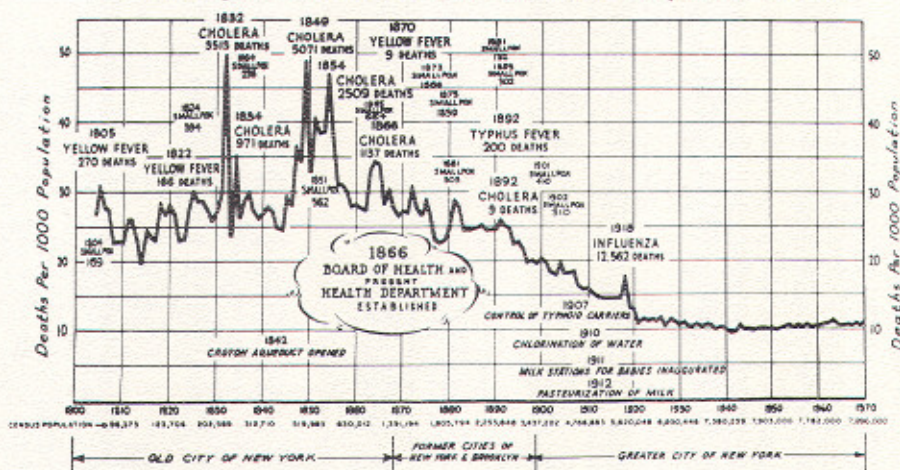


SUMMARY OF VITAL STATISTICS 1977 THE CITY OF NEW YORK

*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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Table 1. Population, Births, Marriages, Deaths and Infant Mortality, 1898-1977
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
1946-1950	7,815,000	158,926	20.3	90,924	11.6	79,708	10.2	4,139	26.0
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	7,883,000	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	7,896,000	131,920	16.7	73,810	9.3	86,724	11.0	2,751	20.9
1972	7,896,000	117,088	14.8	73,253	9.3	85,363	10.8	2,321	19.8
1973	7,896,000	110,639	14.0	70,104	8.9	82,319	10.4	2,206	19.9
1974	7,896,000	110,642	14.0	61,925	7.8	79,846	10.1	2,175	19.7
1975	7,896,000	109,418	13.9	59,591	7.5	76,312	9.7	2,110	19.3
1976	7,615,000	109,995	14.4	55,829	7.3	77,538	10.2	2,092	19.0
1977	7,615,000	110,486	14.5	52,804	6.9	75,011	9.9	1,971	17.8

NOTE: 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 undoubtedly incomplete.

Table 2 Births and Deaths in New York City by Borough of Residence and Occurrence, 1977

BIRTHS						
Borough of Residence	Borough of Occurrence					
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond
Manhattan	16,877	16,184	400	115	169	9
Bronx	20,043	5,279	14,574	81	108	1
Brooklyn	39,672	3,357	63	35,402	794	56
Queens	22,575	3,091	207	1,622	17,640	15
Richmond	4,321	160	9	553	25	3,574
Non Residents	6,762	2,733	1,178	570	2,178	103
Residence Unknown	236	148	39	33	13	3
Total	110,486	30,952	16,470	38,376	20,927	3,761
DEATHS						
Borough of Residence	Borough of Occurrence					
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond
Manhattan	15,476	14,368	692	158	212	46
Bronx	11,943	1,392	10,338	55	140	18
Brooklyn	21,620	1,611	171	18,717	815	306
Queens	18,208	2,016	288	1,166	14,701	37
Richmond	2,597	113	6	95	16	2,367
Non Residents	4,505	2,411	640	322	1,025	107
Residence Unknown	662	344	112	105	88	13
Total	75,011	22,255	12,247	20,618	16,997	2,894

Table 3. Deaths by Cause and Borough of Residence, City of New York, 1977

CAUSE OF DEATH	Total Recorded in New York City	Known Residents by Borough of Residence					Res. of Inst.	Known Non-Residents of City	Permanent Res. Unknown
		Manhattan	Bronx	B'klyn	Queens	Rich'd			
TOTAL, ALL CAUSES	75,011	14,758	10,795	20,950	17,815	2,487	3,039	4,505	622
1. Total tuberculosis (010-019)	175	71	21	48	21	3	0	6	5
Respiratory tuberculosis (010-012)	151	65	18	39	17	3	0	4	5
Other forms (013-019)	24	6	3	9	4	0	0	2	0
2. Syphilis and its sequelae (090-097)	4	1	0	2	0	0	0	1	0
3. Infectious hepatitis (070)	43	12	4	13	8	1	0	4	1
4. Other hepatic and parasitic diseases (Rest of 090-136)	411	77	69	128	84	11	9	29	4
5. Malignant neoplasms, all (140-209)	16,741	3,114	2,115	4,245	3,962	595	1,041	1,633	36
Buccal cavity and pharynx (140-149)	440	112	43	87	83	17	59	37	2
Digestive organs and peritoneum (150-159)	5,096	952	693	1,398	1,206	189	308	341	9
Stomach (151)	837	170	131	225	175	32	47	57	0
Large intestine (153)	1,955	351	258	543	493	73	117	115	5
Rectum (154)	442	69	51	116	111	17	41	36	1
Biliary passages and liver (155, 156)	434	81	60	119	101	19	25	27	2
Pancreas (157)	903	169	108	268	199	31	53	74	1
Respiratory system (160-163)	3,606	652	451	923	918	143	218	288	13
Trachea, bronchus, and lung (162)	3,363	607	427	863	859	132	196	266	13
Breast and Genito-urinary organs (174, 180-189)	4,216	780	501	1,035	1,028	147	300	420	5
Breast (174)	1,677	294	194	416	425	66	104	176	2
Cervix uteri (180)	249	54	33	70	43	6	23	20	0
Ovary, Fallopian tubes and broad ligament (183)	490	82	55	124	119	20	29	60	1
Prostate (185)	746	147	85	196	175	22	64	56	1
Bladder and other urinary organs (188-189)	727	129	96	175	192	18	51	65	1
Other and unspecified sites (170-173, 190-199)	1,794	350	237	458	379	45	115	205	5
Lymphatic and hematopoietic tissues (200-209)	1,589	268	190	344	348	54	41	342	2
Leukemia and leukemia (204-207)	676	106	82	140	148	25	12	162	1
Benign and unspecified neoplasms (210-239)	261	44	19	76	73	10	7	30	2
7. Diabetes (250)	1,537	291	296	462	313	42	61	64	8
8. Alcoholism (303)	313	104	59	99	32	2	0	8	9
9. Drug dependence (304)	318	107	81	49	39	7	0	19	16
10. Total Cardiovascular-renal (390-458, 582-584)	38,225	7,187	5,409	11,016	9,886	1,304	1,517	1,661	245
Cardiovascular disease (430-438)	4,315	875	546	1,070	1,358	149	130	158	29
Diseases of heart (393-398, 410-429)	31,036	5,643	4,436	9,097	7,901	1,087	1,323	1,355	194
Chronic rheumatic heart disease (393-398)	448	82	65	91	114	20	5	70	1
Ischemic heart disease (410-414)	29,442	5,294	4,179	8,681	7,571	1,022	1,301	1,218	176
Other forms of heart disease (420-429)	1,146	267	192	325	216	45	17	67	17
Hypertensive disease (400-404)	458	79	66	132	123	13	19	22	4
Arteriosclerosis (440)	715	224	64	251	129	10	18	13	6
Chronic and unspecified nephritis (582-584)	315	65	46	105	69	9	6	13	2
11. Influenza and pneumonia (470-474, 480-486)	2,907	585	381	822	646	77	246	117	33
12. Bronchitis, emphysema, and asthma (490-493)	579	122	97	138	155	30	15	21	1
13. Ulcer of stomach and duodenum (531-533)	404	96	85	98	87	14	4	20	0
14. Appendicitis (540-543)	25	2	6	8	7	0	0	2	0
15. Intestinal obstruction and hernia (550-553, 560)	226	41	44	50	68	9	1	12	1
16. Cirrhosis of liver (571)	2,202	670	353	558	403	57	6	80	75
17. Acute nephritis and nephrosis (580, 581)	37	10	2	10	8	2	1	4	0
18. Hyperplasia of prostate (600)	61	14	11	17	13	1	0	5	0
19. Complications of pregnancy, childbirth, and the puerperium (630-678)	24	3	4	13	3	0	0	1	0
20. Congenital anomalies (740-759)	563	63	77	176	104	20	4	118	1
21. Certain diseases of perinatal morbidity and mortality (760-779)	1,050	142	195	414	167	36	1	92	3
22. Ill defined (780-796)	840	143	127	331	173	8	0	40	18
23. All other diseases	3,492	763	547	932	752	146	119	209	24
24. Total accidents (800-949)	1,587	266	206	461	418	53	0	146	37
Motor vehicle accidents (810-823)	639	98	78	200	137	27	0	82	17
Home accidents	539	103	80	162	186	15	0	11	2
25. Injury undetermined whether accidentally or purposely inflicted (980-989)	695	176	115	181	90	14	0	48	71
26. Suicide and self inflicted injuries (950-959)	717	226	115	150	147	19	0	45	15
27. Homicide (960-978, 990-999)	1,574	428	357	453	156	26	0	90	64

Numbers in parentheses are those of the International Classification of Disease, Injuries and Causes of Death, 1968 Revision.

Table 4.

Chief Causes of Death in Certain Age Groups (a) City of New York, 1977

Males		ALL AGES	Females	
Deaths	Percent		Deaths	Percent
16,028	40.0	Heart Diseases	15,008	42.9
8,726	21.8	Malignant Neoplasm	8,015	22.9
1,800	4.5	Cerebrovascular Diseases	2,515	7.2
1,561	3.9	Influenza and Pneumonia	1,346	3.8
1,557	3.9	Cirrhosis of Liver	645	1.8
999	2.5	Accidents	588	1.7
1,306	3.3	Homicides	268	0.8
694	1.7	Diabetes Mellitus	843	2.4
607	1.5	Diseases of Early Infancy	443	1.3
470	1.2	Suicides	247	0.7
<u>6,282</u>	<u>15.7</u>	All Other Causes	<u>5,063</u>	<u>14.5</u>
40,030	100.0	Total	34,981	100.0
UNDER ONE YEAR				
213	18.8	Congenital Anomalies	169	20.2
130	11.5	Immaturity	124	14.8
147	13.0	Respiratory Distress Syndrome	92	11.0
136	12.0	Sudden Infant Death Syndrome	102	12.2
92	8.1	Postnatal Asphyxia and Atelectasis	65	7.7
86	7.6	Hyaline Membrane Disease	46	5.5
54	4.8	Influenza and Pneumonia	26	3.1
24	2.1	Birth Injuries	14	1.7
18	1.6	Gastrointestinal Diseases	15	1.8
16	1.4	Diseases of the Nervous System	17	2.0
<u>217</u>	<u>19.1</u>	All Other Causes	<u>168</u>	<u>20.0</u>
1,133	100.0	Total	838	100.0
1 TO 14 YEARS				
127	28.5	Accidents	48	17.5
76	17.0	Malignant Neoplasms	57	20.8
48	10.8	Congenital Anomalies	47	17.2
26	5.8	Diseases of the Nervous System and Sense Organs	21	7.7
24	5.4	Influenza and Pneumonia	15	5.5
18	4.0	Homicides	13	4.7
4	0.9	Infective and Parasitic Diseases	11	4.0
7	1.6	Endocrine, Nutritional and Metabolic Diseases	7	2.6
6	1.3	Diseases of Digestive System	6	2.2
8	1.8	Bronchitis, Emphysema and Asthma	3	1.1
<u>102</u>	<u>22.9</u>	All Other Causes	<u>46</u>	<u>16.7</u>
446	100.0	Total	274	100.0
15 TO 24 YEARS				
347	34.6	Homicides	69	16.8
123	12.1	Accidents	36	8.8
80	8.0	Malignant Neoplasms	55	13.4
79	7.9	Suicides	26	6.4
59	5.9	Drug Dependence	30	7.3
17	1.7	Diseases of Nervous System and Sense Organs	23	5.6
19	1.9	Diseases of the Digestive System	10	2.4
17	1.7	Heart Diseases	10	2.4
14	1.4	Congenital Anomalies	10	2.4
16	1.6	Influenza and Pneumonia	7	1.7
<u>234</u>	<u>23.2</u>	All Other Causes	<u>134</u>	<u>32.8</u>
1,003	100.0	Total	410	100.0
25 TO 44 YEARS				
682	19.8	Homicides	106	6.2
357	10.3	Malignant Neoplasms	415	24.4
424	12.3	Cirrhosis of Liver	164	9.7
397	11.5	Heart Diseases	148	8.7
259	7.5	Accidents	79	4.7
186	5.4	Suicides	97	5.7
155	4.5	Drug Dependence	49	2.9
76	2.2	Cerebrovascular Diseases	81	4.8
81	2.3	Influenza and Pneumonia	45	2.7
92	2.7	Alcoholism	26	1.5
<u>744</u>	<u>21.5</u>	All Other Causes	<u>488</u>	<u>28.7</u>
3,453	100.0	Total	1,698	100.0

Males			45 TO 64 YEARS			Females		
Deaths	Percent		Deaths	Percent		Deaths	Percent	
4,301	39.6	Heart Diseases	2,012	28.5		2,012	28.5	
2,943	27.1	Malignant Neoplasms	2,855	40.5		2,855	40.5	
816	7.5	Cirrhosis of Liver	319	4.5		319	4.5	
383	3.5	Cerebrovascular Diseases	376	5.3		376	5.3	
277	2.6	Influenza and Pneumonia	164	2.3		164	2.3	
233	2.1	Diabetes Mellitus	176	2.5		176	2.5	
225	2.1	Accidents	112	1.6		112	1.6	
203	1.9	Homicides	38	0.5		38	0.5	
111	1.0	Suicides	73	1.0		73	1.0	
113	1.0	Alcoholism	34	0.5		34	0.5	
1,247	11.6	All Other Causes	893	12.8		893	12.8	
10,852	100.0	Total	7,052	100.0		7,052	100.0	
65 TO 74 YEARS								
4,501	45.9	Heart Diseases	3,214	42.5		3,214	42.5	
2,711	27.6	Malignant Neoplasms	2,207	29.2		2,207	29.2	
458	4.7	Cerebrovascular Diseases	524	6.9		524	6.9	
312	3.2	Influenza and Pneumonia	197	2.6		197	2.6	
199	2.0	Diabetes Mellitus	211	2.8		211	2.8	
233	2.4	Cirrhosis of Liver	113	1.5		113	1.5	
119	1.2	Bronchitis, Emphysema and Asthma	53	0.7		53	0.7	
91	0.9	Accidents	78	1.0		78	1.0	
71	0.7	Arteriosclerosis	67	0.9		67	0.9	
45	0.5	Nephritis and Nephrosis	39	0.5		39	0.5	
48	0.5	Suicides	34	0.5		34	0.5	
1,023	10.4	All Other Causes	820	10.9		820	10.9	
9,811	100.0	Total	7,557	100.0		7,557	100.0	
75 AND OVER								
6,800	51.0	Heart Diseases	9,620	56.1		9,620	56.1	
2,559	19.2	Malignant Neoplasms	2,425	14.1		2,425	14.1	
872	6.5	Cerebrovascular Diseases	1,520	8.9		1,520	8.9	
797	6.0	Influenza and Pneumonia	892	5.2		892	5.2	
217	1.6	Diabetes Mellitus	417	2.4		417	2.4	
189	1.4	Arteriosclerosis	331	1.9		331	1.9	
174	1.3	Accidents	233	1.4		233	1.4	
136	1.0	Bronchitis, Emphysema and Asthma	69	0.4		69	0.4	
58	0.4	Septicemia	65	0.4		65	0.4	
68	0.5	Nephritis and Nephrosis	53	0.3		53	0.3	
1,462	11.1	All Other Causes	1,527	8.9		1,527	8.9	
13,332	100.0	Total	17,152	100.0		17,152	100.0	

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

**Table 5. DEATHS BY AGE, SEX AND MARITAL STATUS
NEW YORK CITY, 1977**

	TOTAL DEATHS			SINGLE		MARRIED		WIDOWED		DIVORCED		UNKNOWN	
	All	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All Ages	75,011	40,030	34,981	8,644	6,016	21,991	9,032	6,776	18,225	1,621	1,319	998	389
Under 5	2,260	1,304	956	1,304	956	—	—	—	—	—	—	—	—
5-9	198	122	76	122	76	—	—	—	—	—	—	—	—
10-14	233	153	80	153	80	—	—	—	—	—	—	—	—
15-19	494	342	152	338	146	2	5	1	0	0	1	1	0
20-24	919	661	258	563	169	67	73	0	3	7	4	24	9
25-29	1,162	819	343	515	171	231	128	1	5	38	29	34	10
30-34	1,136	809	327	365	120	313	146	6	6	82	50	43	5
35-39	1,264	808	456	308	145	392	215	7	19	63	67	38	10
40-44	1,589	1,017	572	301	135	539	294	22	49	103	82	52	12
45-49	2,494	1,565	929	396	175	921	548	51	89	141	103	56	14
50-54	3,645	2,206	1,439	462	232	1,362	783	112	248	180	150	90	26
55-59	5,111	3,068	2,043	510	301	2,067	1,075	194	486	221	159	76	22
60-64	6,654	4,013	2,641	612	333	2,722	1,259	358	868	212	148	109	33
65-69	8,121	4,727	3,394	620	451	3,269	1,299	542	1,434	192	168	104	42
70-74	9,247	5,084	4,163	664	525	3,290	1,188	842	2,269	153	119	135	62
75 & Over	30,484	13,332	17,152	1,411	2,001	6,816	2,019	4,640	12,749	229	239	236	144

Table 6. Population in 1970 and Deaths in 1977, City of New York

AGE	1970 POPULATION BY AGE, COLOR, SEX					DEATHS IN 1977 BY AGE, COLOR, AND SEX				
	Total	WHITE		NON-WHITE		Total	WHITE		NON-WHITE	
		Male	Female	Male	Female		Male	Female	Male	Female
All ages	7,894,862	2,851,687	3,197,154	851,668	994,353	75,011	31,381	28,153	8,649	6,828
Under 5	615,831	215,643	206,700	97,592	95,896	2,260	789	499	625	457
5-9	631,748	216,942	207,120	104,957	102,729	198	74	45	48	31
10-14	624,166	220,021	211,777	96,354	96,014	233	97	57	56	23
15-19	602,327	217,211	219,834	80,527	84,755	494	220	94	122	58
20-24	649,640	228,709	227,121	63,586	87,224	919	414	156	247	102
25-29	596,566	216,387	226,749	66,286	87,144	1,162	464	176	355	107
30-34	479,020	169,297	171,582	61,395	76,746	1,136	458	186	351	141
35-39	444,931	157,231	164,548	54,832	68,320	1,264	444	248	364	208
40-44	470,704	169,154	186,387	50,791	64,370	1,589	575	304	442	268
45-49	479,839	173,375	202,993	46,577	56,894	2,494	996	587	569	342
50-54	462,177	170,195	208,548	36,555	46,879	3,645	1,507	947	699	498
55-59	463,418	178,335	218,042	28,758	38,283	5,111	2,214	1,429	854	114
60-64	426,617	168,750	203,930	22,950	30,987	6,654	3,134	1,969	879	672
65-69	355,284	134,286	178,693	17,893	24,412	8,121	3,861	2,689	866	705
70-74	270,715	100,047	143,517	11,447	15,704	9,247	4,321	3,411	763	752
75 & over	321,879	116,104	176,613	11,166	17,996	30,484	11,923	15,362	1,409	1,790

Table 7. Age Specific Death Rates Per 1,000 Population City of New York, 1909-1971

Age	1909-'10-'11		1919-'20*		1929-'30-'31		1939-'40-'41		1949-'50-'51		1959-'60-'61		1969-'70-'71	
	Males/Females	Males/Females	Males/Females	Males/Females	Males/Females	Males/Females	Males/Females	Males/Females	Males/Females	Males/Females	Males/Females	Males/Females	Males/Females	
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

*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 8. Age-Adjusted Death Rates (a) Certain Causes, Per 100,000 Population, City of New York, 1901-1971

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

(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 9.

Deaths from Accidents* City of New York, 1977

Type of accident	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total.....	1,587	59	120	157	338	337	169	407
Occupational.....	37	...	...	...	22	15	...	...
Home.....	559	41	35	18	59	120	82	204
Poisonings (gas excepted).....	3	2	...	1	...	...	...	...
Poisonings by gases and vapors.....	4	...	...	...	...	2	2	...
Fire and flames.....	173	17	23	9	25	45	28	26
Suffocation.....	25	6	2	...	4	7	2	4
Falls.....	309	13	7	4	23	56	48	158
Other home accidents.....	45	3	3	4	7	10	2	16
Motor Vehicle.....	639	18	46	109	184	132	57	93
Injury to pedestrian.....	332	15	36	15	66	74	45	81
Collision with other motor vehicle.....	148	...	4	40	53	36	8	7
Collision with fixed object.....	77	...	1	31	32	10	1	2
Non-collision.....	36	1	3	10	15	6	1	...
Other motor vehicle.....	46	2	2	13	18	6	2	3
Public Non-Motor Vehicle.....	343	...	39	29	71	67	29	108
Subway and elevated train.....	13	...	1	2	2	6	1	1
Air transportation.....	12	...	2	3	5	2	...	...
Fire, explosion.....	29	...	2	4	11	9	2	1
Drowning.....	42	...	19	4	12	3	3	1
Falls.....	181	...	5	10	20	31	19	96
Other public.....	66	...	10	6	21	16	4	9
Type Unknown.....	9	...	...	1	2	3	1	2

*Including 34 deaths occurring in New York City as a result of accidents out of city.

Table 10.

Deaths from Suicides, City of New York, 1977

Type of Suicides	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total.....	717	...	10	105	283	184	82	53
Solid or Liquid Substances.....	128	...	...	14	60	36	11	7
Gases in Domestic use.....	1	...	...	1	...	...	...	...
Other gases.....	12	...	...	...	7	3	2	...
Hanging, Strangulation and Suffocation.....	166	...	9	24	52	41	25	15
Submersion (drowning).....	21	...	...	4	10	3	3	1
Firearms and Explosives.....	99	...	...	19	45	27	2	6
Cutting and Piercing.....	24	...	...	3	9	5	4	3
Jumping from high places.....	228	...	1	33	85	58	33	18
Other and Unspecified.....	38	...	...	7	15	11	2	3
Late Effect.....	...	...	...	...	...	...	...	...

Table 11.

Deaths from Homicides, City of New York, 1977

Type of Homicide	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total.....	1,574	25	18	416	788	241	50	36
Fight, Brawl, or Rape.....	...	...	...	...	...	...	...	...
Corrosive or Caustic Substance.....	...	...	...	...	...	...	...	...
Poisoning.....	...	...	...	...	...	...	...	...
Hanging and Strangulation.....	73	1	2	23	17	13	11	6
Submersion (drowning).....	...	...	...	...	...	...	...	...
Firearms and Explosives.....	929	1	8	285	490	121	19	5
Cutting and Piercing.....	417	3	2	86	223	84	11	8
Pushing from high places.....	6	1	2	1	1	1	...	...
Other and Unspecified.....	140	19	4	17	52	22	9	17
Late Effect.....	...	...	...	...	...	...	...	...
Legal Intervention.....	9	...	...	4	5	...	...	...

Table 12.

Deaths from Injury Undetermined
Whether Accidentally or Purposely Inflicted, 1977

	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total.....	695	53	22	99	251	168	54	48

Table 13.

Deaths and Crude Death

CAUSE	1901-	1906-	1911-	1916-	1921-	1926-	1931-
	1905	1910	1915	1920	1925	1930	1935
Infant deaths.....	15,611	16,609	14,060	12,004	8,985	7,662	5,521
Rate (a).....	120.8	115.2	100.0	88.2	68.9	61.0	52.0
Neonatal deaths.....		(b)	5,143	4,894	4,309	3,892	3,152
Rate (a).....			37.4	36.0	33.0	31.0	29.7
Infant deaths (under 7 days).....	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Rate (a).....							
Fetal deaths (28 wks. gestation & over).....	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Ratio (a).....							
Perinatal rate (c).....	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Measles (55).....	616	925	630	559	405	255	107
Rate (d).....	144.0	191.8	119.8	100.5	73.2	46.8	21.4
Meningococcus men. (36).....	846	485	185	184	106	305	142
Rate.....	22.3	10.8	3.7	3.4	1.7	4.6	2.0
Tuberculosis of resp. sys. (10-12).....	8,154	8,832	8,745	7,915	4,937	4,574	4,068
Rate.....	215.4	197.5	173.2	144.1	80.0	68.2	57.3
Other tuberculosis (13-19).....	1,246	1,288	1,415	1,189	754	670	498
Rate.....	32.9	28.8	28.0	21.6	12.2	10.0	7.0
Influenza (470-474).....	449	412	393	4,480	725	874	625
Rate.....	11.9	9.2	7.8	81.6	11.7	13.0	8.8
Pneumonia (480-486).....	9,976	10,573	10,135	12,656	8,210	9,115	7,580
Rate.....	263.5	236.4	200.7	230.4	133.0	136.0	106.7
Other respiratory (460-466, 490-519).....	3,224	2,307	1,458	1,407	689	622	594
Rate.....	85.2	51.6	38.9	25.6	11.2	9.3	8.4
Malignant neoplasms (140-209) (e).....	2,621	3,334	4,256	4,993	6,229	7,637	9,062
Rate.....	69.2	74.5	84.3	90.9	100.9	113.9	127.6
Diabetes (250).....	520	690	916	1,063	1,284	1,624	2,140
Rate.....	13.7	15.4	18.1	19.4	20.8	24.2	30.1
Cirrhosis of Liver (571).....	814	1,076	900	500	338	413	584
Rate.....	215	24.1	17.8	9.1	5.5	6.2	8.2
Nephritis (580-584).....	5,752	5,600	5,499	5,676	4,108	3,411	3,608
Rate.....	151.9	125.2	108.9	103.4	50.9	50.8	50.9
Circulatory system (390-458).....	5,954	9,148	12,699	14,792	18,114	21,815	23,706
Rate.....	157.3	204.5	251.5	269.3	293.3	325.5	333.8
Vascular lesions (430-438) (f).....	2,593	1,790	970	834	719	723	1,333
Rate.....	68.4	40.0	19.2	15.2	11.6	10.8	20.2
Drug dependence (304).....	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Rate.....							
Suicides (950-959) (i).....	761	825	686	742	842	1,163	1,369
Rate.....	20.1	18.4	17.2	13.5	13.6	17.4	19.3
Homicides (960-978) (990-999).....	143	247	293	271	334	405	522
Rate.....	3.8	5.5	5.8	4.9	5.4	6.0	7.4
Automobile accidents (810-823).....	(b)	(b)	253	658	929	1,175	1,167
Rate.....			5.0	12.0	15.0	17.5	16.4
Home accidents (g).....	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Rate.....							
Other accidents.....	3,521	3,549	3,516	3,426	3,138	3,574	3,205
Rate.....	93.0	79.3	69.3	62.4	50.8	53.3	45.1
Injury undetermined (980-989) (j).....	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Rate.....							
Puerperal diseases (630-678).....	694	745	694	664	689	651	608
Rate—per 10,000 live births.....	53.7	51.7	49.4	48.8	52.8	51.8	57.3

Numbers following disease names are numbers of International List, 8th Revision. (a) Rates are per 1,000 live births. (b) Not available. (c) Fetal deaths (28 wks. +) plus infant deaths (-7 days) per 1,000 live births plus fetal deaths. (28 +). (d) Rates for measles per 100,000 under five years; (e) Includes neoplasms of lymphatic and haematopoietic tissues. (f) Coding changed in 1935, giving greater weight to cerebral hemorrhage than to arteriosclerosis. The rate for 1931-1934 was 9.1 and for 1935 it was 44.9. (g) Beginning with 1956 accidents occurring in other than residential hospitals were classified as "public" rather than "home," thus reducing home accident totals. Beginning with 1958

Death Rates per 100,000 Population, City of New York, 1901 to 1977

ANNUAL AVERAGE

1936-1940	1941-1945	1946-1948	1949-1951	1952-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976	1977
4,079	3,828	4,298	3,882	4,021	4,290	4,333	3,477	2,312	2,092	1,971
39.8	30.3	26.8	24.5	24.6	25.7	26.2	23.6	19.9	19.0	17.8
2,631	2,764	3,298	2,989	3,032	3,220	3,226	2,602	1,714	1,541	1,390
25.7	21.9	20.5	18.9	18.5	19.3	19.5	17.7	14.8	14.0	12.6
2,110	2,338	2,845	2,604	2,713	2,909	2,922	2,351	1,480	1,312	1,154
20.5	18.5	17.7	16.4	16.6	17.4	17.7	16.0	12.8	11.9	10.4
2,589	2,709	2,902	2,441	2,310	2,362	2,276	1,885	1,288	861	956
25.3	21.4	18.1	15.4	14.1	14.1	13.8	12.8	11.1	7.8	8.7
44.7	39.1	35.1	31.3	30.3	31.1	31.0	28.4	23.6	19.6	18.9
31	14	16	10	12	12	8	2	1	0	0
6.5	2.6	2.4	1.4	1.8	1.8	1.1	0.2	0.2	...	...
87	135	40	32	34	27	24	19	10	12	10
1.2	1.8	0.5	0.4	0.4	0.3	0.3	0.2	0.1	0.2	0.1
3,680	3,281	2,932	2,173	1,178	824	624	432	235	162	151
50.0	43.2	37.7	27.4	15.0	10.6	8.0	5.5	3.0	2.1	2.0
345	304	229	172	97	52	43	39	32	25	24
4.7	4.0	2.9	2.2	1.2	0.7	0.5	0.5	0.4	0.3	0.3
250	108	48	57	51	58	32	63	27	108	11
3.4	1.4	0.6	0.7	0.6	0.9	0.4	0.8	0.3	1.4	0.1
5,087	3,345	2,966	2,412	2,613	3,391	3,362	3,499	3,137	3,312	2,896
69.1	44.0	38.2	30.4	33.2	43.4	42.9	44.4	39.7	43.5	38.0
536	492	424	450	461	651	960	1,425	1,627	1,617	1,513
7.3	6.5	5.5	5.7	5.9	8.3	12.3	18.1	20.6	21.2	19.9
11,257	13,169	14,627	15,556	16,553	16,869	17,387	17,814	17,315	17,056	16,741
152.9	173.3	188.2	196.0	210.6	216.1	222.1	226.3	219.3	224.0	219.8
2,787	3,131	3,423	1,583	1,644	1,581	1,789	1,867	2,064	1,671	1,537
37.9	41.2	44.0	19.9	20.9	20.3	22.9	23.7	26.1	21.9	20.2
922	1,052	1,365	1,500	1,440	1,858	2,386	2,936	2,440	2,310	2,202
12.5	138	17.5	19.2	18.3	23.8	30.5	37.3	30.9	30.3	28.9
3,675	3,081	2,574	570	556	573	509	447	372	430	352
40.6	40.6	33.1	7.2	7.1	7.3	6.5	5.7	4.7	5.6	4.6
25,711	30,886	32,539	36,206	37,724	38,988	39,943	41,918	40,639	38,575	37,910
349.2	406.6	418.7	456.3	479.9	499.5	510.2	532.4	514.7	506.6	497.8
3,846	3,611	3,710	5,099	5,688	6,013	6,174	6,277	5,433	4,618	4,315
52.2	47.5	47.7	64.3	72.4	77.0	78.9	79.7	68.8	60.6	56.7
(b)	(b)	(b)	(b)	81	96	263	551	677	482	318
...	...	...	...	1.0	1.2	3.4	7.0	8.6	6.3	4.2
1,191	907	930	863	649	711	908	680	641	755	717
16.2	11.9	12.0	10.9	8.3	9.1	11.6	8.6	8.1	9.9	9.4
351	265	362	318	340	366	592	992	1,663	1,632	1,574
4.5	3.5	4.7	4.0	4.3	4.7	7.6	12.6	21.1	21.4	20.7
920	728	635	600	634	655	714	887	834	592	639
12.5	9.6	8.2	7.6	8.1	8.4	9.1	11.3	10.6	7.8	8.4
1,546	1,823	1,941	1,699	1,568	1,095	951	871	755	550	559
21.0	24.0	25.0	21.4	19.9	14.0	12.1	11.1	9.6	7.2	7.3
1,561	1,268	1,314	1,008	882	996	996	859	484	393	389
21.2	16.7	16.9	12.7	11.2	12.8	12.7	10.9	6.1	5.2	5.1
(b)	(b)	(b)	(b)	(b)	(b)	(b)	946	1,062	738	695
...	...	...	...	...	...	...	10.9	13.5	9.7	9.1
372	255	178	115	102	107	109	73	36	32	24
36.3	20.2	11.1	7.3	6.2	6.4	6.6	5.0	3.1	2.9	2.2

accidents in all hospitals were classified as "public" resulting in a small additional drop in home accident totals. (i) The 7th Revision of the International List now classifies deaths reported as due to "fall or jump" from high places, ingestion of poison, or inhalation of gas where an indication is undetermined whether injury was inflicted accidentally or with suicidal intent as suicides. Previously such deaths had been classified as accidental deaths. (j) The 8th Revision of the International List has a new rubric thereby making accidents and suicides not strictly comparable with previous years figures.

Table 14 Live Births by Certain Characteristics and Deaths from Selected Causes

	LIVE BIRTHS								INFANT MORTALITY		NEONATAL MORTALITY	
	Number	(1) Rate	PERCENT OF TOTAL BIRTHS						UNDER 1 YR OF AGE		UNDER 28 DAYS OF AGE	
			Puerto Rican Mothers	Non-white	Under 2501 grams	Late or No Prenatal Care	To Teenagers	Out Of Wedlock	Number	Rate (2)	Number	Rate (2)
NEW YORK CITY	110,486	14.5	11.3	38.4	9.2	19.3	14.0	32.8	1,971	17.8	1,390	12.6
KNOWN RESIDENTS	103,482	†	†	†	†	†	†	†	1,755	†	1,233	†
MANHATTAN	16,876	11.6	11.7	40.8	10.0	21.5	14.8	39.4	256	15.2	178	10.5
Central Harlem	1,859	11.7	2.7	94.5	15.4	30.3	27.1	75.2	40	21.5	23	12.4
East Harlem	1,972	14.8	26.9	34.6	11.7	19.3	22.9	54.9	43	21.8	33	16.7
Kips Bay Yorkville	1,628	7.2	1.3	11.5	7.5	7.5	4.4	9.1	18	11.1	13	8.0
Lower East Side	2,980	12.6	22.2	30.1	10.0	16.8	13.7	34.9	45	15.1	28	9.4
Lower West Side	1,898	7.7	9.7	25.8	8.0	18.5	7.7	23.2	23	12.1	17	9.0
Riverside	2,376	11.2	8.9	40.3	10.1	20.6	13.8	38.0	37	15.6	29	12.2
Washington Heights	4,163	17.6	7.6	46.0	8.7	29.4	14.4	39.6	50	12.0	35	8.4
BRONX	20,040	14.5	23.2	40.5	10.5	29.1	19.1	46.9	386	19.3	258	12.9
Fordham-Riverdale	2,995	12.1	18.1	25.3	9.4	23.1	12.8	31.6	46	15.4	32	10.7
Moerisania	3,343	15.8	23.9	55.4	12.6	34.8	26.3	63.9	76	22.7	50	15.0
Mott Haven	2,340	14.9	38.2	33.6	11.6	40.6	27.7	60.9	55	21.7	37	14.6
Pelham Bay	2,310	10.2	9.0	49.4	9.3	21.3	12.9	29.2	46	19.9	38	16.5
Tremont	5,118	21.3	27.5	48.5	11.7	31.4	21.4	59.8	116	22.7	66	12.9
Westchester	3,734	12.9	19.1	27.6	8.0	22.4	12.6	27.6	47	12.6	35	9.4
BROOKLYN	39,672	16.0	12.0	43.2	9.6	18.5	15.6	36.7	729	18.4	522	13.2
Bay Ridge	2,962	11.2	4.4	4.0	6.3	7.6	7.0	7.8	38	12.8	31	10.5
Bedford	4,664	18.1	3.0	89.5	12.6	25.6	20.9	60.1	109	23.4	75	16.1
Brownsville	5,502	18.2	11.3	63.9	11.7	20.1	21.2	48.4	126	22.9	91	16.5
Bushwick	3,962	19.2	28.8	41.1	11.2	26.4	23.1	55.1	90	22.7	57	14.4
Flushing	7,557	15.7	4.4	49.7	8.0	14.9	8.8	26.8	116	15.4	91	12.0
Fort Greene	3,182	17.6	10.8	72.0	13.6	23.7	21.6	56.7	84	26.4	58	18.2
Gravesend	3,374	10.7	4.8	14.8	7.4	11.9	9.0	13.8	48	14.2	30	8.9
Red Hook-Gowanus	1,831	13.8	20.3	31.7	9.9	18.9	19.3	39.2	31	16.9	25	13.7
Sunset Park	3,251	18.4	20.6	8.2	7.3	14.4	12.3	22.8	48	14.8	34	10.5
Williamsburg-Greenpoint	3,387	20.7	25.3	9.6	7.5	19.8	14.9	26.7	39	11.5	30	8.9
QUEENS	22,573	11.5	4.0	32.8	7.6	16.6	10.3	20.3	324	14.4	229	10.1
Astoria-Long Island City	3,042	12.6	5.0	18.2	6.7	14.6	8.9	14.8	51	16.8	34	11.2
Corona	3,926	15.4	5.3	29.3	6.5	18.3	8.2	18.5	43	11.0	32	8.2
Flushing	3,967	8.2	2.0	17.0	6.3	7.8	3.5	6.3	47	11.8	29	7.3
Jamaica East	4,379	13.2	2.4	77.6	10.9	27.0	20.0	42.5	79	18.0	58	13.2
Jamaica West	4,588	12.4	6.0	31.1	8.0	18.2	13.0	24.9	70	15.3	47	10.2
Maspeth-Forest Hills	2,671	9.3	3.3	7.3	5.7	9.1	4.3	5.9	34	12.7	29	10.9
RICHMOND	4,321	13.2	2.0	12.4	6.5	7.3	7.2	12.1	60	13.9	46	10.6
NON-RESIDENTS	6,762	...	...	...	...	...	...	...	207	...	150	...
RESIDENCE UNKNOWN	242	...	...	...	...	...	...	...	9	...	7	...

1 Rate per 1,000 population.

2 Rate per 1,000 live births.

3 Standard is population of U.S., 1940.

4 Rate per 100,000 population.

5 Trauma includes accident, suicides, homicides, and undetermined injury.

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

POPULATION ESTIMATES July 1, 1977	Deaths All Causes		(3) 1970 Age Ad- justed Death Rate	Ischemic and Other Heart Disease		Malignant Neoplasms		Cerebrovascular Disease		Pneumonia and Influenza		Cirrhosis of Liver		Trauma (5)	
	No.	Rate (1)		No.	Rate (4)	No.	Rate (4)	No.	Rate (4)	No.	Rate (4)	No.	Rate (4)	No.	Rate (4)
7,615,000	75,011	9.9	7.5	30,588	401.7	16,741	219.8	4,315	56.7	2,907	38.2	2,202	28.9	4,573	60.1
7,615,000	66,805	†	†	27,792	†	14,031	†	3,998	†	2,511	†	2,041	†	4,057	†
1,454,000	14,758	10.1	8.3	5,561	382.5	3,114	214.2	875	60.2	585	40.2	670	46.1	1,096	75.4
159,000	2,143	13.5	12.6	650	408.8	401	252.2	138	86.8	79	49.7	168	105.7	185	116.4
133,000	1,245	9.4	7.9	434	326.3	206	154.9	54	40.6	61	45.9	65	48.9	121	91.0
227,000	2,102	9.3	5.5	889	391.6	517	227.8	135	59.5	92	40.5	48	21.1	101	44.5
237,000	2,189	9.2	7.9	881	371.7	454	191.6	119	50.2	97	40.9	99	41.8	161	67.9
247,000	2,741	11.1	8.3	1,040	421.1	601	243.3	175	70.9	104	42.1	114	46.2	208	84.2
213,000	2,097	9.8	8.0	764	358.7	447	209.9	133	62.4	78	36.6	93	43.7	174	81.7
237,000	2,241	9.5	7.0	903	381.0	488	205.9	121	51.1	74	31.2	83	35.0	146	61.6
1,385,000	10,795	7.8	7.7	4,371	315.6	2,115	152.7	546	39.4	381	27.5	353	25.5	793	57.3
247,000	2,392	9.7	6.0	1,134	459.1	499	202.0	116	47.0	87	35.2	43	17.4	116	47.0
211,000	1,205	5.7	8.7	388	183.9	174	82.5	56	26.5	33	15.6	84	39.8	160	75.8
171,000	945	5.5	8.7	291	170.2	150	87.7	48	28.1	32	18.7	62	36.3	103	60.2
227,000	2,268	10.0	5.9	1,014	446.7	465	204.8	127	55.9	88	38.8	34	15.0	109	48.0
240,000	1,264	5.3	7.4	446	185.8	185	77.1	52	21.7	38	15.8	64	26.7	170	70.8
290,000	2,721	9.4	6.2	1,098	378.6	642	221.4	147	50.7	103	35.5	66	22.8	135	46.6
2,480,000	20,950	8.4	7.9	9,006	363.1	4,245	171.2	1,070	43.1	822	33.1	558	22.5	1,245	50.2
264,000	2,948	11.2	6.5	1,376	521.2	675	255.7	130	49.2	114	43.2	54	20.5	112	42.4
257,000	1,806	7.0	9.9	564	219.5	332	129.2	129	50.2	69	26.8	103	40.1	162	63.0
302,000	1,859	6.2	8.6	680	225.2	353	116.9	92	30.5	86	28.5	58	19.2	150	49.7
206,000	1,338	6.5	8.5	519	251.9	227	110.2	74	35.9	52	25.2	48	23.3	114	55.3
482,000	4,419	9.2	6.3	2,011	417.2	1,008	209.1	224	46.5	178	36.9	55	11.4	212	44.0
181,000	1,336	7.4	10.2	456	251.9	214	118.2	95	52.5	72	39.8	65	34.8	99	54.7
314,000	3,360	10.7	6.5	1,676	533.8	723	230.3	145	46.2	108	34.4	45	14.3	155	49.4
133,000	1,026	7.7	8.5	439	330.1	167	125.6	49	36.8	48	36.1	32	24.1	77	57.9
177,000	1,617	9.1	7.2	748	422.6	323	182.5	64	36.2	58	32.8	40	22.6	82	46.3
164,000	1,241	7.6	8.4	537	327.4	223	136.0	68	41.5	37	22.6	60	36.6	82	50.0
1,967,000	17,815	9.1	6.4	7,787	395.9	3,962	201.4	1,358	69.0	646	32.8	403	20.5	811	41.2
242,000	2,501	10.3	6.5	1,064	439.7	554	228.9	177	73.1	106	43.8	60	24.8	106	43.8
255,000	2,178	8.5	6.0	882	345.9	478	187.5	176	69.0	113	44.3	61	23.9	133	52.2
482,000	3,716	7.7	5.7	1,687	350.0	874	181.3	307	63.7	126	26.1	64	13.3	138	28.6
331,000	2,561	7.7	7.1	978	295.5	551	166.5	215	65.0	110	33.2	68	20.5	169	51.1
371,000	3,686	9.9	6.9	1,690	455.5	801	215.9	236	63.6	108	29.1	87	23.5	148	39.9
286,000	3,173	11.1	5.8	1,486	519.6	704	246.2	247	86.4	83	29.0	63	22.0	117	40.9
328,000	2,487	7.6	7.3	1,067	325.3	595	181.4	149	45.4	77	23.5	57	17.4	112	34.1
...	4,505	...	...	1,285	...	1,633	...	158	...	117	...	80	...	329	...
...	3,701	...	...	1,511	...	1,077	...	159	...	279	...	81	...	187	...

Table 15. Infant and Puerperal Mortality by Ethnic Group, New York City, 1966-1977

Ethnic Group	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Live Births												
Total	153,334	145,802	141,920	146,221	149,192	131,920	117,088	110,639	110,642	109,418	109,995	110,486
Puerto Rican	23,907	23,578	23,641	24,364	24,434	21,010	17,173	15,035	14,518	13,856	13,213	12,535
Nonwhite	39,980	38,365	38,403	41,266	44,148	39,349	36,273	35,475	36,944	38,975	39,187	41,008
Other	89,447	83,859	79,876	80,591	80,610	71,561	63,642	60,129	59,180	56,587	57,595	56,943
Infant Deaths												
Total	4,819	3,489	3,282	3,563	3,230	2,751	2,321	2,206	2,175	2,110	2,092	1,971
Puerto Rican	591	572	592	561	471	413	314	293	252	245	206	209
Nonwhite	1,529	1,390	1,271	1,405	1,320	1,077	923	849	909	925	1,009	939
Other	1,699	1,527	1,419	1,597	1,439	1,261	1,084	1,064	1,014	940	877	823
Infant Mortality Rates*												
Total	24.9	23.9	23.1	24.4	21.6	20.9	19.8	19.9	19.7	19.3	19.0	17.8
Puerto Rican	24.7	24.3	25.0	23.0	19.3	19.7	18.3	19.5	17.4	17.7	15.6	16.7
Nonwhite	38.2	36.2	33.1	34.0	29.9	27.4	25.4	23.9	24.6	23.7	25.7	22.9
Other	19.0	18.2	17.8	19.8	17.9	17.6	17.0	17.7	17.1	16.6	15.2	14.5
Deaths Under 28 Days												
Total	2,856	2,662	2,430	2,642	2,419	1,983	1,750	1,639	1,611	1,586	1,541	1,390
Puerto Rican	443	447	450	399	357	297	223	220	185	188	153	164
Nonwhite	1,120	1,038	897	1,022	965	740	674	617	654	682	756	642
Other	1,293	1,177	1,083	1,221	1,097	946	853	802	772	716	632	584
Neonatal Mortality Rates*												
Total	18.6	18.3	17.1	18.1	16.2	15.0	14.9	14.8	14.6	14.5	14.0	12.6
Puerto Rican	18.5	19.0	19.0	16.4	14.6	14.1	13.0	14.6	12.7	13.6	11.6	13.1
Nonwhite	28.0	27.1	23.4	24.8	21.9	18.8	18.6	17.4	17.7	17.5	19.3	15.7
Other	14.5	14.0	13.6	15.2	13.6	13.2	13.4	13.3	13.0	12.7	11.0	10.3
Puerperal Deaths												
Total	80	76	66	77	68	37	54	36	28	26	32	24
Puerto Rican	15	10	7	14	10	14	9	8	3	0	5	1
Nonwhite	40	45	41	48	43	14	34	17	20	17	10	16
Other	25	21	18	15	15	9	11	11	5	9	17	7
Puerperal Mortality Rates**												
Total	5.2	5.2	4.7	5.3	4.6	2.8	4.6	3.3	2.5	2.4	2.9	2.2
Puerto Rican	6.3	4.2	3.0	5.8	4.1	6.7	5.2	5.3	2.1	—	3.8	0.8
Nonwhite	10.0	11.7	10.7	11.6	9.7	3.6	9.4	4.8	5.4	4.4	2.6	3.9
Other	2.8	2.5	2.3	1.9	1.9	1.3	1.7	1.8	0.8	1.6	3.0	1.2

*Rates per 1,000 live births.

**Rates per 10,000 live births.

Table 16. Infant Mortality Rates (Per 1000 Live Births) by Weight and Color, New York City, 1977

Birth Weight (in grams)	Under One Year			Under 28 Days			Under 7 Days		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
Under 1001	756.8	791.0	733.5	722.1	757.5	698.0	639.0	675.4	614.2
1001-1500	256.2	266.5	247.5	213.3	231.1	198.4	170.4	191.0	153.2
1501-2000	79.4	82.6	76.6	59.3	68.3	51.4	50.5	61.7	40.7
2001-2500	25.2	26.3	24.0	13.9	16.5	11.2	11.5	13.9	9.0
Total under 2501	104.6	98.0	111.0	87.2	84.0	90.4	74.6	73.1	76.0
2501-3000	10.3	8.2	13.0	4.7	4.5	4.9	3.3	3.1	3.5
3001-3500	5.7	4.9	7.1	2.8	2.5	3.3	2.1	1.8	2.6
3501-4000	4.0	3.3	5.3	1.8	1.5	2.4	1.4	1.0	2.1
4001-4500	4.8	5.4	3.3	3.0	3.3	2.2	2.5	2.6	2.2
4501-5000	7.6	9.0	3.9	3.3	4.5	—	2.2	3.0	—
5001 and over	22.4	*	*	7.5	*	—	7.5	*	—
Total 2501 and over	6.3	5.3	8.2	2.9	2.7	3.5	2.2	1.9	2.7
Total	17.8	14.6	23.1	12.6	10.5	16.0	10.4	8.7	13.3

*Rate not computed where base is less than 100.

Table 17. Live Births by Age of Mother, City of New York, 1977

	Total Births	AGE OF MOTHER							Not Stated
		Under 15 Years	15-19	20-24	25-29	30-34	35-39	40 & Over	
Total Live Births	110,486	345	15,106	32,122	35,321	19,640	6,627	1,315	10
Sex									
Male	56,463	185	7,594	16,579	17,981	10,122	3,344	655	3
Female	54,023	160	7,512	15,543	17,340	9,518	3,283	660	7
Race of Child									
White	68,736	126	7,031	19,390	24,057	13,272	4,082	772	6
Black	38,243	219	7,990	12,130	9,756	5,398	2,255	491	4
Amer. Indian	20	...	4	7	6	3	...	...	...
Chinese	1,568	...	25	314	766	342	97	24	...
Japanese	268	...	...	22	120	93	29	4	...
Hawaiian	2	...	...	...	2	...	...	...	...
Filipino	409	...	1	16	109	201	73	9	...
Other non-white	1,240	...	55	243	505	331	91	15	...
Number of Children									
Order of Birth									
(Live Births Only)									
First child	48,540	341	11,816	16,733	13,162	4,993	1,283	205	7
Second child	33,319	4	2,755	10,256	12,206	6,262	1,604	231	1
Third child	15,977	...	475	3,695	5,929	4,255	1,410	212	1
Fourth child	6,776	...	50	1,085	2,375	2,154	941	171	...
Fifth child	2,958	...	10	273	1,014	965	544	152	...
Sixth child or more	2,706	...	...	80	629	972	747	277	1
Not stated	210	...	...	...	6	39	98	67	...
Weight at Delivery									
1000 grams and under	659	10	106	198	179	106	48	12	...
1001-1500 grams	932	3	186	266	259	136	65	17	...
1501-2000 grams	1,936	7	403	558	517	302	120	29	...
2001-2500 grams	6,596	32	1,268	2,030	1,835	969	379	83	...
2501-3000 grams	23,532	90	4,138	7,261	6,997	3,625	1,195	225	1
3001-3500 grams	43,759	146	5,842	13,007	14,134	7,708	2,460	461	1
3501-4000 grams	25,801	45	2,670	7,110	8,789	5,128	1,708	350	1
4001-4500 grams	6,100	9	425	1,450	2,205	1,362	540	109	...
4501-5000 grams	924	3	51	188	333	247	85	17	...
5001 and over	134	...	1	23	43	34	22	11	...
Not stated	113	...	16	31	30	23	5	1	7
Plurality									
Single	108,095	343	14,858	31,543	34,507	19,110	6,449	1,275	10
Twins	2,344	2	248	563	804	515	175	37	...
Triplets	47	...	...	16	10	15	3	3	...
Place of Birth									
Home	519	4	99	166	136	67	40	6	1
Hospital .....	...	...	...	...	...	...	...	...	...
Voluntary	80,568	211	8,719	22,100	27,889	15,596	5,096	955	2
Proprietary	5,009	2	430	1,435	1,745	985	352	60	...
Municipal	24,134	126	5,851	8,358	5,447	2,927	1,132	292	1
Federal and State .....	...	...	...	...	...	...	...	...	...
All Others	256	2	7	63	104	65	7	2	6
Attendant									
Nurse-Midwife	3,883	18	852	1,343	978	495	166	31	...
Ambulance	655	6	104	202	185	103	45	8	2
In Hospital .....	...	...	...	...	...	...	...	...	...
Private Service	57,239	59	3,230	13,811	22,397	12,988	4,032	721	1
General Service	48,704	262	10,920	16,766	11,761	6,054	2,384	555	2
All Others	5	...	...	...	...	...	...	...	5
Financial Coverage									
Self	16,292	21	1,641	4,596	5,764	3,080	998	192	...
Medicaid	39,192	261	9,878	13,954	8,769	4,294	1,640	394	2
Third Party	53,628	58	3,330	13,124	20,419	12,068	3,915	713	1
Not stated	1,374	5	257	448	369	198	74	16	7
Five Minute APGAR Score									
6 or less	2,035	13	309	599	552	385	141	36	...
7	1,218	5	213	322	336	226	89	27	...
8	3,975	15	641	1,153	1,136	714	262	54	...
9	22,676	86	3,515	6,624	6,819	3,873	1,474	284	1
10	79,640	218	10,254	23,136	26,216	14,310	4,603	902	1
Not stated	942	8	174	288	262	132	58	12	8

**Table 18 Induced Abortions by Borough of Residence and Occurrence
New York City, 1977**

Borough of Residence	Borough of Occurrence					
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond
Manhattan	18,530	16,098	857	585	983	7
Bronx	16,281	7,321	7,592	468	899	1
Brooklyn	31,598	10,131	570	18,870	1,985	42
Queens	17,595	8,148	585	1,826	7,025	11
Richmond	2,672	1,269	32	544	190	637
Non Residents	13,423	8,307	1,428	2,111	1,556	21
Residence Unknown	2,360	1,224	209	376	543	8
Total	102,459	52,498	11,273	24,780	13,181	727

Table 19 Total Induced Abortions by Borough of Residence and Age of Woman - New York City, 1977

Borough of Residence	Total	Age of Woman							Not Stated
		Under 15	15-19	20-24	25-29	30-34	35-39	40 & Over	
Manhattan	18,530	157	3,055	5,932	4,954	2,711	1,281	350	90
Bronx	16,281	186	3,486	5,538	3,696	2,065	965	257	88
Brooklyn	31,598	319	6,305	10,465	7,446	4,216	2,041	611	195
Queens	17,595	113	3,497	5,517	4,069	2,520	1,366	437	76
Richmond	2,672	15	645	898	515	345	176	56	22
Non Residents	13,423	161	3,653	4,201	2,449	1,631	914	360	54
Residence Unknown	2,360	14	542	756	516	287	165	58	22
Total	102,459	965	21,183	33,307	23,645	13,775	6,908	2,129	547

**Table 20 Total Spontaneous Fetal Deaths by Gestation and Age of Woman
New York City, 1977**

Gestation in Weeks	Total	Age of Woman							Not Stated
		Under 15	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 13	4,715	13	424	1,163	1,388	903	552	248	24
13-15	1,068	5	105	250	329	235	94	44	6
16-19	683	3	104	181	171	127	71	16	10
20-27	705	7	104	178	192	135	60	26	3
28 & Over	956	2	122	247	238	211	100	35	1
Not Stated	203	1	27	45	46	32	20	8	24
Total	8,330	31	886	2,064	2,364	1,643	897	377	68

Table 21

Cases of Reportable Diseases, City of New York, 1940-1977

Year	Pulmonary Tuberculosis	Measles	Scarlet Fever	Chickenpox	Whooping Cough	Meningococcus Meningitis	Polio	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	79,646	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	286	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	1,352	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	43,467	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	787	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

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 22.

Cases of Reportable Diseases by Month of Report
New York City, 1977

Diseases	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Amebiasis	1,291	119	91	94	93	99	142	159	60	114	76	114	130
Chicken Pox	3,936	254	329	514	611	639	717	415	144	76	33	92	112
Hepatitis	1,604	132	109	173	170	135	139	126	103	112	128	134	143
Measles	804	20	30	48	63	108	270	136	31	15	13	57	13
Meningococcus)													
Meningitis	64	6	0	5	6	5	8	5	4	1	4	7	13
Mumps	550	61	58	79	49	89	76	45	19	25	14	14	21
Rubella	336	15	35	52	70	62	48	21	8	6	5	12	2
Salmonellosis	1,286	85	79	99	86	89	104	88	135	106	91	186	138
Shigellosis	697	39	42	61	48	37	47	70	61	82	66	83	61
Scarlet Fever)													
Strep Throat	583	50	110	126	97	66	34	22	13	14	9	19	23
Tuberculosis	1,605	57	97	171	168	117	158	110	109	148	162	110	198
Typhoid Fever	29	6	0	1	2	2	3	3	5	2	2	2	1
Venereal Disease													
Gonorrhea	39,302	5,398	3,182	3,276	2,605	2,189	2,891	2,746	3,479	4,224	3,264	3,227	2,821
Syphilis													
All Forms	4,749	352	425	422	362	378	373	341	395	367	407	468	459
Whooping Cough	47	3	1	2	1	2	2	6	12	3	7	5	3

New York City's Aging Population

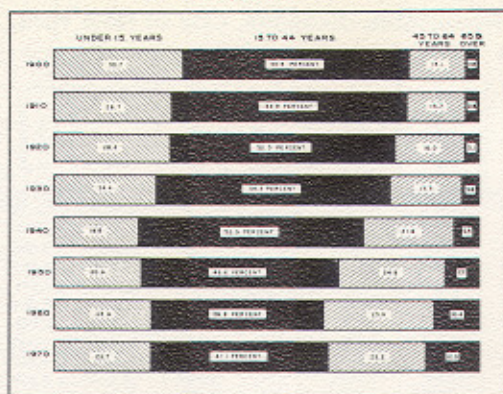


Table 23. Expectation of Life in New York City at Specified Ages, 1950, 1960, 1970 and United States 1970

M A L E								
New York City							United States	
Exact Age	1950		1960		1970		1970	
	White	Nonwhite	White	Nonwhite	White	Nonwhite	White	Nonwhite
0	66.1	59.3	67.3	60.8	67.1	61.5	68.0	61.3
5	63.4	58.0	64.3	59.2	63.7	58.9	64.6	58.9
10	58.6	53.3	59.5	54.5	58.9	54.0	59.8	54.0
15	53.7	48.5	54.6	49.6	54.0	49.2	54.9	49.2
20	48.9	44.0	49.8	45.0	49.4	44.8	50.3	44.7
30	39.4	35.5	40.4	36.3	40.4	36.8	41.1	36.5
40	30.1	27.4	31.2	28.5	31.4	29.1	31.9	28.6
50	21.8	20.4	22.6	21.5	23.3	22.2	23.4	21.6
60	15.0	15.0	15.6	15.7	16.3	16.5	16.2	15.7
70	9.7	10.7	10.1	11.5	10.8	12.0	10.5	11.2

F E M A L E								
New York City							United States	
Exact Age	1950		1960		1970		1970	
	White	Nonwhite	White	Nonwhite	White	Nonwhite	White	Nonwhite
0	71.2	64.2	73.1	67.6	74.8	71.2	75.6	69.4
5	68.0	62.6	69.8	65.6	71.2	68.5	72.0	66.7
10	63.2	57.8	64.9	60.8	66.4	63.6	67.1	61.8
15	58.3	53.0	60.0	55.9	61.5	58.7	62.2	57.0
20	53.4	48.4	55.2	51.1	56.7	54.0	57.4	52.2
30	43.8	39.5	45.5	41.9	47.1	44.7	47.7	42.9
40	34.4	30.9	36.1	33.4	37.8	36.0	38.3	34.2
50	25.6	23.4	27.2	25.6	29.0	28.1	29.3	26.3
60	17.7	17.3	19.0	18.7	20.9	21.2	21.0	19.4
70	11.1	11.9	11.9	13.0	13.6	15.1	13.6	13.7

CITY OF NEW YORK
WEEKLY CRUDE DEATH RATES per 1,000 POPULATION FROM ALL CAUSES 1977
BASED ON DEATHS REPORTED EACH WEEK

