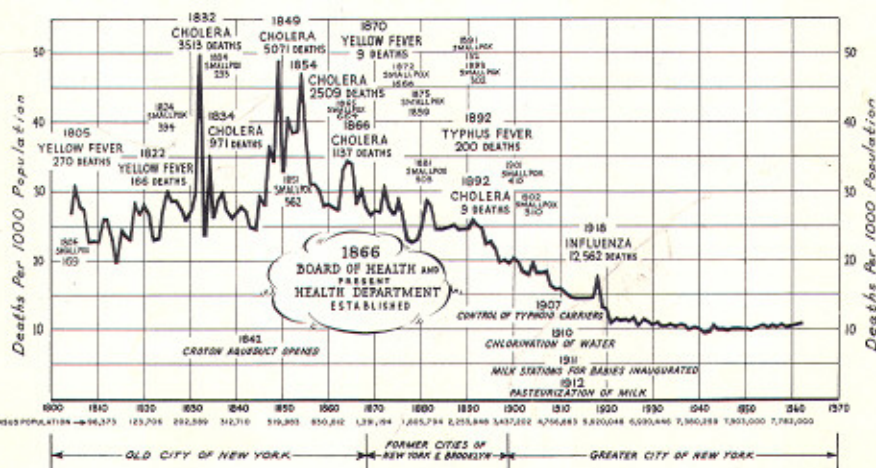


# SUMMARY OF VITAL STATISTICS 1963 THE CITY OF NEW YORK

## *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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Department of Health, The City of New York

GEORGE JAMES, M.D., Commissioner of Health



**Table 1. Population, Births, Marriages, Deaths and Infant Mortality, 1898-1963**

YEAR	Estimated Population July 1	LIVE BIRTHS*		MARRIAGES		DEATHS		FETAL DEATHS		INFANT MORTALITY	
		Total Re-ported	Rate per 1,000	Total Re-ported	Rate per 1,000	Total Re-ported	Rate per 1,000	Total Re-ported	Ratio to 1,000 Live Births	Under One Year Deaths	Rate per 1,000 Live Births
1898-1900	3,358,000	119,000	35.4	30,535	9.1	67,503	20.1	5,639	47.4	16,264	136.7
1901-1905	3,786,000	129,000	34.1	37,988	10.0	71,689	18.9	6,096	47.3	15,611	121.0
1906-1910	4,473,000	144,000	32.2	44,966	10.1	75,865	17.0	6,927	48.1	16,609	115.3
1911-1915	5,049,000	140,581	27.8	51,157	10.1	74,666	14.8	6,590	46.9	14,060	100.0
1916-1920	5,492,000	136,101	24.8	59,081	10.8	80,435	14.6	6,276	46.1	12,004	88.2
1921-1925	6,175,000	130,462	21.1	62,510	10.1	69,303	11.2	6,205	47.6	8,985	68.9
1926-1930	6,703,000	125,590	18.7	65,278	9.7	75,395	11.2	5,899	47.0	7,662	61.0
1931-1935	7,101,000	106,179	15.0	63,273	8.9	75,561	10.6	5,259	49.5	5,521	52.0
1936	7,258,000	98,507	13.6	72,234	10.0	77,638	10.7	4,992	50.7	4,490	45.6
1937	7,311,000	101,988	13.9	69,417	9.5	77,465	10.6	4,847	47.5	4,457	43.7
1938	7,363,000	102,045	13.9	63,493	8.6	73,775	10.0	4,995	48.9	3,910	38.3
1939	7,416,000	102,261	13.8	62,288	8.4	75,439	10.2	6,831†	66.8†	3,793	37.1
1940	7,466,000	107,287	14.4	78,487	10.5	76,008	10.2	7,986	74.4	3,746	34.9
1941	7,510,000	114,367	15.2	83,012	11.1	74,553	9.9	8,974	78.5	3,519	30.8
1942	7,553,000	131,989	17.5	81,454	10.8	75,675	10.0	10,013	75.9	3,805	28.8
1943	7,597,000	134,520	17.7	76,059	10.0	83,174	11.0	9,508	70.7	4,069	30.2
1944	7,641,000	122,748	16.1	67,315	8.8	78,783	10.3	9,987	81.4	3,829	31.2
1945	7,684,000	128,853	16.8	72,589	9.4	79,726	10.4	10,367	80.5	3,918	30.4
1946	7,728,000	152,736	19.8	104,548	13.5	78,481	10.2	12,980	85.0	4,239	27.8
1947	7,772,000	171,174	22.0	95,897	12.3	80,733	10.4	14,077	82.2	4,517	26.4
1948	7,815,000	157,969	20.2	92,273	11.8	81,651	10.4	14,018	88.7	4,138	26.2
1949	7,859,000	156,932	20.0	79,367	10.1	78,593	10.0	14,455	92.1	3,942	25.1
1950	7,903,000	155,818	19.7	82,535	10.4	79,082	10.0	16,405	105.3	3,858	24.8
1951	7,891,000	162,755	20.6	76,983	9.8	79,109	10.0	17,961	110.4	3,847	23.6
1952	7,879,000	164,165	20.8	71,004	9.0	81,139	10.3	18,549	113.0	3,980	24.2
1953	7,867,000	161,499	20.5	71,942	9.1	82,039	10.4	19,357	119.9	3,945	24.4
1954	7,854,000	164,060	20.9	69,900	8.9	79,014	10.1	20,379	124.2	3,891	23.7
1955	7,843,000	165,150	21.1	68,615	8.7	81,612	10.4	20,384	123.4	4,268	25.8
1956	7,831,000	165,553	21.1	70,291	9.0	81,118	10.4	21,527	130.0	4,052	24.5
1957	7,818,000	166,977	21.4	69,498	8.9	84,141	10.8	21,810	130.6	4,176	25.0
1958	7,806,000	167,775	21.5	67,594	8.7	84,586	10.8	22,331	133.1	4,435	26.4
1959	7,794,000	168,138	21.6	66,887	8.6	85,352	11.0	22,665	134.8	4,458	26.5
1960	7,782,000	166,300	21.4	67,133	8.6	86,252	11.1	23,055	138.6	4,328	26.0
1961	7,782,000	168,383	21.6	66,258	8.5	86,855	11.2	22,286	132.4	4,307	25.6
1962	7,780,000	165,244	21.2	65,512	8.4	87,089	11.2	22,461	135.9	4,510	27.3
1963	7,780,000	167,848	21.6	67,886	8.7	88,621	11.4	22,484	134.0	4,334	25.8

NOTE: Figures for single years prior to 1936 appear in the annual summaries for 1957 and earlier.  
 \*1898-1913 birth figures are estimated, as the number actually reported was undoubtedly incomplete.  
 †Increase due to improved reporting of fetal deaths under 20 weeks gestation.

**Table 2. Births, Deaths, Maternal Deaths and Fetal Deaths, by Borough of Report, 1963**

BOROUGH	Estimated Population July 1	LIVE BIRTHS	DEATHS	FETAL DEATHS	MATERNAL DEATHS		
					Number	Rate per 1,000 Live Births	Total Births*
Manhattan	1,650,000	50,205	28,229	6,405	45	9.0	7.9
The Bronx	1,430,000	23,626	14,266	3,127	16	6.8	6.0
Brooklyn	2,610,000	56,744	26,865	8,488	41	7.2	6.3
Queens	1,860,000	32,373	16,773	3,922	13	4.0	3.6
Richmond	230,000	4,900	2,488	542	1	2.0	1.8
City of New York	7,780,000	167,848	88,621	22,484	116	6.9	6.1

\*Live births and fetal deaths.

**Table 3. Births, Fetal Deaths, and Deaths by Borough of Residence City of New York, 1963**

	Total Recorded In New York City	Known Residents by Borough of Residence					Known Non-Residents of City	Perman-ent Res. Un-known
		Man-hattan	Bronx	B'klyn	Queens	Rich'd		
Live births	167,848	29,623	29,332	57,979	34,202	4,830	10,432	1,450
Rate per 1,000 population	21.6	18.0	20.5	22.2	18.4	21.0	.....	.....
Fetal deaths	22,484	4,584	3,619	8,306	4,050	548	1,094	283
Ratio per 1,000 live births	134.0	154.7	123.4	143.3	118.4	113.5	.....	.....
Deaths under one year	4,334	904	793	1,569	685	96	248	39
Rate per 1,000 live births	25.8	30.5	27.0	27.1	20.0	19.9	.....	.....
Deaths under 28 days	3,192	701	538	1,127	534	80	177	35
Rate per 1,000 live births	19.0	23.7	18.3	19.4	15.6	16.6	.....	.....
Deaths from all causes	88,621	21,005	14,840	27,531	17,977	2,268	4,208	792
Rate per 1,000 population	11.4	12.7	10.4	10.5	9.7	9.9	.....	.....



**Table 4. Deaths by Cause and Borough of Residence, City of New York, 1963**

CAUSE OF DEATH	Total Recorded In New York City	Known Residents by Borough of Residence					known Non-Residents of City	Permanent Res. Un-Known
		Manhattan	Bronx	B'klyn	Queens	Rich'd		
<b>TOTAL, ALL CAUSES</b>	<b>88,621</b>	<b>21,005</b>	<b>14,840</b>	<b>27,531</b>	<b>17,977</b>	<b>2,268</b>	<b>4,208</b>	<b>792</b>
1. Total tuberculosis (001-019) .....	683	237	62	232	98	4	21	29
Respiratory tuberculosis (001-008) .....	645	225	56	221	91	4	19	29
Other forms (010-019) .....	38	12	6	11	7	0	2	0
2. Syphilis and its sequelae (020-029) .....	86	23	13	23	15	5	6	1
3. Acute poliomyelitis (080) .....	1	1	0	0	0	0	0	0
4. Infectious hepatitis (092) .....	31	6	6	10	4	5	0	0
5. Other infective and parasitic diseases (Rest of 001-138) .....	121	40	17	35	14	2	13	0
6. Malignant neoplasms, all (140-205) .....	17,254	3,870	3,164	4,923	3,532	416	1,296	53
Buccal cavity and pharynx (140-148) .....	397	108	94	93	56	5	38	3
Digestive organs and peritoneum (150-159) .....	6,212	1,456	1,150	1,845	1,284	157	300	20
Stomach (151) .....	1,300	315	233	383	271	37	55	6
Large intestine (153) .....	1,977	454	379	593	409	49	86	7
Rectum (154) .....	778	183	166	208	163	17	38	3
Biliary passages and liver (155, 156) .....	674	136	123	225	147	16	26	1
Pancreas (157) .....	940	195	166	302	189	30	56	2
Respiratory system (160-165) .....	3,029	666	552	836	677	71	213	14
Bronchus (162.1) .....	1,094	246	195	302	233	26	88	4
Lung and pleura (162.2, 163) .....	1,580	356	275	441	367	37	97	7
Breast and genito-urinary organs (170-181) .....	4,361	1,003	828	1,239	884	100	298	9
Breast (170) .....	1,687	364	329	492	334	43	121	4
Cervix uteri (171) .....	308	90	52	72	61	6	27	0
Ovary, Fallopian tube and broad ligament (175) .....	512	119	97	159	100	5	31	1
Prostate (177) .....	603	149	111	174	114	20	33	2
Bladder and other urinary organs (181) .....	502	128	99	130	103	15	27	0
Other and unspecified sites (190-199) .....	1,679	358	295	445	334	42	199	6
Lymphatic and hematopoietic tissues (200-205) .....	1,576	279	245	465	297	41	248	1
Leukemia and aleukemia (204) .....	722	129	110	195	141	23	124	0
7. Benign and unspecified neoplasms (210-239) .....	294	62	50	81	56	9	36	0
8. Diabetes mellitus (260) .....	1,848	350	373	687	335	48	51	4
9. Total cardiovascular-renal (330-334, 400-468, 592-594) .....	47,229	10,771	7,683	15,328	10,242	1,272	1,650	283
Vascular lesions of nervous system (330-334) .....	6,195	1,628	949	2,044	1,128	209	193	44
Rheumatic fever (400-402) .....	13	5	2	3	2	0	1	0
Diseases of the heart (410-443) .....	38,227	8,455	6,305	12,377	8,594	963	1,315	218
Chronic rheumatic heart disease (410-416) .....	1,257	240	222	373	300	28	93	1
Arteriosclerotic heart disease (420) .....	31,240	6,771	5,131	10,184	7,089	786	1,088	191
Other myocardial degeneration (421, 422) .....	2,128	588	325	757	326	79	44	9
Hypertension with heart disease (440-443) .....	3,151	727	563	933	778	62	75	13
Hypertension no mention of heart (444-447) .....	474	93	87	150	102	24	14	4
General arteriosclerosis (450) .....	1,138	309	143	429	196	29	23	9
Chronic and unspecified nephritis (592-594) .....	482	123	69	139	92	22	34	3
10. Influenza and pneumonia (480-483, 490-493) .....	3,697	929	700	1,176	632	99	116	45
11. Ulcer of stomach and duodenum (540, 541) ..	758	158	127	248	155	14	49	7
12. Appendicitis (550-553) .....	90	19	13	31	23	2	2	0
13. Intestinal obstruction and hernia (560, 561, 570) .....	441	100	68	162	87	7	16	1
14. Gastritis, duodenitis, enteritis, colitis (543, 571, 572) .....	384	76	56	130	75	17	29	1
15. Cirrhosis of liver (581) .....	2,298	856	336	540	359	37	100	70
16. Acute nephritis and nephrosis (590, 591) .....	19	4	2	11	1	0	1	0
17. Hyperplasia of prostate (610) .....	280	83	56	77	43	5	11	5
18. Puerperal diseases (640-689) .....	116	30	20	43	15	1	7	0
19. Congenital malformations (750-759) .....	941	137	165	277	183	29	149	1
20. Diseases of early infancy (760-776) .....	2,759	623	482	1,016	435	73	119	11
21. All other diseases .....	4,962	1,419	789	1,358	863	129	308	96
22. Total accidents (800-962) .....	2,756	706	379	754	574	75	146	122
Motor vehicle accidents (810-835) .....	697	120	100	238	145	15	56	23
Home accidents .....	1,012	281	154	268	255	39	12	3
Drowning* (929) .....	159	36	23	40	17	0	11	32
23. Suicide (963, 970-979) .....	998	308	191	215	185	16	63	20
24. Homicide (964, 965, 980-999) .....	575	197	88	174	51	3	19	43

\*Exclusive of drownings at home.

Numbers in parentheses are those of the International Statistical Classification of Diseases, Injuries and Causes of Death, 1958 Revision.

**Table 5. Chief Causes of Death in Certain Age Groups (a)  
City of New York, 1963**

Males			Females	
Deaths	Per Cent		Deaths	Per Cent
<b>ALL AGES</b>				
21,408	44	Heart Diseases	16,832	42
9,280	19	Malignant Neoplasms	7,974	20
2,786	6	Vascular Lesions of Central Nervous System	3,409	9
2,082	4	Influenza and Pneumonia	1,615	4
1,604	3	Diseases of Early Infancy	1,155	3
1,704	3	Accidents	1,052	3
1,557	3	Cirrhosis of the Liver	741	2
760	2	Diabetes Mellitus	1,088	3
7,974	16	All Other Causes	5,600	14
49,155	100	Total	39,466	100
<b>UNDER ONE YEAR</b>				
609	25	Immaturity	468	25
419	17	Postnatal Asphyxia and Atelectasis	351	19
348	14	Congenital Malformations	304	16
330	13	Influenza and Pneumonia	245	13
342	14	Diseases Peculiar to Early Infancy	199	11
135	5	Injury at Birth	75	4
62	3	Diarrhea	36	2
23	1	Accidents	19	1
209	8	All Other Causes	160	9
2,477	100	Total	1,857	100
<b>1 TO 14 YEARS</b>				
185	27	Accidents	84	17
136	20	Malignant Neoplasms	112	23
85	13	Congenital Malformations	66	13
84	12	Influenza and Pneumonia	58	12
14	2	Gastritis, duodenitis, enteritis & colitis	6	1
9	1	Meningitis	11	2
10	2	Homicide	7	1
6	1	Benign and unspecified neoplasms	8	2
147	22	All Other Causes	142	29
676	100	Total	494	100
<b>15 TO 24 YEARS</b>				
133	19	Accidents	41	12
88	13	Malignant Neoplasms	57	17
94	14	Homicide	20	6
62	9	Suicide	32	9
18	3	Influenza and Pneumonia	16	5
15	2	Heart Diseases	18	5
16	2	Congenital Malformations	13	4
.....	.....	Puerperal Diseases	24	7
263	38	All Other Causes	119	35
689	100	Total	340	100
<b>25 TO 44 YEARS</b>				
445	13	Malignant Neoplasms	664	28
764	22	Heart Disease	340	14
338	10	Cirrhosis of the Liver	185	8
351	10	Accidents	79	3
192	6	Suicide	150	6
237	7	Homicide	46	2
116	3	Vascular Lesions of Central Nervous System	109	5
140	4	Influenza and Pneumonia	74	3
884	25	All Other Causes	785	32
3,447	100	Total	2,412	100
<b>45 TO 64 YEARS</b>				
7,350	46	Heart Diseases	3,223	34
3,610	22	Malignant Neoplasms	3,213	34
901	6	Cirrhosis of the Liver	406	4
681	4	Vascular Lesions of Central Nervous System	598	6
466	3	Influenza and Pneumonia	241	3
484	3	Accidents	164	2
268	2	Diabetes Mellitus	304	3
229	1	Suicide	133	1
2,039	13	All Other Causes	1,251	13
16,028	100	Total	9,533	100
<b>65 AND OVER</b>				
13,275	51	Heart Diseases	13,241	53
4,994	19	Malignant Neoplasms	3,921	16
1,973	8	Vascular Lesions of Central Nervous System	2,690	11
1,137	4	Influenza and Pneumonia	1,041	4
548	2	Accidents	665	3
437	2	Diabetes Mellitus	727	3
437	2	General Arteriosclerosis	602	2
309	1	Cirrhosis of the Liver	143	1
2,728	11	All Other Causes	1,800	7
25,838	100	Total	24,830	100

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



**Table 6. Infant and Puerperal Mortality by Ethnic Group, New York City, 1953-1963**

Ethnic Group	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
<b>Live Births</b>											
Total	161,499	164,060	165,150	165,553	166,977	167,775	168,138	166,300	168,383	165,244	167,848
Puerto Rican	14,431	16,891	18,365	19,545	20,553	21,863	22,894	24,022	24,746	24,975	25,563
Nonwhite	23,975	25,465	27,093	29,103	30,431	32,546	33,705	34,233	36,502	37,890	40,530
Other	123,093	121,704	119,692	116,905	115,993	113,366	111,539	108,045	107,135	102,379	101,755
<b>Infant Deaths</b>											
Total	3,945	3,891	4,268	4,052	4,176	4,435	4,458	4,328	4,307	4,510	4,334
Puerto Rican	419	487	641	562	632	673	734	682	749	705	722
Nonwhite	971	948	1,112	1,113	1,276	1,404	1,459	1,452	1,448	1,640	1,589
Other	2,555	2,456	2,515	2,377	2,268	2,358	2,265	2,194	2,110	2,165	2,023
<b>Infant Mortality Rates*</b>											
Total	24.4	23.7	25.8	24.5	25.0	26.4	26.5	26.0	25.6	27.3	25.8
Puerto Rican	29.0	28.8	34.9	28.8	30.7	30.8	32.1	28.4	30.3	28.2	28.2
Nonwhite	40.5	37.2	41.0	38.2	41.9	43.1	43.3	42.4	39.7	43.3	39.2
Other	20.8	20.2	21.0	20.3	19.6	20.8	20.3	20.3	19.7	21.1	19.9
<b>Deaths Under 28 Days</b>											
Total	2,945	2,938	3,235	3,072	3,211	3,286	3,347	3,186	3,263	3,310	3,192
Puerto Rican	298	348	469	413	463	486	522	492	578	512	529
Nonwhite	717	707	851	840	958	1,021	1,077	1,075	1,070	1,158	1,140
Other	1,930	1,883	1,915	1,819	1,790	1,779	1,748	1,619	1,615	1,640	1,523
<b>Neonatal Mortality Rates*</b>											
Total	18.2	17.9	19.6	18.6	19.2	19.6	19.9	19.2	19.4	20.0	19.0
Puerto Rican	20.6	20.6	25.5	21.1	22.5	22.2	22.8	20.5	23.4	20.5	20.7
Nonwhite	29.9	27.8	31.4	28.9	31.5	31.4	32.0	31.4	29.3	30.6	28.1
Other	15.7	15.5	16.0	15.6	15.4	15.7	15.7	15.0	15.1	16.0	15.0
<b>Puerperal Deaths</b>											
Total	105	96	99	101	107	103	104	115	130	121	116
Puerto Rican	12	14	18	20	21	21	22	26	19	18	26
Nonwhite	49	45	39	45	42	45	47	47	61	68	48
Other	44	37	42	39	44	37	35	42	50	35	42
<b>Puerperal Mortality Rates**</b>											
Total	6.5	5.9	6.0	6.3	6.4	6.1	6.2	6.9	7.7	7.3	6.9
Puerto Rican	8.3	8.3	9.8	10.2	10.2	9.6	9.6	10.8	7.7	7.2	10.2
Nonwhite	20.4	17.7	14.4	15.5	13.8	13.8	13.9	13.7	16.7	17.9	11.8
Other	3.6	3.0	3.5	3.3	3.8	3.3	3.1	3.9	4.7	3.4	4.1

\*Rates per 1,000 live births.

\*\*Rates per 10,000 live births.

**Table 7. Infant Mortality Rates (Per 100 Live Births) by Weight and Color, New York City, 1963**

Birth Weight (in grams)	Under One Year			Under 28 Days			Under 7 Days		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
Under 1001	87.7	88.7	86.7	87.1	88.4	85.8	85.2	86.9	83.5
1001 - 1500	46.4	51.1	40.9	44.3	49.8	37.9	42.3	48.3	35.2
1501 - 2000	14.3	16.4	11.5	12.1	14.7	8.6	11.6	14.1	8.4
2001 - 2500	4.0	4.2	3.7	2.8	3.2	2.0	2.3	2.8	1.5
Total under 2501	15.4	14.7	16.6	14.0	13.6	14.6	13.3	13.0	13.7
2501 - 3000	1.4	1.2	1.7	0.7	0.7	0.6	0.5	0.5	0.5
3001 - 3500	0.8	0.7	1.1	0.4	0.4	0.4	0.3	0.3	0.3
3501 - 4000	0.7	0.7	1.0	0.3	0.3	0.4	0.3	0.3	0.3
4001 - 4500	0.9	0.8	1.4	0.5	0.5	0.7	0.4	0.4	0.5
4501 - 5000	1.1	1.0	1.7	0.5	0.4	1.1	0.4	0.4	0.6
5001 and over	2.0	2.5	.....	1.3	1.6	.....	0.7	0.8	.....
Total 2501 and over	1.0	0.8	1.3	0.5	0.4	0.5	0.4	0.4	0.4
Total	2.6	2.1	3.9	1.9	1.6	2.8	1.7	1.5	2.6



Table 8.

## Population, Deaths and Crude Death Rates per 100,

CAUSE	1901- 1905	1906- 1910	1911- 1915	1916- 1920	1921- 1925	1926- 1930	1931- 1935
Infant deaths	15,611	16,609	14,060	12,004	8,985	7,662	5,511
Rate (a)	120.8	115.2	100.0	88.2	68.9	61.0	52.1
Neonatal deaths	(b)	(b)	5,143	4,894	4,309	3,892	3,111
Rate (a)	.....	.....	37.4	36.0	33.0	31.0	29.1
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 (85)	616	925	630	559	405	255	111
Rate (d)	144.0	191.8	119.8	100.5	73.2	46.8	21.1
Whooping cough (56)	365	329	353	456	302	226	111
Rate (d)	85.6	68.1	66.7	81.9	54.5	41.5	29.1
Scarlet fever (50)	832	872	521	150	173	75	41
Rate (d)	73.8	63.2	36.3	9.5	10.5	4.4	4.1
Diphtheria (55)	1,980	1,765	1,302	1,144	739	499	111
Rate (d)	174.5	135.9	90.1	73.3	45.0	29.7	7.1
Typhoid fevers (40, 41)	691	607	414	180	155	83	41
Rate	18.3	13.6	8.2	3.3	2.5	1.2	0.8
Meningococcus men. (57)	846	485	185	184	106	305	111
Rate	22.3	10.8	3.7	3.4	1.7	4.6	2.1
Tuberculosis of resp. sys. (1-8)	8,154	8,832	8,745	7,915	4,937	4,574	4,011
Rate	215.4	197.5	173.2	144.1	80.0	68.2	57.1
Other tuberculosis (10-19)	1,246	1,288	1,415	1,189	754	670	411
Rate	32.9	28.8	28.0	21.6	12.2	10.0	7.1
Influenza (480-483)	449	412	393	4,480	725	874	611
Rate	11.9	9.2	7.8	81.6	11.7	13.0	8.1
Pneumonia (490-493)	9,976	10,573	10,135	12,656	8,210	9,115	7,511
Rate	263.5	236.4	200.7	230.4	133.0	136.0	106.1
Other respiratory (470-475, 500-527)	3,224	2,307	1,458	1,407	689	622	511
Rate	85.2	51.6	28.9	25.6	11.2	9.3	8.1
Malignant neoplasms (140-205) (e)	2,621	3,334	4,256	4,993	6,229	7,637	9,011
Rate	69.2	74.5	84.3	90.9	100.9	113.9	127.1
Diabetes (260)	520	690	916	1,063	1,284	1,624	2,111
Rate	13.7	15.4	18.1	19.4	20.8	24.2	30.1
Appendicitis (550-553)	472	565	664	686	912	1,053	1,011
Rate	12.5	12.6	13.2	12.5	14.8	15.7	14.1
Nephritis (590-594)	5,752	5,600	5,499	5,676	4,108	3,411	3,611
Rate	151.9	125.2	108.9	103.4	50.9	50.8	50.1
Circulatory system (400-468)	5,954	9,148	12,699	14,792	18,114	21,815	3,711
Rate	157.3	204.5	251.5	269.3	293.3	325.5	333.1
Vascular lesions (330-334) (f)	2,593	1,790	970	834	719	723	1,411
Rate	68.4	40.0	19.2	15.2	11.6	10.8	20.1
Cardiovascular-renal (330-334, 400-468, 590-594)	14,297	16,538	19,168	21,302	22,941	25,949	8,711
Rate	377.6	369.7	379.6	337.9	371.4	387.2	404.1
Suicides (963, 970-979) (i)	761	825	866	742	842	1,163	1,311
Rate	20.1	18.4	17.2	13.5	13.6	17.4	19.1
Homicides (964, 965, 980-999)	143	247	293	271	334	405	521
Rate	3.8	5.5	5.8	4.9	5.4	6.0	7.1
Automobile accidents (810-835)	(b)	(b)	253	658	929	1,175	1,111
Rate	.....	.....	5.0	12.0	15.0	17.5	16.1
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	3,211
Rate	93.0	79.3	69.6	62.4	50.8	53.3	45.1
Puerperal diseases (640-689)	694	745	694	664	689	651	601
Rate—per 10,000 live births	53.7	51.7	49.4	48.8	52.8	51.8	57.1

Numbers following disease names are numbers of the International List, 7th Revision. (a) Rates are per 1,000 live births, deaths (28+). (d) Rates for measles and whooping cough, per 100,000 under five years; rates for scarlet fever and diphtheria changed in 1935, giving greater weight to cerebral hemorrhage than to arteriosclerosis. The rate for 1931-1934 was classified as "public" rather than "home," thus reducing home accident totals. Beginning with 1935 accidents in which injury was inflicted accidentally or with suicidal intent as suicides. Previously such deaths had been classified



# 100,000 Population, City of New York, 1901 to 1963

## ANNUAL AVERAGE

1931- 1935	1936- 1940	1941- 1945	1946- 1948	Fifth Rev.		1952- 1955	1956- 1960	1961	1962	1963
				1949- 1951	1949- 1951					
5,521	4,079	3,828	4,298	3,882	3,882	4,021	4,290	4,307	4,510	4,334
52.0	39.8	30.3	26.8	24.5	24.5	24.6	25.7	25.6	27.3	25.8
3,152	2,631	2,764	3,298	2,989	2,989	3,032	3,220	3,263	3,310	3,192
29.7	25.7	21.9	20.5	18.9	18.9	18.5	19.3	19.4	20.0	19.0
(b)	2,101	2,338	2,845	2,604	2,604	2,713	2,909	2,966	2,953	2,906
.....	20.5	18.5	17.7	16.4	16.4	16.6	17.4	17.6	17.9	17.3
(b)	2,589	2,709	2,902	2,441	2,441	2,310	2,362	2,341	2,254	2,409
.....	25.3	21.4	18.1	15.4	15.4	14.1	14.1	13.9	13.6	14.4
(b)	44.7	39.1	35.1	31.3	31.3	30.3	31.1	31.1	31.1	31.2
107	31	14	16	10	10	12	12	1	16	3
21.4	6.5	2.6	2.4	1.4	1.4	1.8	1.8	0.1	2.3	0.4
148	58	43	11	6	6	2	2	0	0	0
29.7	12.0	7.9	1.6	0.8	0.8	0.3	0.3	.....	.....	.....
81	28	8	1	0	0	0	1	0	0	0
4.8	1.7	0.5	0.1	.....	.....	.....	0.1	.....	.....	.....
131	30	11	12	2	2	1	0	0	0	0
7.7	1.9	0.7	0.7	0.1	0.1	0.1	.....	.....	.....	.....
58	24	10	5	3	2	1	1	0	0	0
0.8	0.3	0.1	0.1	h	h	h	h	.....	.....	.....
142	87	135	40	33	32	34	27	29	34	29
2.0	1.2	1.8	0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.4
4,068	3,680	3,281	2,932	2,253	2,173	1,178	824	688	697	645
57.3	50.0	43.2	37.7	28.4	27.4	15.0	10.6	8.8	9.0	8.3
498	345	304	229	184	172	97	52	50	43	38
7.0	4.7	4.0	2.9	2.3	2.2	1.2	0.7	0.6	0.6	0.5
625	250	108	48	46	57	51	68	39	34	55
8.8	3.4	1.4	0.6	0.6	.07	0.6	0.9	0.5	0.4	0.7
7,580	5,087	3,345	2,966	2,457	2,412	2,613	3,391	3,466	3,158	3,642
106.7	69.1	44.0	38.2	31.0	30.4	33.2	43.4	44.5	40.6	46.8
594	536	492	424	424	450	461	651	858	929	944
8.4	7.3	6.5	5.5	5.3	5.7	5.9	8.3	11.0	11.9	12.1
9,062	11,257	13,169	14,627	15,460	15,556	16,553	16,869	17,384	17,252	17,254
127.6	152.9	173.3	188.2	194.8	196.0	210.6	216.1	223.4	221.7	221.8
2,140	2,787	3,131	3,423	3,688	1,583	1,644	1,581	1,708	1,725	1,848
30.1	37.9	41.2	44.0	46.5	19.9	20.9	20.3	21.9	22.2	23.8
1,059	857	441	273	205	192	162	136	109	107	90
14.9	11.6	5.8	3.5	2.6	2.4	2.1	1.7	1.4	1.4	1.2
3,608	3,675	3,081	2,574	2,073	570	556	573	544	513	501
50.9	40.6	40.6	33.1	26.1	7.2	7.1	7.3	7.0	6.6	6.4
3,706	25,711	30,886	32,547	32,547	36,206	37,724	38,988	39,684	40,044	40,552
333.8	349.2	406.6	418.7	410.2	456.3	479.9	499.5	509.9	514.7	521.2
1,433	3,846	3,611	3,710	3,811	5,099	5,688	6,013	6,247	6,040	6,195
20.2	52.2	47.5	47.7	48.0	64.3	72.4	77.0	80.3	77.6	79.6
8,747	33,232	37,578	38,823	38,431	41,875	43,968	45,574	46,475	46,597	47,248
404.8	451.3	494.7	499.5	484.3	527.8	559.3	583.8	597.2	598.9	607.3
1,369	1,191	907	930	863	863	649	711	818	919	998
19.3	16.2	11.9	12.0	10.9	10.9	8.3	9.1	10.5	11.8	12.8
522	351	265	362	318	318	340	366	500	541	575
7.4	4.5	3.5	4.7	4.0	4.0	4.3	4.7	6.4	7.0	7.4
1,167	920	728	635	593	600	634	655	630	712	697
16.4	12.5	9.6	8.2	7.5	7.6	8.1	8.4	8.1	9.2	9.0
(b)	1,546	1,823	1,941	(b)	1,699	1,568	1,095	963	902	1,012
.....	21.0	24.0	25.0	.....	21.4	19.9	14.0	12.4	11.6	13.0
3,205	1,561	1,268	1,314	(b)	1,008	882	996	952	1,111	1,047
45.1	21.2	16.7	16.9	.....	12.7	11.2	12.8	12.2	14.3	13.5
608	372	255	178	137	115	102	107	130	121	116
57.3	36.3	20.2	11.1	8.6	7.3	6.2	6.4	7.7	7.3	6.9

live births. (b) Not available.. (c) Fetal deaths (28 wks.+ ) plus infant deaths (-7days) per 1,000 live births plus fetal and ephtheria, per 100,000 under fifteen years. (e) Includes neoplasms of lymphatic and haematopoietic tissues. (f) Cod-31-1934 was 9.1, and for 1935 it was 44.9. (g) Beginning with 1956 accidents occurring in other than residential hospitals incidents in all hospitals were classified as "public" resulting in a small additional drop in home accident totals. (h) Rate "fall or jump" from high places, ingestion of poison, or inhalation of gas where an indication is undetermined whether classified as accidental deaths.



**Table 9. Population, Births, Deaths and Infant Mortality by Health Center District of Residence, New York City, 1963**

	July 1, 1963	LIVE BIRTHS						DEATHS ALL CAUSES		INFANT MORTALITY	
		Number	Rate	PERCENT OF TOTAL BIRTHS				Number	Rate*	Number	Rate**
				Puerto Rican Mothers	Nonwhite Births	Under 2501 Grams	Late or No Prenatal Care				
NEW YORK CITY	7,780,000	167,848	21.6	15.2	24.1	9.9	23.6	88,621	11.4	4,334	25.8
KNOWN RESIDENTS	7,780,000	155,967	†	16.3	25.6	10.2	24.3	83,621	†	4,047	25.9
MANHATTAN	1,650,000	29,625	18.0	24.7	36.9	12.1	29.5	21,005	12.7	904	30.5
Central Harlem	228,000	5,767	25.3	4.3	93.6	16.6	42.7	2,977	13.1	220	38.1
East Harlem	182,000	4,524	24.9	48.5	31.6	12.5	34.2	1,925	10.6	177	39.1
Kips Bay-Yorkville	212,000	2,312	10.9	2.9	3.7	8.5	13.4	2,967	14.0	43	18.6
Lower East Side	258,000	4,675	18.1	48.8	15.6	10.7	27.4	3,345	13.0	126	27.0
Lower West Side	253,000	3,236	12.8	23.8	14.6	10.9	28.0	3,618	14.3	102	31.5
Riverside	250,000	4,718	18.9	24.2	32.0	11.9	28.6	3,160	12.6	133	28.2
Washington Heights	67,000	4,393	16.5	13.8	29.5	10.4	20.5	3,013	11.3	103	23.4
BRONX	1,430,000	29,333	20.5	27.8	21.5	9.8	28.2	14,840	10.4	793	27.0
Fordham-Riverdale	241,000	3,908	16.2	4.6	4.1	7.1	12.3	2,680	11.1	72	18.4
Morrisania	259,000	6,810	26.3	40.7	37.5	12.1	39.6	2,580	10.0	264	38.8
Mott Haven	217,000	5,940	27.4	58.0	27.5	12.5	43.9	1,755	8.1	197	33.2
Pelham Bay	181,000	2,879	15.9	3.4	20.1	8.6	14.3	1,880	10.4	63	21.9
Tremont	265,000	5,057	19.1	26.3	18.6	9.1	29.4	3,405	12.8	114	22.5
Westchester	267,000	4,739	17.7	7.2	9.5	7.0	12.9	2,540	9.5	83	17.5
BROOKLYN	2,610,000	57,977	22.2	16.3	29.1	10.7	27.8	27,531	10.5	1,569	27.1
Bay Ridge	289,000	5,023	17.4	1.4	1.2	7.2	7.9	3,087	10.7	91	18.1
Bedford	285,000	8,028	28.2	8.7	79.1	15.0	44.7	2,942	10.3	297	37.0
Brownsville	318,000	8,436	26.5	26.4	36.3	12.1	34.4	3,133	9.9	263	31.2
Bushwick	211,000	5,661	26.8	19.4	36.5	11.0	35.6	2,315	11.0	157	27.7
Flatbush	468,000	7,878	16.8	1.3	4.1	7.3	9.3	5,366	11.5	143	18.2
Fort Greene	213,000	5,984	28.1	22.1	55.6	13.6	39.3	2,204	10.3	233	38.9
Gravesend	300,000	5,210	17.4	3.7	5.2	9.3	13.7	3,105	10.3	104	20.0
Red Hook-Gowanus	157,000	3,645	23.2	32.2	22.2	11.4	31.6	1,609	10.2	102	28.0
Sunset Park	185,000	3,531	19.1	15.1	1.8	8.2	17.2	2,057	11.1	89	25.2
Wmsbrg.-Greenpoint	184,000	4,581	24.9	44.0	12.3	9.5	36.0	1,713	9.3	90	19.6
QUEENS	1,860,000	34,202	18.4	1.4	16.2	8.2	12.8	17,977	9.7	685	20.0
Astoria-L. I. C.	261,000	4,462	17.1	2.8	7.2	7.5	12.1	2,627	10.1	93	20.8
Corona	223,000	4,716	21.1	1.8	15.7	7.7	12.5	2,314	10.4	99	21.0
Flushing	456,000	7,544	16.5	0.7	3.5	6.7	7.1	3,563	7.8	104	13.8
Jamaica East	315,000	6,267	19.9	1.1	53.4	11.4	23.9	2,810	8.9	164	26.2
Jamaica West	320,000	6,338	19.8	1.7	12.5	8.7	13.0	3,533	11.0	144	22.7
Maspeth-Forest Hills	285,000	4,875	17.1	0.5	1.5	6.5	7.8	3,130	11.0	81	16.6
RICHMOND	230,000	4,830	21.0	1.0	6.7	7.3	9.6	2,268	9.9	96	19.9
KNOWN NON-RESIDENTS	....	10,426	....	....	....	....	....	4,208	....	248	....
PERMANENT RES. UNKNOWN	....	1,455	....	....	....	....	....	792	....	39	....

\*Rate per 1,000 population.

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

†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 City residents.



Table 10. Live Births and Fetal Deaths (20 Weeks and Over) by Age of Mother, City of New York, 1963

	Total Births	AGE OF MOTHER							40 & Over	Not Stated
		Under 15 Years	15-19	20-24	25-29	30-34	35-39			
Total Births.....	167,848	244	17,089	58,369	47,019	27,745	13,718	3,599	65	
<b>Sex of Child</b>										
Male.....	85,880	126	8,751	29,714	24,121	14,225	7,046	1,858	39	
Female.....	81,968	118	8,338	28,655	22,898	13,520	6,672	1,741	26	
<b>Race of Child</b>										
White.....	126,304	71	10,311	43,114	37,091	22,079	10,757	2,843	38	
Negro.....	40,151	173	6,721	14,953	9,417	5,341	2,797	722	27	
Indian.....	38	....	3	17	2	9	7	....	....	
Chinese.....	1,009	....	48	226	359	218	131	27	....	
Japanese.....	208	....	1	24	94	66	20	3	....	
Other nonwhite.....	138	....	5	35	56	32	6	4	....	
<b>Number of Child in Order of Birth (Live Births Only)</b>										
First child.....	55,512	239	12,127	26,405	10,755	4,027	1,578	371	12	
Second child.....	46,861	5	3,891	18,668	15,055	6,365	2,374	499	6	
Third child.....	29,644	....	898	8,267	10,522	6,582	2,956	634	5	
Fourth child.....	16,178	....	147	3,212	5,389	4,458	2,315	650	7	
Fifth child.....	8,692	....	20	1,235	2,827	2,577	1,586	447	....	
Sixth child or more.....	10,903	....	3	573	2,663	3,756	2,924	998	6	
Not stated.....	58	....	3	9	10	2	5	....	29	
<b>Weight at Delivery</b>										
1000 grams and under.....	1,253	5	181	418	328	208	93	18	2	
1001-1500 grams.....	1,282	7	201	428	315	179	125	26	1	
1501-2000 grams.....	2,998	5	458	1,045	674	483	281	52	2	
2001-2500 grams.....	11,159	34	1,574	3,770	2,871	1,722	929	258	1	
2501 and over.....	150,800	192	14,641	52,604	42,735	25,106	12,260	3,234	28	
Not stated.....	356	1	54	106	96	47	30	11	31	
<b>Plurality</b>										
Single.....	164,279	243	16,880	57,367	45,951	26,977	13,272	3,525	64	
Twins.....	3,501	1	206	995	1,059	752	435	74	1	
Triplets.....	64	....	3	9	25	16	11	....	....	
Quadruplets.....	4	....	....	....	4	....	....	....	....	
<b>Place of Birth</b>										
Home (a).....	1,763	4	208	626	436	275	178	33	3	
Hospital.....	103,845	109	8,295	34,485	31,008	18,600	9,011	2,312	25	
Voluntary.....	23,225	2	1,104	7,895	6,970	4,377	2,257	620	2	
Proprietary.....	37,067	127	7,203	14,563	8,150	4,277	2,146	595	6	
Federal and State.....	1,782	1	262	755	420	193	114	37	....	
Foundling.....	29	....	....	....	....	....	....	....	29	
All others (b).....	137	1	17	47	35	23	12	2	....	
<b>Attendant</b>										
M.D. not in hospital.....	133	....	3	31	42	20	11	5	21	
Nurse-Midwife (c).....	1,495	2	196	616	376	189	92	21	1	
Ambulance.....	1,769	5	210	645	459	272	168	27	3	
In hospital.....	91,421	10	3,571	29,216	29,464	18,130	8,797	2,220	13	
Private service.....	72,974	227	13,106	27,858	16,690	9,119	4,634	1,322	18	
General service.....	58	....	3	3	8	15	16	4	9	
All others.....	58	....	....	....	....	....	....	....	....	
<b>Fetal Deaths (20+)</b>										
	4,350	12	377	1,183	1,104	847	561	189	77	
<b>Sex</b>										
Male.....	1,581	2	155	418	406	299	196	64	41	
Female.....	1,323	5	118	394	319	245	156	56	30	
Undetermined.....	1,446	5	104	371	379	303	209	69	6	
<b>Weight at Delivery</b>										
1000 grams and under.....	999	3	101	284	279	182	121	27	2	
1001-1500 grams.....	359	2	55	125	75	56	38	8	....	
1501-2000 grams.....	306	2	41	81	63	60	41	17	1	
2001-2500 grams.....	283	1	21	77	86	57	33	10	....	
2501 and over.....	716	....	46	179	177	159	107	46	2	
Not stated.....	1,705	4	133	437	424	333	221	81	72	

a) Includes 1641 ambulance deliveries, which prior to 1955 were included in hospital of report.

b) Includes 128 ambulance deliveries, which prior to 1955 were included in hospital of report.

c) Includes no deliveries performed by "old style" midwives. Last of such midwives was retired in 1963.



**Table 11. Total Reported Terminated Pregnancies by Type of Termination  
New York City 1953-1963**

Type of delivery	Numbers					Ratios per 1,000 pregnancies				
	1959	1960	1961	1962	1963	1959	1960	1961	1962	1963
All deliveries	190,803	189,355	190,669	187,705	190,332	1000.0	1000.0	1000.0	1000.0	1,000.0
Live births	168,138	166,300	168,383	165,244	167,848	881.2	878.2	883.1	880.3	881.9
Fetal deaths	22,665	23,055	22,286	22,461	22,484	118.8	121.8	116.9	119.7	118.1
Therapeutic abortions	339	344	284	247	not avail.	1.8	1.8	1.5	1.3	not avail.
Illegal abortions	69	48	57	59	not avail.	0.4	0.3	0.3	0.3	not avail.
Ectopic pregnancies	563	580	450	429	not avail.	2.9	3.1	2.4	2.3	not avail.
Spontaneous fetal deaths	21,694	22,085	21,495	21,726	not avail.	113.7	116.6	112.7	115.8	not avail.
Under 20 weeks	16,153	16,632	15,984	16,308	not avail.	84.7	87.8	83.8	86.9	not avail.
20 - 27 weeks	1,953	1,854	2,002	1,967	not avail.	10.2	9.8	10.5	10.5	not avail.
28 weeks +	2,408	2,423	2,336	2,247	not avail.	12.6	12.8	12.2	12.0	not avail.
Gestation not stated	1,180	1,174	1,173	1,204	not avail.	6.2	6.2	6.2	6.4	not avail.

**Table 12. Deaths from Accidents\* City of New York, 1963**

Type of Accident	All Ages	0-4	5-14	15-24	25-44	45-64	65-74	75 and over
Total	2,756	169	142	174	410	648	451	762
Occupational	127	.....	.....	10	39	65	11	2
Home	1,012	134	34	15	93	148	168	420
Poisonings (gas excepted)	17	11	3	.....	1	.....	2	.....
Poisonings by gases and vapors	4	1	.....	.....	1	2	.....	.....
Fire, explosion	218	36	16	10	46	51	28	31
Hot substance and steam	22	8	1	.....	1	4	4	4
Falls	679	45	9	2	33	81	128	381
Other home accidents	72	33	5	3	11	10	6	4
Motor Vehicle	697	24	65	88	126	193	115	86
Injury to pedestrian	442	20	57	16	49	131	97	72
Collision with other motor vehicle	105	.....	1	27	28	32	9	8
Collision with fixed object	65	2	1	19	25	15	1	2
Non-collision	62	2	2	22	21	10	4	1
Other motor vehicle	23	.....	4	4	3	5	4	3
Public Non-Motor Vehicle	876	10	43	59	140	225	146	253
Subway and elevated train	17	.....	.....	4	5	6	1	1
Air transportation	6	.....	.....	1	3	2	.....	.....
Fire, explosion	20	.....	1	1	6	3	7	2
Drowning	143	2	21	31	37	45	5	2
Falls	330	6	7	10	52	109	110	236
Other public	160	2	14	12	37	60	23	12
Type unknown	44	1	.....	2	12	17	11	1

\*Including 36 deaths occurring in New York City as result of accidents out of city.

**Table 13. Population in 1960 and Deaths in 1963, City of New York**

Age	1960 Population by Age, Color and Sex					Deaths in 1963 by Age, Color and Sex				
	Total	White		Nonwhite		Total	White		Nonwhite	
		Male	Female	Male	Female		Male	Female	Male	Female
All ages	7,781,984	3,189,229	3,451,433	530,028	611,294	88,621	42,417	34,012	6,738	5,454
Under 5	686,717	277,751	268,390	69,970	70,406	4,921	1,785	1,315	1,034	787
5-9	535,847	243,521	235,548	58,127	58,651	341	150	108	45	38
10-14	575,321	244,560	237,758	45,770	47,233	242	114	82	25	21
15-19	486,851	202,816	214,823	31,930	37,282	401	196	109	61	35
20-24	482,522	187,605	213,242	34,633	47,042	628	283	135	149	61
25-29	513,629	210,541	212,769	39,914	50,405	767	297	186	163	121
30-34	542,769	218,857	224,536	43,727	55,649	1,029	373	237	255	164
35-39	546,966	212,252	235,040	45,246	54,428	1,647	580	412	369	286
40-44	524,381	202,187	239,099	37,363	45,732	2,416	928	634	482	372
45-49	550,310	219,735	259,156	32,489	38,930	3,481	1,601	1,011	497	372
50-54	534,526	225,570	251,152	26,845	30,959	5,357	2,700	1,606	575	476
55-59	499,493	215,099	233,793	23,485	26,216	7,212	3,965	2,152	652	443
60-64	428,825	185,715	208,648	16,523	17,939	9,511	5,386	2,972	652	501
65-69	344,063	147,819	171,937	11,300	13,007	11,404	6,172	4,106	654	472
70-74	240,101	102,762	121,724	6,861	8,754	12,309	6,255	5,096	491	467
75 and over	229,663	91,539	123,618	5,845	8,661	26,955	11,632	13,851	634	838



**Table 14. Expectation of Life in New York City at Specified Ages 1901, 1910, 1930, 1940, 1950 and 1960 and United States 1960**

New York City Male										United States Male	
Exact Age	1901 Total	1910 Total	1930 Total	1940 White	1950		1960		1960		
					White	Nonwhite	White	Nonwhite	White	Nonwhite	
0	40.6	45.3	55.8	62.5	66.1	59.3	67.3	60.8	67.4	61.1	
5	48.5	51.3	56.2	60.9	63.4	58.0	64.3	59.2	64.4	59.7	
10	44.9	47.4	51.9	56.2	58.6	53.3	59.5	54.5	59.6	54.9	
15	40.5	42.9	47.3	51.4	53.7	48.5	54.6	49.6	54.8	50.1	
20	36.4	38.7	42.9	46.6	48.9	44.0	49.8	45.0	50.1	45.5	
30	29.3	30.8	34.2	37.3	39.4	35.5	40.4	36.3	40.8	36.7	
40	23.0	23.8	26.0	28.4	30.1	27.4	31.2	28.5	31.6	28.4	
50	17.1	17.6	18.7	20.4	21.8	20.4	22.6	21.5	23.1	21.0	
60	12.0	12.2	12.9	13.8	15.0	15.0	15.6	15.7	15.9	14.9	
70	7.8	8.2	8.4	8.9	9.7	10.7	10.1	11.5	10.2	10.7	

New York City Female										United States Female	
Exact Age	1901 Total	1910 Total	1930 Total	1940 White	1950		1960		1960		
					White	Nonwhite	White	Nonwhite	White	Nonwhite	
0	44.9	49.5	60.0	66.8	71.2	64.2	73.1	67.6	74.1	66.3	
5	51.9	54.9	59.7	64.6	68.0	62.6	69.8	65.6	70.8	64.4	
10	48.2	50.9	55.2	59.8	63.2	67.8	64.9	60.8	66.0	59.6	
15	43.8	46.5	50.5	55.0	58.3	53.0	60.0	55.9	61.1	54.7	
20	39.7	42.2	46.0	50.2	53.4	48.4	55.2	51.1	56.2	49.9	
30	32.3	34.1	37.4	40.8	43.8	39.5	45.5	41.9	46.6	40.7	
40	25.5	26.6	28.9	31.7	34.4	30.9	36.1	33.4	37.1	32.1	
50	18.8	19.5	21.0	23.2	25.6	23.4	27.2	25.6	28.0	24.3	
60	13.0	13.4	14.3	15.8	17.7	17.3	19.0	18.7	19.7	17.7	
70	8.4	8.7	9.1	9.9	11.1	11.9	11.9	13.0	12.4	12.7	

Note: In 1880 the expectation of life at birth was 29.0 for males and 32.8 for females; in 1920 it was 51.6 for males and 54.8 for females.

**Table 15. Age Specific Death Rates Per 1,000 Population City of New York, 1900-1961**

Age	1901-'02-'03		1909-'10-'11		1919-'20*		1929-'30-'31		1939-'40-'41		1949-'50-'51		1959-'60-'61	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
0-4	60.5	52.6	50.2	43.2	5.4	26.5	19.4	1.1	11.5	8.8	1.6	6.0	8.2	6.4
5-9	5.8	5.2	4.2	3.9	3.8	3.1	2.5	2.0	1.0	0.8	0.6	0.5	0.7	0.5
10-14	2.8	2.8	2.4	2.3	2.4	2.2	1.7	1.3	0.9	0.7	0.6	0.4	0.5	0.3
15-19	4.8	4.1	3.9	3.1	4.0	3.7	2.6	2.2	1.3	1.1	0.9	0.6	0.9	0.5
20-24	7.3	6.0	5.3	4.6	5.8	5.4	3.4	3.2	1.7	1.6	1.3	0.9	1.5	0.7
25-29	9.5	8.2	6.9	5.9	6.5	6.9	3.8	3.4	2.2	2.0	1.4	1.2	1.7	1.0
30-34	12.6	9.8	9.6	7.6	7.7	7.0	5.1	4.1	3.1	2.4	2.0	1.6	2.4	1.6
35-39	15.1	11.6	13.0	9.3	9.2	7.3	7.0	5.0	4.5	3.2	3.2	2.2	3.5	2.3
40-44	19.0	13.2	16.5	11.2	10.9	9.0	10.1	6.9	7.0	4.8	5.5	3.6	5.6	3.5
45-49	22.0	15.0	20.8	14.3	15.2	12.1	14.8	10.5	11.7	7.4	8.9	5.3	8.6	5.0
50-54	29.2	22.8	26.5	19.1	20.6	16.3	22.0	15.0	17.2	11.5	14.5	8.3	13.7	7.2
55-59	38.8	31.4	37.0	28.8	30.1	24.8	32.0	23.4	25.9	17.5	22.6	12.8	19.7	9.8
60-64	51.4	43.8	51.4	44.1	40.8	33.8	44.7	35.3	37.9	26.8	32.9	20.5	30.0	15.8
65-69	69.9	60.5	68.5	58.9	60.1	55.0	62.0	50.2	55.0	40.8	46.2	29.7	43.4	24.2
70-74	95.8	85.2	89.6	81.2	85.1	79.5	84.3	73.5	78.9	62.5	68.0	49.7	61.1	40.7
75-79	141.0	119.3	127.3	114.4	116.2	107.6	120.7	109.2	111.4	93.3	95.9	77.0	87.7	65.6
80-84	175.9	157.9	167.4	159.6	162.6	143.6	170.9	151.2	149.8	141.5	134.0	121.2	138.9	117.1
85 & Over	252.3	223.0	257.4	232.3	224.8	210.2	242.8	227.5	230.5	222.2	202.8	183.8	206.6	198.3

\*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 16. Age-Adjusted Death Rates (a) Certain Causes, Per 100,000 Population City of New York, 1900-1961**

Cause of Death	1901-'02-'03	1909-'10-'11	1919-'20	1929-'30-'31	1939-'40-'41	1949-'50-'51		
						V—revision—VI	1959-'60-'61	
All causes.....	2,324.2	1,934.1	1,691.4	1,449.0	1,128.1	885.8	885.8	815.3
Respiratory tuberculosis.....	241.0	191.4	143.7	73.7	48.6	26.1	25.2	7.3
Other forms of tuberculosis.....	31.2	25.2	22.0	10.9	5.2	2.2	2.1	0.5
Influenza and pneumonia.....	302.8	260.8	301.7	178.6	60.3	28.9	30.7	36.4
Malignant neoplasms (b).....	116.8	124.8	134.3	156.0	176.9	169.0	170.6	162.9
Diabetes.....	23.3	25.4	26.5	35.8	43.6	39.3	17.0	14.8
Appendicitis.....	15.4	13.6	14.6	16.9	9.4	2.4	2.5	1.2
Nephritis.....	244.8	181.9	141.6	63.5	52.6	23.5	6.7	5.5
Diseases of circulatory system.....	258.6	383.2	427.7	506.7	421.1	364.9	404.8	355.8
Cardiovascular-Renal.....	634.8	599.3	601.1	582.5	515.4	418.6	444.0	416.1
Total accidents.....	108.2	87.8	73.8	81.3	55.9	40.3	38.4	28.1
Auto accidents.....	(c)	(c)	14.9	22.6	12.8	7.2	7.3	7.7
Other accidents.....	(c)	(c)	58.9	58.7	43.1	33.0	31.0	20.3
Suicide.....	26.8	21.2	14.1	21.3	14.3	9.7	9.7	9.2

(a) For 1901-'02-'03 and 1909-'10-'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 Revision are included deaths from Hodgkin's disease, leukemia and aleukemia, and mycosis fungoides to which 643, 1,916 and 22 deaths respectively were assigned in 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.



Table 17. Cases of Reportable Infectious Diseases, City of New York, 1926-1963

Year	Pulmonary Tuberculosis	Measles	Scarlet Fever	Chickenpox	Whooping Cough	Meningococcus Meningitis	Poliomyelitis	Syphilis		Gonorrhea	Epidemic Encephalitis	Hepatitis
								Total	Primary & Secondary			
1926	10,498	39,750	7,968	6,757	3,487	170	111	17,700		4,728	297	
1927	10,873	2,101	18,339	9,444	6,052	177	537	24,324		7,006	232	
1928	11,614	35,008	10,586	7,082	5,876	1,102	572	25,934		7,431	193	
1929	11,938	2,537	7,952	9,264	2,944	1,000	71	28,772		8,840	173	
1930	11,821	23,635	7,592	7,901	4,538	503	78	32,219		9,737	100	
1931	11,794	26,519	11,900	9,113	8,643	392	4,138	34,894		9,745	97	
1932	10,589	10,354	21,093	8,862	7,126	207	143	42,315		11,640	57	
1933	9,991	36,216	8,262	11,966	6,009	114	831	42,242		11,164	86	
1934	9,990	5,015	8,820	12,177	8,764	102	73	46,276		10,953	51	
1935	8,796	28,490	14,602	10,866	8,703	529	2,054	47,659		11,069	69	
1936	8,987	36,548	11,417	8,324	4,461	538	34	68,969		14,445	37	
1937	9,128	12,091	10,058	12,723	4,653	228	243	88,101		17,872	55	
1938	8,748	34,604	8,419	11,112	12,232	112	43	37,077*	5,051**	12,935	38	
1939	8,277	3,653	6,121	9,103	5,821	71	184	32,875	3,411	12,810	62	
1940	8,212	10,496	13,569	13,046	5,775	48	67	30,718	3,113	14,639	28	
1941	8,459	79,646	7,206	9,773	7,811	118	404	27,194	2,957	12,297	49	
1942	9,145	2,261	7,009	10,978	9,240	411	88	30,036	3,406	12,022	52	
1943	8,283	23,627	9,484	9,290	3,678	1,406	361	25,878	4,252	12,957	37	
1944	7,229	26,048	8,509	8,541	2,810	1,104	1,890	23,069	4,841	14,489	37	
1945	6,232	1,870	8,347	7,905	4,992	487	547	22,690	5,164	18,009	34	
1946	6,386	22,408	8,009	6,586	2,135	246	716	26,765	6,063	24,350	38	274
1947	6,832	7,915	3,583	11,921	3,224	113	224	26,303	5,009	22,746	30	110
1948	7,359	28,960	2,420	10,214	1,591	120	703	25,366	3,846	23,422	33	93
1949	7,344	5,467	2,230	12,866	4,129	104	2,446	20,489	2,218	20,309	47	107
1950	6,518	21,990	1,652	7,973	1,791	142	1,064	21,795	1,304	16,784	127	114
1951	6,331	9,644	2,144	11,849	1,606	110	555	22,458	801	14,114	200	202
1952	6,021	34,614	3,548	8,912	1,379	144	821	25,078	784	12,105	280	286
1953	6,110	5,117	1,595	12,942	2,733	183	677	25,224	658	12,505	311	515
1954	5,439	41,037	2,143	8,775	1,777	129	844	19,412	617	12,379	270	809
1955	5,064	9,712	1,834	10,476	1,136	108	806	18,056	566	11,239	220	1,154
1956	5,089	21,616	2,357	11,433	1,113	75	149	17,052	605	10,482	309	824
1957	5,162	10,226	1,657	7,287	1,326	75	57	15,485	635	11,479	204	597
1958	4,513	28,272	1,944	8,403	655	36	100	13,082	911	13,341	165	637
1959	4,196	5,215	2,043	7,731	1,322	97	170	13,131	1,454	14,370	212	841
1960	3,923	25,523	2,622	8,042	416	89	92	16,872	2,606	16,677	97	1,106
1961	3,635	4,796	2,820	6,190	249	69	2	20,017	3,374	18,285	216	1,839
1962	3,707	29,631	1,259	7,913	307	59	7	20,058	3,329	18,901	175	1,359
1963	4,057	7,406	1,287	6,683	212	50	1	19,312	3,481	22,912	157	1,325

\*Figures prior to 1938 were based on positive laboratory findings and included much duplication. Beginning with 1938 duplicates have, as far as possible, been omitted. \*\*Information not available prior to 1938. Hepatitis made reportable December 1945. Figures for Diphtheria and Typhoid Fever appear in Annual Summaries for 1959 and earlier. Figures for 1900-1925 appear in Annual Summaries for 1960 and earlier.

### New York City's Aging Population

