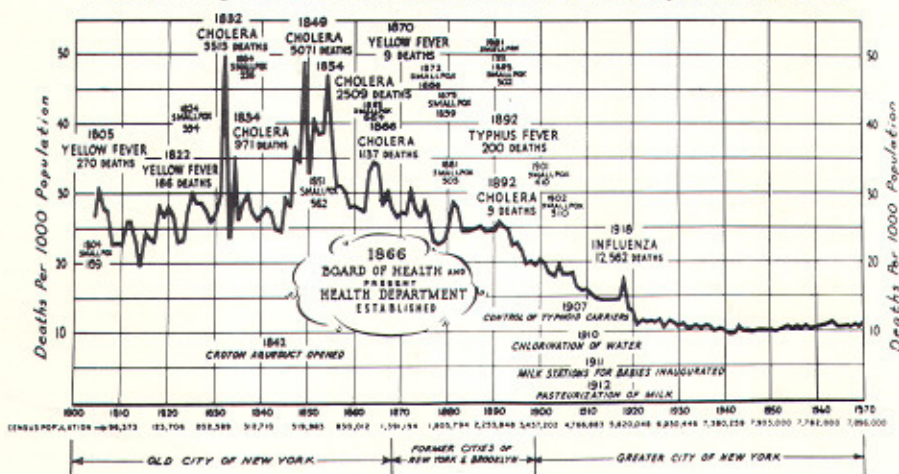


SUMMARY OF VITAL STATISTICS 1978 THE CITY OF NEW YORK

*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, New York City, 1898-1978

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.....	7,885,000	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.....	7,896,000	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
1978.....	7,615,000	106,720	14.0	54,512	7.2	73,081	9.6	1,827	17.1

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, 1978

BIRTHS						
Borough of Occurrence						
Borough of Residence	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond
Manhattan.....	16,515	15,846	425	101	134	9
Bronx.....	18,878	4,439	14,291	65	83	—
Brooklyn.....	37,976	3,254	72	33,832	752	66
Queens.....	22,166	3,371	253	1,541	16,995	6
Richmond.....	4,328	152	6	601	28	3,541
Non Residents.....	6,741	2,732	1,197	561	2,129	122
Residence Unknown.....	116	35	36	30	12	3
Total.....	106,720	29,829	16,280	36,731	20,133	3,747

DEATHS						
Borough of Occurrence						
Borough of Residence	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond
Manhattan.....	15,039	13,831	788	160	199	61
Bronx.....	11,652	1,355	10,113	66	104	14
Brooklyn.....	21,006	1,559	208	18,237	731	271
Queens.....	17,819	2,025	349	1,114	14,294	37
Richmond.....	2,587	97	5	109	11	2,365
Non Residents.....	4,489	2,333	720	325	1,017	94
Residence Unknown.....	489	258	98	79	48	6
Total.....	73,081	21,458	12,281	20,090	16,404	2,848

Table 3. Deaths by Cause and Borough of Residence, New York City, 1978

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	73,081	14,688	10,990	20,499	17,549	2,517	1,860	4,489	489
1. Total tuberculosis (010-019)	188	64	27	49	27	7	4	6	4
Respiratory tuberculosis (010-012)	169	61	25	41	24	6	2	6	4
Other forms (013-019)	19	3	2	8	3	1	2	0	0
2. Syphilis and its sequelae (090-097)	4	0	0	4	0	0	0	0	0
3. Infectious hepatitis (070)	49	12	8	8	13	3	0	5	0
4. Other infective and parasitic diseases (Rest of 000-136)	363	76	61	110	64	9	8	33	2
5. Malignant neoplasms, all (140-209)	16,321	3,281	2,254	4,311	3,976	575	293	1,611	20
Buccal cavity and pharynx (140-149)	381	88	55	85	78	14	8	53	0
Digestive organs and peritoneum (150-159)	4,975	1,005	699	1,347	1,277	169	89	381	8
Stomach (151)	784	152	116	212	207	27	14	55	1
Large intestine (153)	1,984	394	271	558	520	74	34	131	2
Rectum (154)	409	78	51	105	113	16	10	33	3
Biliary passages and liver (155, 156)	439	86	86	102	100	13	9	42	1
Pancreas (157)	852	179	107	229	232	20	15	69	1
Respiratory system (160-163)	3,582	715	502	936	921	149	60	294	5
Trachea, Bronchus, and Lung (162)	3,325	660	463	877	861	142	49	268	5
Breast and Genito-urinary organs (174, 180-189)	4,103	843	564	1,085	982	148	101	377	3
Breast (174)	1,653	325	225	460	394	64	36	149	0
Cervix uteri (180)	232	39	45	59	51	6	10	21	1
Ovary, Fallopian tubes and broad ligament (183)	433	80	56	109	102	11	6	69	0
Prostate (185)	769	168	111	222	164	30	30	44	0
Bladder and other urinary organs (188-189)	698	155	88	167	189	24	11	64	0
Other and unspecified sites (170-173, 190-199)	1,730	340	219	504	389	57	21	196	4
Lymphatic and hematopoietic tissues (200-209)	1,550	290	215	354	329	38	14	310	0
Leukemia and aleukemia (204-207)	677	130	89	151	131	15	5	156	0
6. Benign and unspecified neoplasms (210-239)	274	54	33	69	66	7	2	40	3
7. Diabetes (250)	1,513	266	289	475	332	48	36	64	3
8. Alcoholism (303)	328	113	54	102	36	4	4	6	9
9. Drug dependence (304)	248	94	48	44	37	3	1	15	6
10. Total Cardiovascular-renal (390-458, 582-584)	37,368	6,976	5,479	10,823	9,741	1,373	1,136	1,657	183
Cerebrovascular disease (430-438)	4,076	819	641	1,053	1,159	135	94	164	11
Diseases of heart (393-398, 410-429)	30,378	5,360	4,454	8,991	7,943	1,154	979	1,350	147
Chronic rheumatic heart disease (393-398)	495	83	61	140	106	16	4	85	0
Ischemic heart disease (410-414)	28,795	5,064	4,196	8,539	7,624	1,084	961	1,191	136
Other forms of heart disease (420-429)	1,088	213	197	312	213	54	14	74	11
Hypertensive disease (400-404)	497	96	60	164	138	13	15	11	0
Arteriosclerosis (440)	802	307	64	199	155	15	28	15	19
Chronic and unspecified nephritis (582-584)	377	106	57	106	64	17	4	20	3
11. Influenza and pneumonia (470-474, 480-486)	3,011	625	458	802	685	88	203	129	21
12. Bronchitis, emphysema, and asthma (490-493)	567	135	111	143	127	21	8	20	2
13. Ulcer of stomach and duodenum (531-533)	373	84	65	116	78	8	7	14	1
14. Appendicitis (540-543)	32	8	5	6	10	0	0	3	0
15. Intestinal obstruction and hernia (550-553, 560)	201	38	36	52	46	5	9	15	0
16. Cirrhosis of liver (571)	2,088	657	326	526	387	49	9	79	55
17. Acute nephritis and nephrosis (580, 581)	32	8	2	16	4	1	0	1	0
18. Hyperplasia of prostate (600)	62	13	12	14	21	0	0	2	0
19. Complications of pregnancy, childbirth, and the puerperium (630-678)	18	3	4	8	2	0	0	1	0
20. Congenital anomalies (740-759)	542	75	83	133	100	18	0	131	2
21. Certain diseases of perinatal morbidity and mortality (760-779)	959	139	198	350	145	24	2	98	3
22. Ill defined (780-796)	672	153	109	195	147	15	4	36	13
23. All other diseases	3,320	749	530	887	685	140	79	231	19
24. Total accidents (800-949)	1,574	280	236	450	378	50	20	131	29
Motor vehicle accidents (810-823)	624	98	96	172	140	27	6	68	17
Home accidents	599	107	92	192	161	15	0	20	12
25. Injury undetermined whether accidentally or purposely inflicted (980-989)	735	187	116	174	119	23	13	42	61
26. Suicide and self inflicted injuries (950-959)	657	202	94	151	125	22	5	43	15
27. Homicide (960-978, 990-999)	1,582	396	352	481	198	24	17	76	38

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

Table 4. Population in 1970 and Deaths in 1978, New York City

AGE	1970 POPULATION BY AGE, COLOR, SEX					DEATHS IN 1978 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	73,081	30,611	27,501	8,184	6,785
Under 5	615,831	215,643	206,700	97,592	95,896	2,095	639	488	555	413
5-9	631,748	216,942	207,120	104,957	102,729	1,78	59	41	47	31
10-14	624,166	220,021	211,777	96,354	96,014	211	81	44	51	35
15-19	602,327	217,211	219,834	80,527	84,755	476	230	85	112	49
20-24	649,640	228,709	270,121	63,586	87,224	833	375	128	239	91
25-29	596,566	216,387	226,749	66,286	87,144	1,070	470	168	287	145
30-34	479,020	169,297	171,582	61,395	76,746	1,098	445	207	294	152
35-39	444,931	157,231	164,548	54,832	68,320	1,206	450	212	346	198
40-44	470,704	169,154	186,387	50,793	64,370	1,595	565	336	429	265
45-49	479,839	173,375	202,993	46,577	56,894	2,292	934	531	491	336
50-54	462,177	170,195	208,548	36,555	46,879	3,693	1,542	936	741	474
55-59	463,418	178,335	218,042	28,758	38,283	4,967	2,190	1,341	784	652
60-64	426,617	168,750	203,930	22,950	30,987	6,345	2,955	1,912	865	613
65-69	355,284	134,286	178,693	17,893	24,412	7,888	3,771	2,618	819	680
70-74	270,715	100,047	143,517	11,447	15,704	9,099	4,289	3,338	748	724
75 & over	321,879	116,104	176,613	11,166	17,996	30,035	11,616	15,116	1,376	1,927

**Table 5. Chief Causes of Death In Certain Age Groups (a)
New York City, 1978**

Males		ALL AGES	Females	
Deaths	Percent		Deaths	Percent
15,779	40.7	Heart Diseases	14,868	43.3
8,444	21.8	Malignant Neoplasm	7,877	23.0
1,640	4.2	Cerebrovascular Diseases	2,436	7.1
1,561	4.0	Influenza and Pneumonia	1,450	4.2
1,449	3.7	Cirrhosis of Liver	639	1.9
1,316	3.4	Homicides	266	0.8
1,019	2.6	Accidents	555	1.6
649	1.7	Diabetes Mellitus	864	2.5
556	1.4	Diseases of Early Infancy	403	1.2
368	1.0	Arteriosclerosis	434	1.3
6,014	15.5	All Other Causes	4,494	13.1
38,795	100.0	Total	34,286	100.0
UNDER ONE YEAR				
198	19.0	Congenital Anomalies	177	22.6
148	14.2	Immaturity	125	16.0
146	14.0	Sudden Infant Death Syndrome	95	12.2
120	11.5	Respiratory Distress Syndrome	75	9.6
82	7.8	Asphyxia of Newborn, Unspecified	56	7.2
61	5.8	Hyaline Membrane Disease	41	5.2
28	2.7	Influenza and Pneumonia	18	2.3
21	2.0	Diarrheal Diseases	15	1.9
12	1.1	Diseases of The Nervous System	17	2.2
14	1.3	Diseases of Digestive System	11	1.4
215	20.6	All Other Causes	152	19.4
1,045	100.0	Total	782	100.0
1 TO 14 YEARS				
97	25.1	Accidents	52	19.3
61	15.8	Malignant Neoplasms	50	18.5
46	11.9	Congenital Anomalies	42	15.6
41	10.6	Homicides	26	9.6
27	7.0	Diseases of The Nervous System and Sense Organs	13	4.8
14	3.6	Influenza and Pneumonia	18	6.7
17	4.4	Infective and Parasitic Diseases	11	4.1
7	1.8	Heart Disease	5	1.8
4	1.0	Diseases of The Blood and Blood Forming Organs	5	1.8
7	1.8	Diseases of The Digestive System	1	0.4
2	0.5	Endocrine, Nutritional and Metabolic Diseases	6	2.2
64	16.5	All Other Causes	41	15.2
387	100.0	Total	270	100.0
15 TO 24 YEARS				
324	33.9	Homicides	64	18.1
147	15.4	Accidents	35	9.9
77	8.0	Malignant Neoplasms	49	13.9
75	7.8	Suicides	31	8.8
45	4.7	Drug Dependence	15	4.2
27	2.8	Diseases of The Digestive System	12	3.4
25	2.6	Diseases of The Nervous System and Sense Organs	7	2.0
12	1.3	Influenza and Pneumonia	16	4.5
20	2.1	Heart Diseases	8	2.3
13	1.4	Congenital Anomalies	13	3.7
191	20.0	All Other Causes	103	29.3
956	100.0	Total	353	100.0
25 TO 44 YEARS				
669	20.4	Homicides	105	6.2
343	10.4	Malignant Neoplasms	408	24.2
393	12.0	Heart Diseases	185	11.0
397	12.1	Cirrhosis of Liver	176	10.5
279	8.5	Accidents	61	3.6
187	5.7	Suicides	82	4.9
76	2.3	Cerebrovascular Diseases	89	5.3
111	3.4	Drug Dependence	50	3.0
84	2.6	Alcoholism	26	1.5
65	2.0	Influenza and Pneumonia	43	2.6
682	20.7	All Other Causes	458	27.2
3,286	100.0	Total	1,683	100.0

Males			45 TO 64 YEARS		Females	
Deaths	Percent		Deaths	Percent		
4,169	39.7	Heart Diseases	1,887	27.8		
2,878	27.4	Malignant Neoplasms	2,797	41.2		
741	7.1	Cirrhosis of Liver	314	4.6		
368	3.5	Cerebrovascular Diseases	363	5.3		
285	2.7	Influenza and Pneumonia	185	2.7		
192	1.8	Diabetes Mellitus	174	2.6		
213	2.0	Accidents	100	1.5		
235	2.2	Homicides	36	0.5		
133	1.3	Alcoholism	32	0.5		
89	0.9	Suicides	66	1.0		
1,199	11.4	All Other Causes	841	12.4		
10,502	100.0	Total	6,795	100.0		
65 TO 74 YEARS						
4,493	46.7	Heart Diseases	3,189	40.6		
2,622	27.2	Malignant Neoplasms	2,138	29.0		
410	4.3	Cerebrovascular Diseases	463	6.3		
317	3.3	Influenza and Pneumonia	240	3.3		
193	2.0	Diabetes Mellitus	211	2.9		
217	2.3	Cirrhosis of Liver	98	1.3		
110	1.1	Accidents	81	1.1		
97	1.0	Arteriosclerosis	79	1.1		
113	1.2	Bronchitis, Emphysema, Asthma	63	0.9		
52	0.5	Nephritis and Nephrosis	43	0.6		
1,003	10.4	All Other Causes	755	12.9		
9,627	100.0	Total	7,360	100.0		
75 AND OVER						
6,694	51.5	Heart Diseases	9,589	56.3		
2,462	18.9	Malignant Neoplasms	2,433	14.3		
779	6.0	Cerebrovascular Diseases	1,511	8.9		
840	6.5	Influenza and Pneumonia	930	5.4		
222	1.7	Diabetes Mellitus	441	2.6		
226	1.7	Arteriosclerosis	328	1.9		
165	1.3	Accidents	220	1.3		
140	1.1	Bronchitis, Emphysema, Asthma	51	0.3		
74	0.6	Nephritis and Nephrosis	79	0.5		
72	0.6	Cirrhosis of Liver	45	0.3		
1,318	10.1	All Other Causes	1,416	8.3		
12,992	100.0	Total	17,043	100.0		

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

**Table 6. Deaths by Age, Sex and Marital Status
New York City, 1978**

	TOTAL DEATHS			SINGLE		MARRIED		WIDOWED		DIVORCED		UNKNOWN	
	All	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All Ages	73,081	38,795	34,286	8,192	5,611	21,317	8,984	6,678	17,974	1,572	1,263	1,036	454
Under 5	2,095	1,194	901	1,194	901	—	—	—	—	—	—	—	—
5-9	178	106	72	106	72	—	—	—	—	—	—	—	—
10-14	211	132	79	132	79	—	—	—	—	—	—	—	—
15-19	476	342	134	330	128	8	3	1	—	—	2	3	1
20-24	833	614	219	520	162	73	50	3	3	3	1	15	3
25-29	1,070	757	313	504	173	205	103	3	3	29	20	16	14
30-34	1,098	739	359	361	131	277	164	6	20	61	35	34	9
35-39	1,206	796	410	297	103	364	208	14	31	76	58	45	10
40-44	1,595	994	601	282	116	504	360	33	47	122	66	53	12
45-49	2,292	1,425	867	368	160	832	480	42	92	122	112	61	23
50-54	3,693	2,283	1,410	470	230	1,394	823	112	211	201	128	106	18
55-59	4,967	2,974	1,993	498	281	1,969	1,041	181	494	217	150	109	27
60-64	6,345	3,820	2,525	569	294	2,601	1,194	366	830	179	166	105	41
65-69	7,888	4,590	3,298	576	424	3,093	1,280	607	1,406	197	147	117	41
70-74	9,099	5,037	4,062	640	500	3,270	1,240	824	2,116	160	148	143	58
75 & Over	30,035	12,992	17,043	1,345	1,857	6,727	2,038	4,486	12,721	205	230	229	197

Table 7.

Age Specific Death Rates Per 1,000 Population New York City, 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	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, New York City, 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 Injury Undetermined Whether Accidentally or Purposely Inflicted, By Age, New York City, 1978

	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total	735	51	27	96	278	164	62	57
Poisonings (Gas Excepted)	43	2	2	10	17	9	2	1
Poisonings by gases and vapors	10	...	...	2	3	4	...	1
Hanging and strangulation	10	2	...	2	3	2	...	1
Submersion (Drowning)	102	6	4	16	43	24	6	3
Firearms and explosives	24	1	...	4	15	2	1	1
Cutting and piercing	8	...	...	2	3	2	1	...
Falling from high places	109	5	4	14	45	20	8	13
Other and unspecified	429	35	17	46	149	101	44	37

Table 10. Deaths from Accidents* By Age, New York City, 1978

Type of accident	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total.....	1,574	77	86	182	340	313	191	385
Occupational.....	50	...	...	7	21	19	3	...
Home.....	599	51	17	21	71	110	106	223
Poisonings (gas excepted).....	4	2	...	1	...	1	...	...
Poisonings by gases and vapors.....	6	...	...	...	2	...	3	1
Fire and flames.....	143	23	10	3	24	33	30	20
Suffocation.....	34	7	3	...	6	6	8	4
Falls.....	367	12	2	12	30	61	62	188
Other home accidents.....	45	7	2	5	9	9	3	10
Motor Vehicle.....	624	20	50	111	173	127	59	84
Injury to pedestrian.....	336	14	36	34	57	75	44	76
Collision with other motor vehicle.....	122	3	4	27	57	22	8	1
Collision with fixed object.....	99	1	3	31	41	19	3	1
Non-collision.....	22	1	2	9	4	2	3	1
Other motor vehicle.....	45	1	5	10	14	9	1	5
Public Non-Motor Vehicle.....	289	6	19	43	67	55	22	77
Subway and elevated train.....	16	1	3	1	7	4	...	...
Air transportation.....	...	...	...	...	...	...	...	...
Fire, explosion.....	10	...	1	1	2	4	1	1
Drowning.....	34	2	6	13	11	1	1	...
Falls.....	157	2	7	10	25	27	17	69
Other public.....	72	1	2	18	22	19	3	7
Type Unknown.....	12	...	...	...	8	2	1	1

*Including 42 deaths occurring in New York City as a result of accidents out of city.

Table 11. Deaths from Suicides, By Age, New York City, 1978

Type of Suicides	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total.....	657	...	3	106	269	155	63	61
Solid or Liquid Substances.....	68	...	...	10	29	19	5	5
Gases in Domestic use.....	...	...	...	...	...	...	...	...
Other gases.....	10	...	...	1	3	3	2	1
Hanging, Strangulation and Suffocation.....	145	...	1	19	46	40	21	18
Submersion (drowning).....	31	...	...	5	15	6	...	5
Firearms and Explosives.....	110	...	...	21	56	23	9	1
Cutting and Piercing.....	26	...	...	3	8	9	3	3
Jumping from high places.....	230	...	2	38	92	53	19	26
Other and Unspecified.....	37	...	...	9	20	2	4	2
Late Effect.....	...	...	...	...	...	...	...	...

Table 12. Deaths from Homicides, By Age, New York City, 1978

Type of Homicide	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total.....	1,582	28	51	388	774	271	40	30
Fight, Brawl, or Rape.....	...	...	...	...	...	...	...	...
Corrosive or Caustic Substance.....	...	...	...	...	...	...	...	...
Poisoning.....	...	...	...	...	...	...	...	...
Hanging and Strangulation.....	71	1	11	12	28	13	3	3
Submersion (drowning).....	1	1	...	...	...	...	...	...
Firearms and Explosives.....	899	2	13	258	469	137	18	2
Cutting and Piercing.....	421	2	12	94	213	84	8	8
Pushing from high places.....	6	...	...	...	4	2	...	...
Other and Unspecified.....	172	22	15	21	52	34	11	17
Late Effect.....	...	...	...	...	...	...	...	...
Legal Intervention.....	12	...	...	3	8	1	...	...

Table 13.

Deaths and Crude Dea

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)	(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, New York City, 1901 to 1978

ANNUAL AVERAGE

	1936-1940	1941-1945	1946-1948	1949-1951	1952-1955	1956-1960	1961-1965	1966-1970	1971-1975	1976	1977	1978
1	4,079	3,828	4,298	3,882	4,021	4,290	4,333	3,477	2,312	2,092	1,971	1,827
0	39.8	30.3	26.8	24.5	24.6	25.7	26.2	23.6	19.9	19.0	17.8	17.1
2	2,631	2,764	3,298	2,989	3,032	3,220	3,226	2,602	1,714	1,541	1,390	1,274
7	25.7	21.9	20.5	18.9	18.5	19.3	19.5	17.7	14.8	14.0	12.6	11.9
1	2,110	2,338	2,845	2,604	2,713	2,909	2,922	2,351	1,480	1,312	1,154	1,078
0	20.5	18.5	17.7	16.4	16.6	17.4	17.7	16.0	12.8	11.9	10.4	10.1
2	2,589	2,709	2,902	2,441	2,310	2,362	2,276	1,885	1,288	861	956	757
3	25.3	21.4	18.1	15.4	14.1	14.1	13.8	12.8	11.1	7.8	8.7	7.1
0	44.7	39.1	35.1	31.3	30.3	31.1	31.0	28.4	23.6	19.6	18.9	17.1
7	31	14	16	10	12	12	8	2	1	0	0	0
4	6.5	2.6	2.4	1.4	1.8	1.8	1.1	0.2	0.2	...	...	...
2	87	135	40	32	34	27	24	19	10	12	10	19
0	1.2	1.8	0.5	0.4	0.4	0.3	0.3	0.2	0.1	0.2	0.1	0.3
3	3,680	3,281	2,932	2,173	1,178	824	624	432	235	162	151	169
3	50.0	43.2	37.7	27.4	15.0	10.6	8.0	5.5	3.0	2.1	2.0	2.2
3	345	304	229	172	97	52	43	32	32	25	24	19
0	4.7	4.0	2.9	2.2	1.2	0.7	0.5	0.5	0.4	0.3	0.3	0.3
5	250	108	48	57	51	68	32	63	27	108	11	24
3	3.4	1.4	0.6	0.7	0.6	0.9	0.4	0.8	0.3	1.4	0.1	0.3
0	5,087	3,345	2,966	2,412	2,613	3,391	3,362	3,499	3,137	3,312	2,896	2,987
7	69.1	44.0	38.2	30.4	33.2	43.4	42.9	44.4	39.7	43.5	38.0	39.2
4	536	492	424	450	461	651	960	1,425	1,627	1,617	1,513	1,459
4	7.3	6.5	5.5	5.7	5.9	8.3	12.3	18.1	20.6	21.2	19.9	19.2
1	11,257	13,169	14,627	15,556	16,553	16,869	17,387	17,814	17,315	17,056	16,741	16,321
5	152.9	173.3	188.2	196.0	210.6	216.1	222.1	226.3	219.3	224.0	219.8	214.3
0	2,787	3,131	3,423	1,583	1,644	1,581	1,789	1,867	2,064	1,671	1,537	1,513
1	37.9	41.2	44.0	19.9	20.9	20.3	22.9	23.7	26.1	21.9	20.2	19.9
4	922	1,052	1,365	1,500	1,440	1,858	2,386	2,936	2,440	2,310	2,202	2,088
2	12.5	138	17.5	19.2	18.3	23.8	30.5	37.3	30.9	30.3	28.9	27.4
3	3,675	3,081	2,574	570	556	573	509	447	372	430	352	409
9	40.6	40.6	33.1	7.2	7.1	7.3	6.5	5.7	4.7	5.6	4.6	5.4
6	25,711	30,886	32,539	36,206	37,724	38,988	39,943	41,918	40,639	38,575	37,910	36,991
3	349.2	406.6	418.7	456.3	479.9	499.5	510.2	532.4	514.7	506.6	497.8	485.8
3	3,846	3,611	3,710	5,099	5,688	6,013	6,174	6,277	5,433	4,618	4,315	4,076
2	52.2	47.5	47.7	64.3	72.4	77.0	78.9	79.7	68.8	60.6	56.7	53.5
(b)	(b)	(b)	(b)	(b)	81	96	263	551	677	482	318	248
...	...	...	...	...	1.0	1.2	3.4	7.0	8.6	6.3	4.2	3.3
1	1,191	907	930	863	649	711	908	680	641	755	717	657
3	16.2	11.9	12.0	10.9	8.3	9.1	11.6	8.6	8.1	9.9	9.4	8.6
2	351	265	362	318	340	366	592	992	1,663	1,632	1,574	1,582
4	4.5	3.5	4.7	4.0	4.3	4.7	7.6	12.6	21.1	21.4	20.7	20.8
7	920	728	635	600	634	655	714	887	834	592	639	624
4	12.5	9.6	8.2	7.6	8.1	8.4	9.1	11.3	10.6	7.8	8.4	8.2
1	1,546	1,823	1,941	1,699	1,568	1,095	951	871	755	550	559	599
5	21.0	24.0	25.0	21.4	19.9	14.0	12.1	11.1	9.6	7.2	7.3	7.9
1	1,561	1,268	1,314	1,008	882	996	996	859	484	393	389	351
1	21.2	16.7	16.9	12.7	11.2	12.8	12.7	10.9	6.1	5.2	5.1	4.6
(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	946	1,062	738	695	735
...	...	...	...	...	...	...	...	10.9	13.5	9.7	9.1	9.7
3	372	255	178	115	102	107	109	73	36	32	24	18
3	36.3	20.2	11.1	7.3	6.2	6.4	6.6	5.0	3.1	2.9	2.2	1.7

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 2500 grams	Late or No Prenatal Care	To Teenagers	Out Of Wedlock	On Medicaid	Number	Rate (2)	Number	Rate (2)	
NEW YORK CITY	106,720	14.0	11.0	37.8	9.2	20.9	13.8	33.7	33.9	1,827	17.1	1,274	11.9	
KNOWN RESIDENTS	99,863	†	†	†	†	†	†	†	†	1,595	†	1,106	†	
MANHATTAN	16,515	11.4	11.0	39.8	9.7	23.8	15.0	39.3	38.1	258	15.6	174	10.5	
Central Harlem	1,731	10.9	1.5	95.7	17.2	33.9	26.9	77.1	71.8	57	32.9	39	22.5	
East Harlem	1,851	13.9	25.1	41.6	12.4	22.6	23.3	54.5	45.1	33	17.8	21	11.3	
Kips Bay Yorkville	1,764	7.8	0.9	15.8	7.3	10.8	10.8	15.2	12.6	17	9.6	11	6.2	
Lower East Side	2,825	11.9	21.2	32.9	7.7	18.7	12.9	33.4	33.2	43	15.2	22	7.8	
Lower West Side	1,983	8.0	7.8	26.6	8.1	18.8	8.6	22.0	19.1	31	15.6	25	12.6	
Riverside	2,220	10.4	9.5	39.7	10.0	22.7	12.9	38.4	34.7	31	14.0	25	11.3	
Washington Heights	4,141	17.5	8.5	37.0	8.2	32.0	13.8	39.7	46.0	46	11.1	31	7.5	
BRONX	18,878	13.6	23.2	41.4	10.6	30.2	19.2	49.2	48.4	341	18.1	242	12.8	
Fordham-Riverdale	3,136	12.7	19.0	24.8	9.0	21.5	14.3	34.1	38.5	41	13.1	29	9.2	
Morrisania	2,973	14.1	24.7	58.0	13.8	39.4	25.6	66.8	64.2	71	23.9	52	17.5	
Mott Haven	2,375	13.9	37.8	37.5	12.8	41.2	27.2	63.9	58.1	51	21.5	34	14.3	
Pelham Bay	2,198	9.7	10.2	50.0	8.5	19.7	12.8	32.9	29.1	33	15.0	25	11.4	
Tremont	4,646	19.4	26.7	49.7	11.2	33.5	22.9	63.7	63.8	86	18.5	55	11.8	
Westchester	3,550	12.2	19.3	28.6	8.6	23.2	12.0	29.1	29.0	59	16.6	47	13.2	
BROOKLYN	37,976	15.3	11.6	44.4	9.6	21.1	15.6	38.3	39.3	657	17.3	444	11.7	
Bay Ridge	2,883	10.9	5.3	5.9	6.3	7.7	6.8	8.6	11.2	36	12.5	30	10.4	
Bedford	4,360	17.0	2.7	89.4	13.6	29.0	21.9	61.9	55.0	102	23.4	62	14.2	
Brownsville	5,124	17.0	10.2	66.7	11.2	24.2	19.6	51.6	52.5	81	15.8	58	11.3	
Bushwick	3,803	18.5	28.5	40.9	10.8	29.9	23.6	56.2	63.1	61	16.0	37	9.7	
Flatbush	7,548	15.7	4.2	52.3	8.3	17.1	9.5	29.5	24.4	127	16.8	96	12.7	
Fort Greene	2,876	15.9	10.7	72.6	12.9	28.6	23.7	60.6	51.6	80	27.8	48	16.7	
Gravesend	3,194	10.2	4.7	16.9	7.1	14.7	9.2	15.1	16.0	38	11.9	23	7.2	
Red Hook-Gowanus	1,752	13.2	18.6	34.0	9.5	20.2	16.1	38.8	38.9	38	21.7	28	16.0	
Sunset Park	3,202	18.1	20.7	8.1	8.0	15.1	13.0	24.9	33.2	51	15.9	37	11.6	
Williamsburg-Greenpoint	3,234	19.7	24.0	11.7	8.0	22.4	14.1	28.0	47.2	43	13.3	25	7.7	
QUEENS	22,166	11.3	4.0	34.3	7.7	17.7	9.9	21.1	22.1	294	13.3	213	9.6	
Astoria-Long Island City	3,113	12.9	4.9	20.0	6.3	17.4	9.0	16.7	17.8	40	12.8	25	8.0	
Corona	3,842	15.1	5.5	31.4	7.0	20.1	8.0	19.5	18.3	55	14.3	45	11.7	
Flushing	3,945	8.2	2.2	19.8	6.3	9.5	3.6	7.5	7.9	44	11.2	34	8.6	
Jamaica East	4,086	12.3	2.2	81.1	11.1	28.1	18.6	44.4	43.2	78	19.1	52	12.7	
Jamaica West	4,375	11.8	6.0	33.7	8.4	18.9	12.9	25.2	30.0	51	11.7	35	8.0	
Maspeth-Forest Hills	2,805	9.8	3.4	10.1	6.0	9.1	5.1	7.1	9.1	26	9.3	22	7.8	
RICHMOND	4,328	13.2	1.9	14.7	6.4	6.9	6.9	12.8	14.8	45	10.4	33	7.6	
NON-RESIDENTS	6,741	...	...	...	...	...	...	...	...	220	...	157	...
RESIDENCE UNKNOWN	116	...	...	...	...	...	...	...	...	12	...	11	...

1 Rate per 1,000 population.

2 Rate per 1,000 live births.

3 Standard is population of US, 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.

by Health Center District of Residence, New York City, 1978

Table 14.

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	73,081	9.6	7.5	29,883	392.4	16,321	214.3	4,076	53.5	3,011	39.5	2,088	27.4	4,548	59.7
7,615,000	66,243	↑	↑	27,496	↑	14,397	↑	3,807	↑	2,658	↑	1,945	↑	4,058	↑
1,454,000	14,688	10.1	8.3	5,277	362.9	3,281	225.7	819	56.3	625	43.0	657	45.2	1,065	73.2
159,000	2,109	13.3	12.6	580	364.8	436	274.2	121	76.1	89	56.0	151	95.0	172	108.2
133,000	1,238	9.3	7.9	416	312.8	273	205.3	81	60.9	75	56.4	49	36.8	92	69.2
227,000	2,101	9.3	5.5	848	373.6	538	237.0	125	55.1	87	38.3	49	21.6	113	49.8
237,000	2,214	9.3	7.9	832	351.1	487	205.5	95	40.1	88	37.1	111	46.8	158	66.7
248,000	2,752	11.1	8.3	1,027	414.1	633	255.2	140	56.5	115	46.4	137	55.2	177	71.4
213,000	1,940	9.1	8.0	704	330.5	382	179.3	126	59.2	87	40.8	75	35.2	172	80.8
237,000	2,334	9.8	7.0	870	367.1	532	224.5	131	55.3	84	35.4	85	35.9	181	76.4
1,386,000	10,990	7.9	7.7	4,393	317.0	2,254	162.6	641	46.2	458	33.0	326	23.5	798	57.6
247,000	2,546	10.3	6.0	1,138	460.7	563	227.9	136	55.1	116	47.0	51	20.6	130	52.6
211,000	1,224	5.8	8.7	392	185.8	224	106.2	52	24.6	47	22.3	65	30.8	138	65.4
171,000	863	5.0	8.7	262	153.2	153	89.5	56	32.7	25	14.6	61	35.7	86	50.3
227,000	2,356	10.4	5.9	1,041	458.6	509	224.2	149	65.6	119	52.4	32	14.1	109	48.0
240,000	1,214	5.1	7.4	364	151.7	197	82.1	72	30.0	39	16.3	64	26.7	183	76.3
290,000	2,787	9.6	6.2	1,196	412.4	608	209.7	176	60.7	112	38.6	53	18.3	152	52.4
2,480,000	20,499	8.3	7.9	8,851	356.9	4,311	173.8	1,053	42.5	802	32.3	526	21.2	1,256	50.6
264,000	2,822	10.7	6.5	1,315	498.1	676	256.1	164	62.1	85	32.2	42	15.9	115	43.6
257,000	1,802	7.0	9.9	565	219.8	363	141.2	116	45.1	76	29.6	96	37.4	152	59.1
302,000	1,908	6.3	8.6	722	239.1	395	130.8	99	32.8	88	29.1	55	18.2	164	54.3
206,000	1,237	6.0	8.5	461	223.8	233	113.1	61	29.6	51	24.8	51	24.8	102	49.5
482,000	4,063	8.4	6.3	1,907	395.6	886	183.8	195	40.5	152	31.5	53	11.0	215	44.6
181,000	1,349	7.5	10.2	465	256.9	239	132.0	73	40.3	67	37.0	71	39.2	129	71.3
314,000	3,423	10.9	6.5	1,718	547.1	795	253.2	147	46.8	126	40.1	48	15.3	115	36.6
133,000	1,113	8.4	8.5	451	339.1	209	157.1	50	37.6	44	33.1	32	24.1	76	57.1
177,000	1,565	8.8	7.2	712	402.3	296	167.2	79	44.6	63	35.6	29	16.4	107	60.5
164,000	1,217	7.4	8.4	535	326.2	219	133.5	69	42.1	50	30.5	49	29.9	81	49.4
1,967,000	17,549	8.9	6.4	7,837	398.4	3,976	202.1	1,159	58.9	685	34.8	387	19.7	820	41.7
242,000	2,387	9.9	6.5	1,033	426.9	532	219.8	164	67.8	113	46.7	59	24.4	118	48.8
255,000	2,117	8.3	6.0	898	352.2	478	187.5	126	49.4	104	40.8	66	25.9	132	51.8
482,000	3,868	8.0	5.7	1,779	369.1	921	191.1	260	53.9	146	30.3	60	12.4	148	30.7
331,000	2,499	7.5	7.1	984	297.3	587	177.3	172	52.0	92	27.8	74	22.4	144	43.5
371,000	3,580	9.6	6.9	1,682	453.4	725	195.4	234	63.1	141	38.0	72	19.4	157	42.3
286,000	3,098	10.8	5.8	1,461	510.8	733	256.3	203	71.0	89	31.1	56	19.6	121	42.3
328,000	2,517	7.7	7.3	1,138	347.0	575	175.3	135	41.2	88	26.8	49	14.9	119	36.3
...	4,489	...	...	1,265	...	1,611	...	164	...	129	...	79	...	292	...
...	2,349	...	...	1,122	...	313	...	105	...	224	...	64	...	198	...

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. Live Births By Mother's Ethnic Origin And Borough Of Residence New York City, 1978

Mother's Ethnic Origin	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond	Non-Residents	Residence Unknown
Mexican	312	89	58	120	37	2	6	...
Puerto Rican	19,006	3,216	7,270	6,690	1,413	208	209	...
Cuban	562	162	72	95	178	5	50	...
Other Spanish	10,049	3,174	1,303	2,420	2,928	72	151	1
American	19,168	3,261	1,447	6,347	4,112	1,020	2,981	...
European	26,135	1,736	2,878	9,886	6,879	2,353	2,401	2
Asian	8,269	1,321	412	3,344	2,387	230	574	1
African	22,511	3,469	5,417	8,846	4,091	374	313	1
Not Stated	708	87	21	228	141	64	56	111
Total	106,720	16,515	18,878	37,976	22,166	4,328	6,741	116

Table 17.

Live Births by Age of Mother, New York City, 1978

	Total Births	AGE OF MOTHER							
		Under 15 Years	15-19	20-24	25-29	30-34	35-39	40 & Over	Not Stated
Total Live Births.....	106,720	314	14,373	30,768	33,222	19,877	6,859	1,296	11
Sex									
Male.....	54,809	159	7,292	15,803	17,120	10,180	3,558	691	6
Female.....	51,911	155	7,081	14,965	16,102	9,697	3,301	605	5
Race of Child									
White.....	66,348	139	6,803	18,409	22,392	13,456	4,368	774	7
Black.....	37,064	174	7,513	11,834	9,380	5,462	2,222	475	4
Amer. Indian.....	69	1	10	25	18	9	5	1	...
Chinese.....	1,629	...	18	298	802	390	95	26	...
Japanese.....	251	...	...	10	108	102	27	4	...
Hawaiian.....	5	...	...	...	2	3	...	...	...
Filipino.....	234	...	4	16	55	98	55	6	...
Other non-white.....	1,120	...	25	176	465	357	87	10	...
Number of Children									
Order of Birth									
(Live Births Only)									
First child.....	46,106	310	11,085	15,731	12,198	5,191	1,382	202	7
Second child.....	32,456	4	2,724	9,805	11,501	6,453	1,730	237	2
Third child.....	15,596	...	480	3,699	5,647	4,155	1,372	242	1
Fourth child.....	6,828	...	77	1,181	2,320	2,082	982	185	1
Fifth child.....	2,901	...	6	247	937	1,030	552	129	...
Sixth child or more.....	2,833	...	1	105	619	966	841	301	...
Not stated.....	...	...	...	...	...	...	...	...	...
Weight at Delivery									
1000 grams and under	701	5	112	205	217	115	41	6	...
1001-1500 grams.....	952	4	185	282	247	158	55	20	1
1501-2000 grams.....	1,877	11	375	552	504	285	110	40	...
2001-2500 grams.....	6,237	22	1,174	1,910	1,673	975	407	74	2
2501-3000 grams.....	22,668	103	3,910	7,076	6,529	3,611	1,219	219	1
3001-3500 grams.....	41,921	120	5,643	12,155	13,292	7,749	2,514	447	1
3501-4000 grams.....	25,108	44	2,486	6,868	8,330	5,217	1,819	342	2
4001-4500 grams.....	6,017	3	410	1,454	2,041	1,437	553	119	...
4501-5000 grams.....	954	1	49	193	306	267	115	23	...
5001 and over.....	122	...	5	21	37	37	17	5	...
Not stated.....	163	1	24	52	46	26	9	1	4
Plurality									
Single.....	104,446	314	14,134	30,172	32,486	19,388	6,673	1,268	11
Twins.....	2,213	...	239	579	718	466	183	28	...
Triplets.....	57	...	...	17	14	23	3	...	...
Quadruplets.....	4	...	...	...	4	...	...	...	...
Place of Birth									
Home.....	139	...	6	34	43	41	13	2	...
Hospital.....	...	...	...	...	...	...	...	...	...
Voluntary.....	77,373	171	7,839	20,566	26,279	16,153	5,416	946	3
Proprietary.....	3,042	5	260	886	994	611	237	49	...
Municipal.....	25,795	138	6,220	9,184	5,787	2,989	1,179	294	4
Federal and State.....	1	...	...	...	1	...	...	...	...
All Others.....	370	...	48	98	118	83	14	5	4
Attendant									
Nurse-Midwife.....	4,688	9	920	1,723	1,132	674	199	29	2
Ambulance.....	554	3	129	163	134	79	34	11	1
In Hospital.....	...	...	...	...	...	...	...	...	...
Private Service.....	54,744	46	2,825	12,610	20,746	13,419	4,371	726	1
General Service.....	46,579	256	10,490	16,235	11,162	5,663	2,242	528	3
All Others.....	155	...	9	37	48	42	13	2	4
Financial Coverage									
Self.....	15,803	39	2,050	4,659	4,983	2,923	968	180	1
Medicaid.....	36,203	224	9,019	13,224	7,947	3,922	1,502	362	3
Third Party.....	53,498	46	3,057	12,537	19,971	12,833	4,313	739	2
Not stated.....	1,216	5	247	348	321	199	76	15	5
Five Minute APGAR Score									
6 or less.....	2,008	14	321	586	566	334	152	34	1
7.....	1,172	7	200	321	332	209	89	14	...
8.....	3,824	16	636	1,141	1,079	636	258	57	1
9.....	22,664	76	3,351	6,767	6,652	4,086	1,424	307	1
10.....	75,767	198	9,716	21,629	24,134	14,363	4,855	869	3
Not stated.....	1,285	3	149	324	459	249	81	15	5

**Table 18. Induced Abortions by Borough of Residence and Occurrence
New York City, 1978**

Borough of Residence	Borough of Occurrence					
	Total	Manhattan	Bronx	Brooklyn	Queens	Richmond
Manhattan	19,721	17,976	534	456	748	7
Bronx	16,337	9,089	6,168	338	741	1
Brooklyn	32,494	12,682	252	17,981	1,556	23
Queens	18,438	10,059	288	1,445	6,632	14
Richmond	2,739	1,453	11	539	156	580
Non Residents	13,034	8,664	630	2,674	1,043	23
Residence Unknown	3,074	1,833	231	395	600	15
Total	105,837	61,756	8,114	23,828	11,476	663

Table 19. Total Induced Abortions by Borough of Residence and Age of Woman - New York City, 1978

Borough of Residence	Total	Age of Woman							Not Stated
		Under 15	15-19	20-24	25-29	30-34	35-39	40 & Over	
Manhattan	19,721	122	3,048	6,396	5,240	3,069	1,348	359	139
Bronx	16,337	143	3,616	5,588	3,789	1,957	908	261	75
Brooklyn	32,494	291	6,699	10,933	7,485	4,267	2,036	604	179
Queens	18,438	107	3,638	5,971	4,238	2,615	1,335	427	107
Richmond	2,739	21	653	918	541	361	172	55	18
Non Residents	13,034	183	3,479	4,128	2,453	1,501	877	338	75
Residence Unknown	3,074	19	672	1,008	656	428	203	65	23
Total	105,837	886	21,805	34,942	24,402	14,198	6,879	2,109	616

**Table 20. Total Spontaneous Fetal Deaths by Gestation and Age of Woman
New York City, 1978**

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	2,655	7	225	631	805	569	281	130	7
13-15	642	1	64	146	207	130	72	21	1
16-19	461	...	59	133	129	90	37	13	...
20-27	598	4	74	158	173	115	56	17	1
28 & Over	757	2	98	214	192	154	69	27	1
Not Stated	481	1	41	125	142	95	45	13	19
Total	5,594	15	561	1,407	1,648	1,153	560	221	29

Table 21. Cases of Reportable Diseases, New York City, 1940-1978

Year	Pulmonary Tuberculosis	Measles	Scarlet Fever	Chickenpox	Whooping Cough	Meningococcus Meningitis	Poliomyelitis	Syphilis		Gonorrhea	Epilepsitis	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	1,552	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

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, 1978

Diseases	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Amebiasis	1,931	140	166	158	176	142	214	157	82	71	207	195	223
Chicken Pox	2,733	223	240	291	281	519	560	228	89	40	49	82	131
Hepatitis	1,260	86	78	129	119	145	127	57	119	79	107	114	100
Measles	405	22	29	32	17	58	42	120	19	15	9	28	14
Meningococcus)													
Meningitis	88	11	3	9	8	14	10	5	7	2	4	8	7
Mumps	165	30	18	21	12	15	22	10	11	11	7	4	4
Rubella	152	5	4	11	8	23	22	38	10	9	8	7	7
Salmonellosis	1,283	117	73	130	84	115	90	103	120	97	128	113	113
Shigellosis	764	70	53	69	90	88	46	42	73	58	61	69	45
Scarlet Fever	271	19	24	38	20	43	27	17	4	6	25	19	29
Tuberculosis	1,307	83	85	119	104	114	84	167	133	86	109	121	102
Typhoid Fever	47	2	2	2	1	0	2	5	9	5	5	6	8
Veneral Disease													
Gonorrhea	40,208	3,632	2,831	3,584	2,825	2,813	2,872	3,775	2,869	4,331	3,310	2,861	4,505
Syphilis-													
All Forms	5,657	378	395	455	487	548	497	372	485	372	517	594	557
Whooping Cough	54	2	2	4	7	2	1	4	6	8	11	5	2

New York City's Aging Population

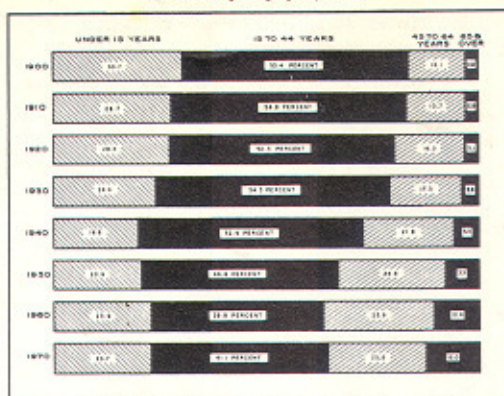


Table 23. Expectation of Life in New York City at Specified Ages, 1950, 1960, 1970 and United States 1970

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

