Yorkville	1,962	8.5	1.6	4.4	15.5	77.0	4.9	9.0	14.0	7.4	12	6.1	9	4.6
Lower East Side	2,609	11.4	29.6	11.6	39.7	52.2	7.9	15.9	32.2	33.7	43	16.5	20	7.7
Lower West Side	2,526	9.3	7.5	9.4	27.5	65.3	6.5	14.1	22.8	17.0	32	12.7	21	8.3
Riverside	2,231	10.8	12.2	17.6	35.2	59.9	8.3	15.4	35.2	33.9	17	7.6	11	4.9
Washington Heights	5,285	21.9	9.6	63.3	39.1	42.6	8.3	24.7	45.8	61.6	57	10.8	34	6.4
BRONX	20,199	17.3	37.3	13.1	42.4	44.6	10.0	30.9	55.3	52.4	314	15.5	191	9.5
Fordham-Riverdale	3,838	16.3	36.8	15.0	30.6	46.1	8.3	26.4	45.8	45.8	45	11.7	30	7.8
Morrisania	3,123	23.2	35.9	13.2	55.3	43.5	12.1	40.2	70.4	68.7	66	21.1	39	12.5
Mott Haven	2,332	18.8	54.1	14.2	36.6	43.8	12.4	50.3	68.7	64.6	45	19.3	22	9.4
Pelham Bay	2,478	11.3	17.7	4.9	63.7	48.9	9.0	19.2	41.5	31.8	41	16.5	30	12.1
Tremont	4,549	26.3	43.6	16.0	44.4	41.4	10.8	35.0	68.8	69.3	61	13.4	28	6.2
Westchester	3,879	13.7	33.8	12.1	31.2	45.6	8.6	18.7	37.4	31.8	56	14.4	42	11.1
BROOKLYN	39,291	17.6	15.4	8.9	48.7	50.0	8.6	17.0	42.2	40.2	588	15.0	393	10.0
Bay Ridge	2,840	11.4	7.8	4.3	9.2	51.3	6.4	6.9	11.1	12.6	27	9.5	20	7.0
Bedford	4,697	22.5	3.4	5.7	88.5	44.7	10.9	21.1	63.7	54.2	106	22.6	62	13.2
Brownsville	5,005	18.5	14.1	8.5	68.4	43.8	9.4	17.9	58.3	50.5	94	18.8	55	11.0
Bushwick	3,985	23.9	42.4	18.1	42.6	42.2	10.0	25.1	59.1	65.1	53	13.3	40	10.0
Flatbush	8,752	18.3	4.4	6.7	61.7	46.1	7.9	15.4	34.7	26.9	119	13.6	84	9.6
Fort Greene	2,883	19.6	15.3	5.9	73.3	47.6	11.6	24.1	63.8	56.1	61	21.2	44	15.3
Gravesend	3,346	11.6	8.5	4.7	21.0	49.5	6.8	14.9	21.1	16.4	36	10.8	24	7.2
Red Hook-Gowanus	1,509	13.2	27.7	8.8	31.5	51.4	7.4	11.8	43.1	40.0	17	11.3	8	5.3
Sunset Park	3,237	19.7	25.7	13.7	11.7	40.3	6.6	9.4	24.4	31.5	36	11.1	26	8.0
Williamsburg-Greenp't	3,037	21.3	29.5	16.2	17.2	36.1	7.9	18.7	32.3	53.6	39	12.8	30	9.9
QUEENS	23,125	12.2	5.2	17.2	41.3	45.0	7.1	13.4	26.8	19.1	221	9.6	153	6.6
Astoria-Long Is'd City	2,987	12.5	6.4	21.6	27.3	56.2	5.8	15.2	23.4	13.8	23	8.0	20	6.7
Corona	4,263	16.2	4.9	40.9	38.7	52.2	6.3	17.8	25.2	16.1	43	10.1	26	6.1
Flushing	4,096	9.3	2.1	11.1	26.7	51.4	6.2	7.7	10.0	5.0	24	5.9	22	5.4
Jamaica East	4,583	14.2	3.0	7.6	82.8	49.7	9.6	15.6	49.2	34.2	63	13.7	39	8.5
Jamaica West	4,547	13.0	8.7	13.4	41.8	46.2	7.8	13.2	32.4	28.3	46	10.1	31	6.8
Maspeth-Forest Hills	2,649	9.6	6.5	7.1	11.7	53.8	5.6	9.6	10.8	9.2	22	7.9	15	5.7
RICHMOND	4,793	13.6	4.8	3.1	16.2	46.4	6.2	6.4	16.1	14.1	46	9.5	35	7.3
NON-RESIDENTS, RESIDENCE UNKNOWN	291										149	—	107	—
	291										10	—	9	—

(1) Rate per 1,000 population.

(2) Rate per 1,000 live births.

Table 23.

**Live Births to Teenagers by Selected Characteristics and Infant Deaths
by Health Center District of Residence, New York City, 1984**

	Live Births	Percent of Total Live Births	Percent of Live Births to Teenagers								Infant Mortality Under 1 Year		Neonatal Mortality Under 28 Days	
			Mother's Descent or Origin			First Live Birth	Under 2500 grams	Late or No Prenatal Care	Out of Wedlock	On Medicaid	Number	Rate (1)	Number	Rate (1)
			Puerto Rican	Hispanic Other	Nonwhite									
NEW YORK CITY	13,339	11.8	29.4	9.5	54.5	80.2	11.3	34.4	81.4	65.7	215	16.1	123	9.2
MANHATTAN	2,045	11.1	28.5	18.2	55.3	81.5	11.6	35.3	85.2	74.9	29	14.2	18	8.8
Central Harlem	418	21.6	7.9	1.4	91.1	82.3	15.8	39.5	93.1	76.6	6	14.4	2	4.8
East Harlem	368	19.8	51.9	8.2	45.7	81.0	11.7	26.9	85.9	84.2	5	13.6	3	8.2
Kips Bay-Yorkville	156	10.0	9.0	4.5	74.4	89.7	5.8	42.3	98.7	54.5	1	6.4	1	6.4
Lower East Side	234	9.0	65.8	13.2	27.3	75.6	11.1	25.6	79.5	71.4	3	12.8	1	4.3
Lower West Side	133	5.3	24.1	12.8	40.6	81.2	14.3	40.6	75.2	58.6	3	22.6	2	15.0
Riverside	207	9.3	30.9	13.5	58.0	82.6	11.6	38.2	83.6	74.9	4	19.3	3	14.5
Washington Heights	529	10.0	17.8	47.8	43.3	80.9	9.6	37.4	79.0	77.5	7	13.2	6	11.3
BRONX	3,550	17.6	49.0	7.5	43.5	79.1	11.6	44.7	83.9	70.6	63	17.7	29	8.2
Fordham-Riverdale	520	13.5	56.2	9.4	28.8	81.0	9.4	42.5	78.8	67.9	3	5.8	2	3.8
Morrisania	769	24.6	39.1	8.3	55.7	77.5	14.4	31.5	86.3	76.2	21	27.3	1.0	13.0
Mott Haven	587	25.2	62.2	7.7	34.6	78.0	11.1	58.8	83.0	70.7	9	15.3	3	5.1
Pelham Bay	292	11.8	16.4	2.4	75.0	89.0	8.9	38.7	84.9	62.7	6	20.5	4	13.7
Tremont	931	20.5	56.1	8.6	37.9	75.7	12.4	43.2	86.7	75.8	15	16.1	5	5.4
Westchester	451	11.6	46.8	5.1	42.3	81.4	10.0	34.4	78.0	56.1	9	20.0	5	11.1
BROOKLYN	5,283	13.4	26.7	6.5	60.4	78.5	11.5	29.6	82.1	67.2	93	17.6	58	11.0
Bay Ridge	117	6.2	26.0	6.2	6.8	76.3	7.9	16.4	48.0	46.3	2	11.3	1	5.6
Bedford	840	17.9	5.1	3.3	95.0	78.3	13.2	32.7	94.2	72.9	16	19.0	9	10.7
Brownsville	952	19.0	17.2	5.8	77.8	77.8	12.5	28.5	91.3	68.0	16	16.8	9	9.4
Bushwick	849	21.3	52.7	7.4	41.2	77.5	11.2	32.6	81.5	76.4	9	10.6	7	8.2
Flatbush	694	7.9	9.7	7.3	75.8	82.6	10.1	30.1	79.0	59.2	14	20.2	6	8.6
Fort Greene	593	20.6	19.4	3.2	78.4	76.7	13.7	31.9	92.2	72.2	14	23.6	11	18.5
Gravesend	270	8.1	25.2	3.3	41.5	81.1	10.0	42.2	70.4	46.7	3	11.1	3	11.1
Red Hook-Gowanus	228	15.1	43.9	6.6	44.3	76.3	11.4	14.5	77.2	67.1	7	30.7	4	17.5
Sunset Park	307	9.5	47.9	12.0	6.2	80.8	9.8	17.3	57.9	54.1	7	22.8	5	16.3
Williamsburg-Greenp't.	373	12.3	56.6	15.0	18.5	77.2	9.7	29.8	69.2	74.0	5	13.4	3	8.0
QUEENS	2,001	8.7	6.9	13.2	61.0	84.9	9.5	30.2	75.9	49.5	21	10.5	12	6.0
Astoria-Long Is'g City ...	232	7.8	6.9	18.1	38.4	90.1	7.3	36.2	68.5	28.0	2	8.6	1	4.3
Corona	294	6.9	5.4	37.4	39.1	82.0	8.8	34.0	62.9	38.4	3	10.2	1	3.4
Flushing	137	3.3	7.3	18.2	24.1	90.5	10.2	31.4	59.9	30.7	3	21.9	3	21.9
Jamaica East	714	15.6	2.1	5.0	89.4	84.7	8.8	24.5	86.6	56.6	9	12.6	6	8.4
Jamaica West	543	11.9	11.4	8.3	62.8	83.1	11.6	30.2	79.0	61.3	4	7.4	1	1.8
Maspeth-Forest Hills	81	3.1	23.5	7.4	4.9	85.2	8.6	43.2	49.4	38.3	0	—	0	—
RICHMOND	296	6.2	9.1	4.0	37.5	82.4	9.1	23.0	70.3	51.0	4	13.5	2	6.8
NON-RESIDENTS	127										4	—	3	—
RESIDENCE UNKNOWN	37										1	—	1	—

(1) Rate per 1,000 live births.

Table 24.

**Infant and Puerperal Mortality by Mother's Ethnic Group
New York City, 1974-1984**

Ethnic Group*	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Live Births	110,642	109,418	109,995	110,486	106,720	106,021	107,066	108,547	111,487	112,353	113,332
Puerto Rican	14,518	13,856	13,213	12,535	19,006	18,169	17,838	18,104	18,289	18,014	17,887
Other Hispanic	—	—	—	—	10,923	11,484	11,644	12,392	13,704	14,463	15,228
Asian	—	—	—	—	8,269	8,416	8,327	8,429	8,749	8,947	9,127
Other White	59,180	56,587	57,595	56,943	35,779	35,286	35,548	35,516	35,653	35,788	35,405
Other Nonwhite	36,944	38,975	39,187	41,008	32,743	32,666	33,709	34,106	35,092	35,141	35,685
Infant Deaths	2,175	2,110	2,092	1,971	1,827	1,767	1,719	1,678	1,706	1,603	1,540
Puerto Rican	252	245	206	209	282	282	265	256	287	238	257
Other Hispanic	—	—	—	—	117	141	132	129	151	135	131
Asian	—	—	—	—	85	81	88	77	73	72	74
Other White	1,014	940	877	823	550	515	491	453	420	403	373
Other Nonwhite	909	925	1,009	939	793	748	743	763	775	755	705
Infant Mortality Rates (1)...	19.7	19.3	19.0	17.8	17.1	16.7	16.1	15.5	15.3	14.3	13.6
Puerto Rican	17.4	17.7	15.6	16.7	14.8	15.5	14.9	14.1	15.7	13.2	14.4
Other Hispanic	—	—	—	—	10.7	12.3	11.3	10.4	11.0	9.3	8.6
Asian	—	—	—	—	10.3	9.6	10.6	9.1	8.3	8.0	8.1
Other White	17.1	16.6	15.2	14.5	15.4	14.6	13.8	12.8	11.8	11.3	10.5
Other Nonwhite	24.6	23.7	25.7	22.9	24.2	22.9	22.0	22.4	22.1	21.5	19.8
Deaths Under 28 Days	1,611	1,586	1,541	1,390	1,274	1,257	1,203	1,144	1,173	1,070	1,014
Puerto Rican	185	188	153	164	227	188	180	165	194	165	162
Other Hispanic	—	—	—	—	94	106	98	86	109	98	95
Asian	—	—	—	—	64	64	62	56	52	47	52
Other White	772	716	632	584	375	374	352	325	306	279	273
Other Nonwhite	654	682	756	642	514	525	511	512	512	481	432
Neonatal Mortality Rates (1)...	14.6	14.5	14.0	12.6	11.9	11.9	11.2	10.5	10.5	9.5	8.9
Puerto Rican	12.7	13.6	11.6	13.1	11.9	10.3	10.1	9.1	10.6	9.2	9.1
Other Hispanic	—	—	—	—	8.6	9.2	8.4	6.9	8.0	6.8	6.2
Asian	—	—	—	—	7.7	7.6	7.4	6.6	5.9	5.3	5.7
Other White	13.0	12.7	11.0	10.3	10.5	10.6	9.9	9.2	8.6	7.8	7.7
Other Nonwhite	17.7	17.5	19.3	15.7	15.7	16.1	15.2	15.0	14.6	13.7	12.1
Puerperal Deaths	28	26	32	24	18	27	41	33	37	44	21
Puerto Rican	3	0	5	1	0	4	9	3	5	3	1
Other Hispanic	—	—	—	—	3	1	0	4	6	8	3
Asian	—	—	—	—	2	0	1	1	1	1	0
Other White	5	9	17	7	3	5	7	6	8	8	4
Other Nonwhite	20	17	10	16	10	17	24	19	17	24	13
Puerperal Mortality Rates (2)...	2.5	2.4	2.9	2.2	1.7	2.5	3.8	3.0	3.3	3.9	1.9
Puerto Rican	2.1	—	3.8	0.8	0	2.2	5.0	1.7	2.7	1.7	0.6
Other Hispanic	—	—	—	—	2.7	0.9	0	3.2	4.4	5.5	2.0
Asian	—	—	—	—	2.4	0	1.2	1.2	1.1	1.1	0
Other White	0.8	1.6	3.0	1.2	0.8	1.4	2.0	1.7	2.2	2.2	1.1
Other Nonwhite	5.4	4.4	2.6	3.9	3.0	5.2	7.1	5.6	4.8	6.8	3.6

* Beginning in 1978, Puerto Rican, Other Hispanic and Asian are based on descent or origin of mother regardless of color. Those of other descent or origin are classified as white or nonwhite. Prior to 1978, Puerto Rican refers to women born in Puerto Rico.

(1) Rate per 1,000 live births.

(2) Rate per 10,000 live births.

Table 25.

Cases of Reportable Diseases, New York City, 1940-1984

Year	Pulmonary Tuberculosis	Measles	Scarlet Fever	Chickenpox	Whooping Cough	Meningococcal Meningitis	Polio-myelitis	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	40,859	20	1,897	163
1977	1,189	804	583	3,936	47	64	0	4,749	1,881	39,302	30	1,604	336
1978	1,034	405	271	2,733	54	88	0	5,657	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

Hepatitis made reportable December 1945. Figures for 1900-1939 appear in Annual Summaries for 1960 and earlier.

*1972-1976 figures corrected to remove duplicates.

Table 26. Incidence of Acquired Immunodeficiency Syndrome in New York City By Sex, Major Risk Group, and Year of Diagnosis

Sex / Risk Group	1980	1981	1982	1983	1984
Male					
Gay/bisexual*	14	105	272	573	962
Intravenous Drug User	11	22	126	258	457
Other	1	8	20	42	81
Total	26	135	418	873	1500
Female					
Intravenous Drug User	0	7	24	60	92
Other	0	1	13	39	51
Total	0	8	37	99	143

*Excludes intravenous drug users.

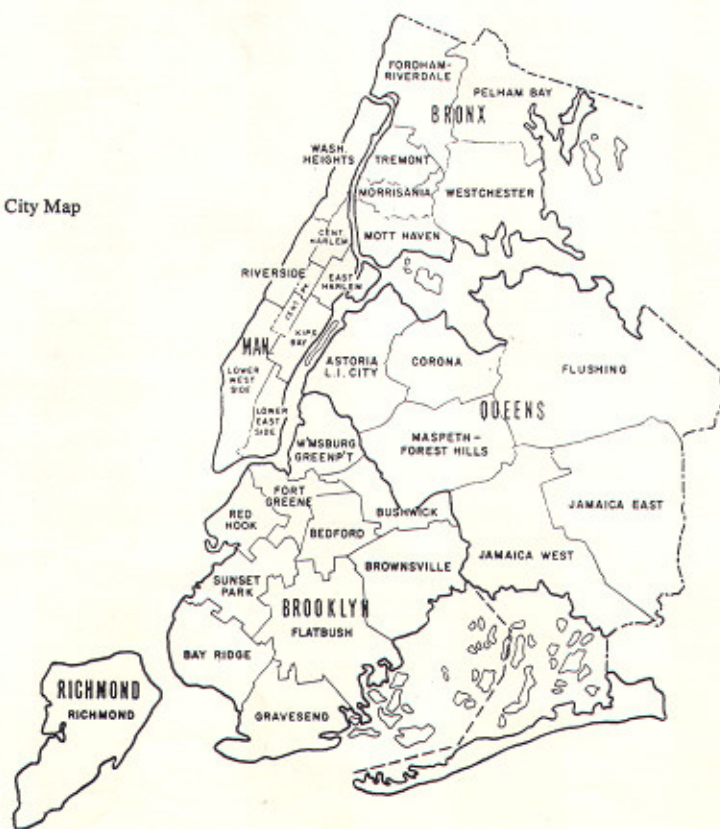
Table 27.

**Expectation of Life in New York City at Specified Ages,
1950, 1960, 1970, 1980 and United States 1980**

MALE										
Exact Age in Years	New York City								United States	
	1950		1960		1970		1980		1980	
	White	Nonwhite	White	Nonwhite	White	Nonwhite	White	Nonwhite	White	Nonwhite
0	66.1	59.3	67.3	60.8	67.1	61.5	69.1	65.4	70.7	65.3
5	63.4	58.0	64.3	59.2	63.7	58.9	65.4	61.8	66.8	61.9
10	58.6	53.3	59.5	54.5	58.9	54.0	60.6	57.0	61.9	57.1
15	53.7	48.5	54.6	49.6	54.0	49.2	55.7	52.0	57.0	52.2
20	48.9	44.0	49.8	45.0	49.4	44.8	51.0	47.7	52.4	47.5
30	39.4	35.5	40.4	36.3	40.4	36.8	42.1	39.0	43.2	38.8
40	30.1	27.4	31.2	28.5	31.4	29.1	33.2	30.8	34.0	30.3
50	21.8	20.4	22.6	21.5	23.3	22.2	24.9	23.3	25.2	22.6
60	15.0	15.0	15.6	15.7	16.3	16.5	17.6	16.9	17.5	16.2
70	9.7	10.7	10.1	11.5	10.8	12.0	11.6	11.7	11.3	11.1

FEMALE										
Exact Age in Years	New York City								United States	
	1950		1960		1970		1980		1980	
	White	Nonwhite	White	Nonwhite	White	Nonwhite	White	Nonwhite	White	Nonwhite
0	71.2	64.2	73.1	67.6	74.8	71.2	77.1	74.2	78.1	73.6
5	68.0	62.6	69.8	65.6	71.2	68.5	73.3	70.7	74.0	70.2
10	63.2	57.8	64.9	60.8	66.4	63.6	68.4	65.8	69.1	65.3
15	58.3	53.0	60.0	55.9	61.5	58.7	63.5	60.9	64.2	60.4
20	53.4	48.4	55.2	51.1	56.7	54.0	58.7	56.0	59.4	55.5
30	43.8	39.5	45.5	41.9	47.1	44.7	49.1	46.6	49.7	46.0
40	34.4	30.9	36.1	33.4	37.8	36.0	39.6	37.4	40.1	36.8
50	25.6	23.4	27.2	25.6	29.0	28.1	30.6	28.9	30.9	28.3
60	17.7	17.3	19.0	18.7	20.9	21.2	22.3	21.3	22.4	20.7
70	11.1	11.9	11.9	13.0	13.6	15.1	14.9	14.6	14.8	14.2

Figure 3
New York City Map



NEW YORK CITY VITAL STATISTICS, 1984
HIGHLIGHTS

This Annual Summary of Vital Statistics has been expanded. New this year are data on AIDS (acquired immunodeficiency syndrome), more detailed information on teenaged pregnancy, and natality and infant mortality among those of Hispanic descent. To facilitate use of Health Center District tables, a map showing Health Center District boundaries has been added.

General Trends

The number of live births increased for the fifth consecutive year; the infant mortality rate declined for the eleventh consecutive year, reaching a new low of 13.6 per 1000 live births. The total mortality rate increased for the second consecutive year and stood at 10.5 deaths per 1000 population (Table 1). The number of deaths increased by 734, from 73,544 in 1983 to 74,278 in 1984. Much of the rise can be attributed to AIDS mortality, which increased by 527 from 425 in 1983 to 952 in 1984.

AIDS

Mortality data for AIDS, shown in Tables 3, 4 and 11, represent the number of deaths assigned to code 279.1 of the International Classification of Diseases, Ninth Revision. All deaths coded to 279.1 were checked against the New York City AIDS surveillance registry and 82% were identified as reported cases of AIDS. The remaining 18% were not documented sufficiently to meet the Centers for Disease Control criteria for AIDS. Most of these cases died of opportunistic infections.

On the other hand, death certificates of registry AIDS cases who died were reviewed and it was found that 85% of these deaths were coded to 279.1. Some other causes were Pneumocystis pneumonia (136.3), carcinoma of the skin (173.9) and bronchopneumonia, organism unspecified (485).

As seen in Table 4, AIDS was the ninth leading cause of death in the city. Among those 25-34 years of age, it was the second leading cause of death for males and the third leading cause for females. The distribution of AIDS deaths by district of residence (Table 11) shows the highest frequencies in Lower West Side, Riverside and Lower East Side.

Table 26 presents the annual incidence of AIDS since 1980 as reported to the New York City AIDS surveillance registry.

Teenaged Pregnancy

In 1984, 13,339 or 11.8% of live births were to teenaged mothers. Information on teenaged pregnancy is presented in Tables 18, 19, 20 and 23. Table 23 shows characteristics of births to teenaged mothers and infant mortality by district of residence. Comparison of these characteristics can be made with Table 22 which presents data for mothers of all ages. Caution should be used in interpreting infant mortality rates in those districts with a small number of births, since such rates tend to be unstable.

Data in Table 19 show that among the 13,339 teenaged births, 5,091 or 38.1% were to mothers under 18. Among these young teenagers 18.6% of births were below 2500 grams, compared to 10.8% for those 18-19 years old.

Hispanic Descent

Tables 13, 17, 19, 22, 23 and 24 show vital statistics for those of Hispanic descent. In 1984, Hispanic mothers accounted for 29.2% of all births. As seen in Table 24, since 1978 births to mothers of Puerto Rican descent or origin have remained relatively stable and births to other Hispanic mothers have been increasing. Infant mortality rates for mothers of Puerto Rican descent are higher than those for mothers of other Hispanic descents.

Table 19, which shows characteristics of live births by maternal age, now includes the distribution of the child's race for mothers of Hispanic descent.

Table 17 shows that mothers of Puerto Rican descent were the predominant Hispanic group in the Bronx, Brooklyn, and Richmond and those of non-Puerto Rican Hispanic descents were the predominant Hispanic groups in Manhattan and Queens. Tables 22 and 23 present the percentage of Hispanic births within each district.

Infant Mortality

Infant mortality data are presented in Tables 1, 4, 12 and 21-24. As seen in Table 1 infant mortality has been declining since 1974. The chief causes of death for those under one year of age are included in Table 4. Although death due to congenital anomalies is the leading cause for infants dying in New York City, 14.7% of deaths from this cause were to infants born outside of New York City.

Tables 22 and 23 show infant and neonatal mortality rates by Health Center District of residence for total New York City births and for teenaged births respectively. Bedford, Fort Greene and Morrisania had the highest infant mortality rates for mothers of all ages. Among births to teenagers the highest infant mortality rates were observed in Red Hook, Morrisania and Fort Greene.

Returning to the Summary after an absence of several years, infant mortality by birthweight and color group is presented in Table 21. These mortality data are based on a file linking birth and infant death records which contains all infant deaths occurring in 1984 and their matching birth certificates. Birth certificates were identified for 92% of infant deaths. The white infant mortality rate was 11.8 per 1000 live births compared to 16.1 for the non-white group. For birthweight categories under 2500 grams the nonwhite population had lower infant mortality rates than did the white group. For births of 2500 grams or more the white group had a lower infant mortality rate than the nonwhite group. Differences in overall infant mortality between whites and nonwhites can be attributed to the differences in birthweight distributions: among white infants 6.8% (4,507/66,618) weighed below 2500 grams at birth compared to 10.7% for the nonwhite group.

ERRATA

1. In Table 1, data for the years 1946-1950 were omitted.

AVERAGE NUMBER

YEAR	Estimated Population July 1	LIVE BIRTHS*		MARRIAGES		DEATHS		INFANT MORTALITY	
		Total Re- ported	Rate per 1,000	Total Re- ported	Rate per 1,000	Total Re- ported	Rate per 1,000	Deaths under one year	Rate per 1,000 live births
1946-1950	7,815,000	158,926	20.3	90,924	11.6	79,708	10.2	4,139	26.0

2. In Table 4, the numbers of deaths among females aged 45 to 64 years due to Cirrhosis of Liver and Cerebrovascular Diseases were misprinted.

Cirrhosis of Liver 229
Cerebrovascular Diseases 252

TECHNICAL NOTES

All data presented (with the exception of census figures) are based on events occurring in New York City to both residents and nonresidents. Vital statistics are based on certificates of birth, death and induced and spontaneous terminations of pregnancy, filed with the Bureau of Vital Records, New York City Department of Health.

Ethnic and race data are drawn from three certificate items: race, descent or origin, and birthplace. Descent or origin and race, either alone or in combination, are the more commonly used ethnic descriptors. Prior to 1978 the only Hispanics identified were those born in Puerto Rico. Beginning in 1978 certificates for vital events requested information on descent or origin.

Trauma deaths include homicide, suicide, accident and injury undetermined whether accidentally or purposely inflicted. A substantial portion of trauma deaths are classified as injury undetermined. This means that by the close of the year, such deaths were not definitely classified as homicide, suicide or accident. Therefore, when analyzing trauma deaths the undetermined injury group should always be considered. This is particularly important in the age group under five where more than a quarter of trauma deaths were classified as injury undetermined.

Post-neonatal mortality, which refers to deaths from 28 days up to one year of age, can be obtained by subtraction in those tables which give both infant and neonatal mortality. For example, in Table 22, the total New York City infant mortality is 1,540 deaths, a rate of 13.6; and the neonatal mortality is 1,014 deaths, a rate of 18.9. By subtraction, the post-neonatal mortality is found to be 526 deaths, with a rate of 4.7.