

# SUMMARY OF VITAL STATISTICS

DEPARTMENT OF HEALTH, CITY OF NEW YORK

BUREAU OF RECORDS AND STATISTICS—STATISTICAL DIVISION

Population, Births, Marriages, Deaths and Infant Mortality, 1898-1944

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	Deaths Under One Year	Rate per 1,000 Live Births
1898.....	3,272,000	119,000	36.4	28,885	8.8	66,294	20.3	5,638	47.4	16,770	140.9
1899.....	3,357,000	116,000	34.6	30,474	9.1	65,343	19.5	5,463	47.1	15,381	132.6
1900.....	3,446,000	123,000	35.7	32,247	9.4	70,872	20.6	5,815	47.3	16,640	135.3
1901.....	3,554,000	122,000	34.3	33,447	9.4	70,720	19.9	5,750	47.1	15,467	126.8
1902.....	3,666,000	127,000	34.6	36,207	9.9	68,085	18.6	6,011	47.3	15,526	122.3
1903.....	3,781,000	129,000	34.1	38,174	10.1	67,864	17.9	6,078	47.1	14,413	111.7
1904.....	3,901,000	133,000	34.1	39,436	10.1	78,060	20.0	6,288	47.3	16,125	121.2
1905.....	4,026,000	135,000	33.5	42,675	10.6	73,714	18.3	6,352	47.1	16,522	122.4
1906.....	4,167,000	141,000	33.8	48,355	11.6	76,203	18.3	6,646	47.1	17,188	121.9
1907.....	4,314,000	149,000	34.5	51,097	11.8	79,205	18.4	7,351	49.3	17,437	117.0
1908.....	4,469,000	146,000	32.7	37,449	8.4	73,072	16.3	7,191	49.3	16,231	111.2
1909.....	4,632,000	142,000	30.7	41,513	9.0	74,105	16.0	6,697	47.2	15,976	112.5
1910.....	4,785,000	143,000	29.9	46,417	9.7	76,742	16.0	6,751	47.2	16,215	113.4
1911.....	4,873,000	141,000	28.9	48,765	10.0	75,423	15.5	6,673	47.3	15,053	106.8
1912.....	4,961,000	140,000	28.2	51,703	10.4	73,008	14.7	6,619	47.3	14,289	102.1
1913.....	5,049,000	140,000	27.7	51,268	10.2	73,902	14.6	6,629	47.4	13,780	98.4
1914.....	5,137,000	140,647	27.4	53,051	10.3	74,803	14.6	6,617	47.0	13,312	94.6
1915.....	5,225,000	141,256	27.0	50,997	9.8	76,193	14.6	6,413	45.4	13,866	98.2
1916.....	5,312,000	137,664	25.9	54,782	10.3	77,801	14.6	6,253	45.4	12,818	93.1
1917.....	5,400,000	141,564	26.2	59,210	11.0	78,575	14.6	6,117	43.2	12,568	88.8
1918.....	5,488,000	138,046	25.2	56,733	10.3	98,119	17.9	6,793	49.2	12,657	91.7
1919.....	5,576,000	130,377	23.4	60,256	10.8	74,433	13.3	5,984	45.9	10,639	81.6
1920.....	5,684,000	132,856	23.4	64,422	11.3	73,249	12.9	6,234	46.9	11,340	85.4
1921.....	5,812,000	134,241	23.1	60,846	10.5	64,257	11.1	6,297	46.9	9,548	71.1
1922.....	5,939,000	129,684	21.8	58,192	9.8	69,690	11.7	6,125	47.2	9,666	74.5
1923.....	6,067,000	129,160	21.3	66,430	10.9	69,452	11.4	6,023	46.6	8,578	66.4
1924.....	6,195,000	130,436	21.1	62,254	10.0	71,252	11.5	6,448	49.4	8,820	67.6
1925.....	6,323,000	128,790	20.4	64,826	10.3	71,864	11.4	6,134	47.6	8,315	64.6
1926.....	6,451,000	125,515	19.5	68,417	10.6	76,082	11.8	6,054	48.2	8,509	67.8
1927.....	6,579,000	128,889	19.6	66,431	10.1	70,430	10.7	5,895	45.7	7,210	55.9
1928.....	6,707,000	126,332	18.8	62,424	9.3	78,091	11.6	6,121	48.5	8,280	65.5
1929.....	6,835,000	124,404	18.2	65,780	9.6	77,482	11.3	5,726	46.0	7,281	58.5
1930.....	6,944,000	122,811	17.7	63,337	9.1	74,888	10.8	5,700	46.4	7,030	57.2
1931.....	6,995,000	115,621	16.5	61,574	8.8	77,418	11.1	5,579	48.3	6,427	55.6
1932.....	7,047,000	109,878	15.6	58,957	8.4	74,319	10.5	5,396	49.1	5,594	50.9
1933.....	7,101,000	103,500	14.6	60,116	8.5	75,153	10.6	5,347	51.7	5,508	53.2
1934.....	7,153,000	101,239	14.2	67,347	9.4	75,857	10.6	5,070	50.1	5,287	52.2
1935.....	7,206,000	100,657	14.0	68,372	9.5	75,057	10.4	4,902	48.7	4,790	47.6
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.....	7,415,000	102,261	13.8	62,288	8.4	75,439	10.2	6,831	66.8	3,793	37.1
1940.....	7,468,000	107,287	14.4	78,487	10.5	76,008	10.2	7,986	74.4	3,746	34.9
1941.....	7,521,000	114,367	15.2	83,012	11.0	74,553	9.9	8,974	78.5	3,519	30.8
1942.....	7,573,000	131,989	17.4	81,454	10.8	75,674	10.0	10,013	75.9	3,805	28.8
1943.....	7,625,000	134,520	17.6	76,059	10.0	83,174	10.9	9,508	70.7	4,069	30.2
1944.....	7,678,000	122,748	16.0	67,315	8.8	78,783	10.3	9,987	81.4	3,829	31.2

\* 1898-1913 birth figures are estimated, as the number actually reported was undoubtedly incomplete.

## Births, Deaths, Maternal Deaths and Fetal Deaths, by Borough of Report, 1944

BOROUGH	Estimated Population July 1	LIVE BIRTHS		DEATHS		MATERNAL DEATHS		FETAL DEATHS	
		Re-ported	Per 1,000	Re-ported	Per 1,000	Re-ported	Per 10,000 Births*	Re-ported	Per 1,000 Live Births
Manhattan.....	1,900,000	38,725	20.4	27,778	14.6	93	22	3,454	89.2
The Bronx.....	1,450,000	17,112	11.8	12,701	8.8	27	14	1,747	102.1
Brooklyn.....	2,757,000	47,800	17.3	25,444	9.2	62	12	3,282	68.7
Queens.....	1,390,000	15,650	11.3	10,031	7.2	32	19	1,333	85.2
Richmond.....	181,000	3,461	19.1	2,829	15.6	8	22	171	49.4
City of New York.....	7,678,000	122,748	16.0	78,783	10.3	222	17	9,987	81.4

\* Live births and fetal deaths.

Recorded Births, Fetal Deaths, and Deaths by Borough of Residence  
City of New York, 1944

	Total Recorded In New York City						Known Residents By Borough of Residence			Known Non-Residents of City	Permanent Res. Unknown
	Manhattan	Manhattan	Bronx	B'klyn	Queens	Rich'd	Manhattan	Bronx	B'klyn		
Live births.....	122,748	23,633	22,305	45,118	23,289	3,126	4,793				484
Rate per 1,000 population.....	16.0	12.4	15.4	16.4	16.7	17.2					
Fetal deaths (stillbirths)*.....	9,987	2,309	2,046	3,215	1,731	169	459				58
Rate per 1,000 total births.....	75.2	89.0	84.0	66.5	69.2	51.3					
Deaths under one year.....	3,829	929	678	1,255	712	100	137				18
Rate per 1,000 live births.....	31.2	39.3	30.4	27.8	30.6	32.0					
Deaths under one month.....	2,785	672	495	913	524	68	96				17
Rate per 1,000 live births.....	22.7	28.4	22.2	20.2	22.5	21.8					
Deaths from all causes.....	78,783	22,116	12,529	26,138	12,341	1,945	3,323				391
Death rate per 1,000 population.....	10.3	11.6	8.6	9.5	8.9	10.7					
1. Typhoid and paratyphoid fevers.....	15	6		5	3		1				
2. Plague.....											
3. Scarlet fever.....	8	1	2	2	1	1	1				
4. Whooping cough.....	33	4	8	14	4	2	1				
5. Diphtheria.....	6		1	4	1						
6. Pulmonary tuberculosis.....	3,250	1,359	387	908	390	52	104				50
7. Other tuberculosis.....	284	107	53	62	25	10	25				2
8. Malaria.....	4	1	1	1			1				
9. Syphilis.....	836	388	84	221	92	15	27				9
10. Influenza.....	112	33	25	33	9	6	6				
11. Smallpox.....											
12. Measles.....	22	2	4	12	2		2				
13. Typhus fever.....	2						2				
14. Other infectious diseases.....	582	142	137	182	77	6	36				2
(a) Meningococcus meningitis.....	199	52	37	70	29	2	7				2
(b) Acute poliomyelitis.....	102	14	42	28	12	1	5				
(c) Epidemic encephalitis.....	68	22	9	25	10		2				
15. Cancer.....	13,609	3,565	2,246	4,314	2,200	283	977				24
16. Non-malignant tumors.....	464	117	85	128	58	11	62				3
17. Chronic rheumatism, gout.....	49	20	5	10	8	1	5				
18. Diabetes.....	3,130	771	562	1,203	447	76	68				3
19. Alcoholism.....	220	128	9	44	19	1	10				9
20. Avitaminoses, other general diseases and chronic poisonings.....	926	228	171	310	125	17	72				3
21. Simple meningitis and spinal cord diseases.....	252	72	40	57	62	6	14				1
22. Intracranial lesions of vascular origin.....	3,522	1,009	622	1,098	578	109	97				9
23. Other diseases of the nervous system and sense organs.....	422	103	61	134	72	22	29				1
24. Diseases of the heart.....	29,991	7,901	4,850	10,781	4,800	758	799				102
25. Other diseases of the circulatory system.....	1,616	519	273	485	217	75	42				5
26. Bronchitis.....	170	61	31	38	27	8	3				2
27. The pneumonias.....	3,470	1,050	558	1,151	498	81	109				23
(a) Bronchopneumonia.....	1,650	505	274	551	215	42	54				9
(b) Lobar pneumonia.....	1,801	538	283	598	276	39	53				14
28. Other respiratory diseases (except tuberculosis).....	367	125	36	91	78	9	24				4
29. Diarrhea and enteritis.....	389	122	67	93	77	4	25				1
(a) Diarrhea and enteritis under 2 years.....	288	96	51	62	66	1	11				1
30. Appendicitis.....	389	89	60	133	84	10	13				
31. Diseases of the liver and biliary passages.....	1,456	433	205	449	245	44	72				8
32. Other digestive diseases.....	1,525	402	240	499	241	40	100				3
33. Nephritis, all forms.....	2,909	742	444	1,031	512	78	97				5
34. Other diseases of urinary and genital systems.....	881	263	127	269	147	17	54				4
35. Puerperal infection.....	73	18	10	28	13		4				
36. Other puerperal causes.....	149	42	28	33	30	8	8				
37. Diseases of the skin and bones.....	114	39	18	36	11	2	6				2
38. Diseases of early infancy.....	2,895	684	511	965	533	73	123				6
39. Old age.....	28	5	5	10	2	6					
40. Suicide.....	737	242	121	171	134	17	49				3
41. Homicide.....	228	123	24	44	9	1	16				11
42. Motor vehicle accidents.....	588	167	68	184	108	14	41				6
43. Other accidents**.....	3,033	1,029	349	895	398	81	194				87
44. Causes not known or ill-defined.....	27	4	1	10	4	1	4				3

Numbers at left are those of Abridged International List, 1938 revision.

\*Stillbirths and reported abortions. \*\*Includes 7 deaths of military personnel and 2 civilians during operations of war.

Population in 1940 and Deaths in 1944, City of New York

Age	1940 Population by Age, Color and Sex						Deaths in 1944 by Age, Color and Sex					
	White		Negro		Other		White		Negro		Other	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All ages.....	3,455,003	3,522,498	205,727	252,717	15,563	3,487	39,877	32,438	3,119	3,088	253	8
Under 5.....	206,210	197,029	14,706	14,985	499	465	2,218	1,608	375	297	8	.....
5-9.....	221,887	214,597	16,442	16,692	469	469	187	128	23	25	.....	.....
10-14.....	265,679	258,741	17,294	18,554	480	360	158	136	29	19	.....	.....
15-19.....	284,588	286,824	15,574	19,104	555	297	268	200	75	84	.....	2
20-24.....	289,049	318,135	15,251	25,848	562	308	338	288	120	160	7	.....
25-29.....	301,328	343,262	20,008	30,970	1,222	363	367	415	101	154	9	1
30-34.....	308,050	329,637	21,924	29,256	1,808	352	571	661	190	192	10	1
35-39.....	304,806	309,413	23,418	28,768	2,726	290	1,014	838	214	229	13	.....
40-44.....	294,594	289,524	20,299	21,490	2,578	229	1,688	1,067	295	264	20	.....
45-49.....	266,165	252,262	14,802	15,579	1,802	133	2,667	1,570	331	256	29	.....
50-54.....	231,787	212,383	10,251	11,217	1,283	99	3,855	2,235	324	296	33	1
55-59.....	170,782	161,083	6,675	7,576	705	50	4,821	2,939	295	262	42	1
60-64.....	127,865	130,296	4,311	4,974	492	36	5,267	3,521	261	209	33	.....
65-69.....	86,370	97,299	2,676	3,845	229	20	5,087	4,152	231	227	28	1
70-74.....	53,153	64,217	1,219	1,978	102	6	4,722	4,448	127	158	5	.....
75 and over.....	42,690	57,796	877	1,881	51	10	6,649	8,232	128	256	15	1

Cases of Reportable Infectious Diseases, City of New York, 1900-1944

Year	Pulmonary Tuberculosis	Diphtheria	Measles	Scarlet Fever	Chickenpox	Typhoid Fevers	Whooping Cough	Meningococcus Meningitis	Poliomyelitis	Syphilis	Gonorrhea	Influenza	Pneumonia	Epidemic Encephalitis
1900	11,997	12,913	19,298	6,683	1,226	2,658	174	7						
1901	13,703	12,329	11,990	16,692	2,437	2,748	113	13						
1902	12,914	15,319	20,251	11,894	3,269	3,871	313	10						
1903	15,214	18,317	13,689	10,887	4,181	3,671	1,066	20						
1904	18,723	18,158	32,861	13,495	4,263	3,412	1,016	482						
1905	20,831	13,686	19,026	8,071	5,473	4,326	2,637	2,755						
1906	20,085	14,757	38,653	7,881	4,667	3,467	2,177	1,032						
1907	19,725	15,276	16,637	15,788	4,308	4,426	1,920	828						
1908	23,325	16,431	38,276	24,426	5,928	3,058	1,182	380						
1909	25,667	15,097	31,950	12,475	6,765	3,499	2,752	346						
1910	32,065	16,940	35,374	18,924	5,534	3,582	2,018	242						
1911	24,513	13,485	25,540	15,794	6,758	3,450	3,210	266	358					
1912	22,752	13,533	39,018	12,716	7,649	3,076	2,132	250	504					
1913	22,674	14,845	29,350	10,739	6,897	2,643	3,529	232	310	10,623	7,440			
1914	21,604	17,129	25,793	11,105	9,632	2,260	3,798	318	129	21,128	9,526			
1915	22,141	15,279	38,186	9,879	8,721	2,455	6,771	174	95	17,335	9,709			
1916	19,297	13,521	21,603	5,814	9,617	1,617	7,460	263	9,023	20,128	6,341			
1917	17,494	12,624	27,519	6,260	8,548	1,442	5,597	322	139	19,833	8,312			
1918	14,439	11,454	28,675	4,460	4,196	1,238	5,558	477	134	17,320	6,538			
1919	14,570	14,014	8,194	4,594	5,326	854	1,658	317	42	19,241	5,677	25,218	10,325	118
1920	14,035	14,166	35,083	6,537	5,534	969	7,530	244	154	19,440	4,535	69,824	25,983	573
1921	12,966	15,110	7,738	13,516	8,041	899	5,808	279	588	14,096	5,287	2,486	14,143	528
1922	13,329	10,427	40,569	10,269	5,738	790	4,799	218	224	13,199	5,599	21,042	19,121	611
1923	11,336	8,050	13,999	8,237	8,671	890	4,484	133	577	16,879	6,817	16,061	15,952	923
1924	11,924	9,687	33,561	8,399	8,260	1,687	8,244	156	344	16,402	6,137	1,753	18,594	465
1925	10,955	9,051	9,483	8,840	7,546	1,417	4,826	120	307	15,630	5,466	1,745	15,651	327
1926	10,498	7,531	39,750	7,968	6,757	913	3,487	170	111	17,700	4,728	5,911	22,661	297
1927	10,873	13,507	2,101	18,339	9,444	762	6,052	177	537	24,324	7,006	2,048	18,273	232
1928	11,614	10,776	35,008	10,586	7,082	688	5,876	1,102	572	25,034	7,431	2,878	21,079	193
1929	11,938	8,548	2,537	7,952	9,264	607	2,944	1,000	71	28,772	8,840	11,121	21,132	173
1930	11,821	3,794	23,635	7,592	7,901	552	4,538	503	78	32,219	9,737	1,010	17,081	100
1931	11,794	3,999	26,519	11,900	9,113	637	8,643	392	4,138	34,894	9,745	4,498	21,116	97
1932	10,589	3,581	10,354	21,093	8,862	598	7,126	207	143	42,315	11,640	3,418	17,835	57
1933	9,991	1,891	36,216	8,262	11,966	588	6,009	114	831	42,242	11,164	2,617	16,972	86
1934	9,990	1,593	5,015	8,820	12,177	378	8,764	102	73	46,276	10,953	899	14,489	51
1935	8,796	1,189	28,490	14,602	10,866	349	8,703	529	2,054	47,659	11,069	622	13,185	69
1936	8,987	1,124	36,548	11,417	8,324	334	4,461	538	34	68,969	14,445	1,396	15,786	37
1937	9,128	1,184	12,091	10,058	12,723	299	4,653	228	243	88,101	17,872	4,181	16,393	55
1938	8,748	700	34,604	8,419	11,112	312	12,232	112	43	37,077*	12,935	447	12,969	38
1939	8,277	543	3,653	6,121	9,103	198	5,821	71	184	32,874	12,810	1,546	16,875	62
1940	8,212	386	10,496	13,569	13,046	171	5,775	48	67	30,718	14,639	791	13,808	28
1941	8,459	362	79,646	7,206	9,773	183	7,811	118	404	27,194	12,297	2,677	10,707	49
1942	9,145	392	2,261	7,009	10,978	119	9,240	411	88	30,036	12,022	441	10,130	52
1943	8,283	274	23,627	9,484	9,290	123	3,678	1,406	361	24,583	10,819	1,387	7,663	37
1944	7,229	232	26,048	8,509	8,441	122	2,810	1,104	1,890	23,069	14,489	266	5,981	37

\* 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.

**Age Specific Death Rates, Per 1,000 Population  
City of New York, 1900-1940**

Age	1901-'02-'03		1909-'10-'11		1919-'20*		1929-'30-'31		1939-'40-'41	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
0-4	60.3	52.6	50.2	43.2	32.4	26.5	19.4	15.4	11.3	8.8
5-9	5.8	5.2	4.2	3.9	3.8	3.1	2.5	2.0	1.0	0.8
10-14	2.8	2.8	2.4	2.3	2.4	2.2	1.7	1.3	0.9	0.7
15-19	4.8	4.1	3.9	3.1	4.0	3.7	2.6	2.2	1.3	1.1
20-24	7.3	6.0	5.3	4.6	5.8	5.4	3.4	3.2	1.7	1.6
25-29	9.5	8.2	6.9	5.9	6.5	6.9	3.8	3.4	2.2	2.0
30-34	12.6	9.8	9.6	7.6	7.7	7.0	5.1	4.1	3.1	2.4
35-39	15.1	11.6	13.0	9.3	9.2	7.3	7.0	5.0	4.5	3.2
40-44	19.0	13.2	16.5	11.2	10.9	9.0	10.1	6.9	7.0	4.8
45-49	22.0	15.0	20.8	14.3	15.2	12.1	14.8	10.5	11.2	7.4
50-54	29.2	22.8	26.5	19.1	20.6	16.3	22.0	15.0	17.2	11.5
55-59	38.8	31.4	37.0	28.8	30.1	24.8	32.0	23.4	25.9	17.5
60-64	51.4	43.8	51.4	44.1	40.8	33.8	44.7	35.3	37.9	26.8
65-69	69.9	60.5	68.5	58.9	60.1	55.0	62.0	50.2	55.0	40.8
70-74	95.8	85.2	89.6	81.2	85.1	79.5	84.3	73.3	78.9	62.5
75-79	141.0	119.3	127.3	114.4	116.2	107.6	120.7	109.2	111.4	93.3
80-84	175.9	157.9	167.4	159.6	162.6	143.6	170.9	151.2	149.8	141.5
85 & Over	252.3	223.0	257.4	232.3	224.8	210.2	242.8	227.5	230.5	222.2

\* 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.

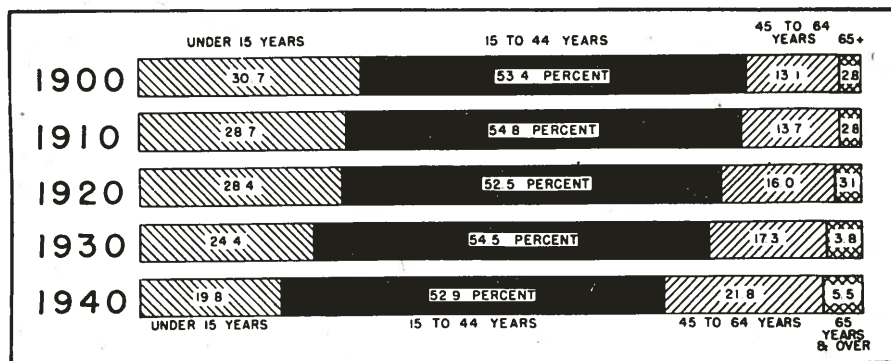
**Standardized Death Rates\* Per 100,000 Population  
City of New York, 1900-1940**

Cause of Death	Int. List Nos.	1901-'02-'03	1909-'10-'11	1919-'20	1929-'30-'31	1939-'40-'41
Pulmonary tuberculosis.....	(13)	204.3	172.2	126.6	63.6	40.0
Other forms tuberculosis.....	(14-22)	35.4	30.3	23.7	11.3	5.0
Influenza & pneumonia.....	(33, 107-109)	281.3	259.7	293.8	164.2	52.8
Cancer.....	(45-55)	83.2	94.8	101.7	116.7	125.1
Diabetes.....	(61)	16.6	19.3	19.9	26.3	31.2
Appendicitis.....	(121)	12.3	13.1	13.4	16.1	8.8
Nephritis.....	(130-132)	182.7	142.9	107.5	47.4	37.9
Diseases of circulatory system.....	(90-103)	193.6	299.0	325.6	376.2	303.0
Total degenerative diseases.....	(83a, 90-103,) (130-132)	469.6	467.5	450.4	433.1	370.5
Total accidents.....	(169-195)	94.2	82.1	70.5	71.7	47.0
Auto accidents.....	(170)	†	†	15.1	20.5	11.1
Other accidents.....	(169, 171-195)	†	†	55.5	51.1	35.8

\* For 1901-'02-'03 and 1909-'10-'11, rates are standardized for age and sex; for 1919-'20, 1929-'30-'31 and 1939-'40-'41 rates are standardized for age, sex and color. Standard is the population of England and Wales in 1901. Rates were adjusted for sex and color according to the distribution of the population of states of the Death Registration Area of the United States in 1920.

† Data not available for 1901-1911.

**New York City's Aging Population**



Chief Causes of Death in Certain Age Groups\*\*  
City of New York, 1944

Males			Females	
Number of Deaths	Per Cent of Total		Number of Deaths	Per Cent of Total
UNDER ONE YEAR				
766	34	Premature Birth	570	36
351	16	Congenital Malformations	276	17
256	11	Pneumonia and Influenza	198	12
272	12	Injury at Birth	160	10
194	9	Other Diseases of Early Infancy	159	10
168	8	Diarrhea	110	7
47	2	Accidents	28	2
175	8	All Other Causes	99	6
<u>2,229</u>	<u>100</u>	<b>Total</b>	<u>1,600</u>	<u>100</u>
1 TO 14 YEARS				
191	25	Accidents	79	13
80	10	Pneumonia and Influenza	88	14
88	11	Contagious Diseases*	65	11
39	5	Tuberculosis	48	8
42	6	Congenital Malformations	41	7
41	5	Heart Diseases	34	5
39	5	Cancer	30	5
250	33	All Other Causes	228	37
<u>770</u>	<u>100</u>	<b>Total</b>	<u>613</u>	<u>100</u>
15 TO 24 YEARS				
166	21	Tuberculosis	243	33
105	13	Heart Diseases	90	12
123	15	Accidents	30	4
69	9	Cancer	34	5
46	6	Contagious Diseases*	39	5
41	5	Pneumonia and Influenza	29	4
36	4	Nephritis	18	2
.....	.....	Puerperal Diseases	49	7
222	27	All Other Causes	202	28
<u>808</u>	<u>100</u>	<b>Total</b>	<u>734</u>	<u>100</u>
25 TO 44 YEARS				
1,002	22	Heart Diseases	663	17
777	17	Tuberculosis	532	14
463	10	Cancer	819	22
466	11	Accidents	131	3
257	6	Pneumonia and Influenza	151	4
180	4	Nephritis	167	4
136	3	Syphilis	52	1
.....	.....	Puerperal Diseases	172	5
1,211	27	All Other Causes	1,135	30
<u>4,492</u>	<u>100</u>	<b>Total</b>	<u>3,822</u>	<u>100</u>
45 TO 64 YEARS				
7,274	41	Heart Diseases	3,839	34
3,494	19	Cancer	3,085	27
1,085	6	Tuberculosis	232	2
452	3	Diabetes	861	8
599	3	Intracranial Lesions of Vascular Origin	677	6
858	5	Accidents	269	2
725	4	Pneumonia and Influenza	320	3
3,471	19	All Other Causes	2,007	18
<u>17,958</u>	<u>100</u>	<b>Total</b>	<u>11,290</u>	<u>100</u>
65 AND OVER				
8,312	49	Heart Diseases	8,630	49
2,972	17	Cancer	2,601	15
847	5	Intracranial Lesions of Vascular Origin	1,192	7
495	3	Diabetes	1,190	7
636	4	Nephritis	823	5
730	4	Pneumonia and Influenza	707	4
641	4	Accidents	749	4
2,359	14	All Other Causes	1,583	9
<u>16,992</u>	<u>100</u>	<b>Total</b>	<u>17,475</u>	<u>100</u>

\* International List numbers 1-44, except tuberculosis, syphilis and influenza.

\*\* Arranged in order of importance for both sexes combined.

YEAR	1915	1916	1917	1918	1919	1920	1921	1922
Population.....	5,225,000	5,312,000	5,400,000	5,488,000	5,576,000	5,684,000	5,812,000	5,939,000
Total deaths.....	76,193	77,801	78,575	98,119	74,433	73,249	64,257	69,690
Death rate.....	1,458	1,464	1,455	1,788	1,335	1,289	1,106	1,173
Total deaths under 5 years.....	20,291	19,967	18,256	21,019	15,744	17,288	13,672	14,847
Rate on estim. pop. under 5 years.....	3,758	3,664	3,289	3,767	2,811	3,082	2,441	2,685
Deaths under 1 year of age.....	13,866	12,818	12,568	12,657	10,639	11,340	9,548	9,666
Rate per 1,000 live births.....	98	93	89	92	82	85	71	75
Measles (35).....	630	490	560	790	218	736	165	977
Rate (see note).....	103.1	80.2	91.5	128.9	35.8	122.0	27.4	163.0
Whooping cough (9).....	397	349	489	665	161	615	350	268
Rate (see note).....	65.0	57.1	79.9	108.5	26.4	101.9	58.2	44.7
Scarlet fever (8).....	291	96	120	177	136	220	385	216
Rate (see note).....	19.5	6.3	7.8	11.3	8.6	13.7	23.7	13.2
Diphtheria (10).....	1,278	1,031	1,158	1,245	1,239	1,045	891	873
Rate (see note).....	85.7	68.1	75.3	79.8	78.2	64.9	54.9	53.4
Typhoid fevers (1, 2).....	332	216	229	196	121	137	123	129
Rate.....	6.4	4.1	4.2	3.6	2.2	2.4	2.1	2.2
Meningococcus meningitis (6).....	119	176	187	262	171	123	147	110
Rate.....	2.3	3.3	3.5	4.8	3.1	2.2	2.5	1.9
Pulmonary tuberculosis (13).....	8,825	8,411	8,825	8,779	7,395	6,165	5,143	5,033
Rate.....	168.9	158.3	163.4	160.0	132.6	108.5	88.5	84.7
Other forms tuberculosis (14-22).....	1,424	1,237	1,317	1,318	1,103	970	779	769
Rate.....	27.3	23.3	24.4	24.0	19.8	17.1	13.4	12.9
Influenza (33).....	526	853	657	12,562	4,834	3,492	384	869
Rate.....	10.1	16.1	12.2	228.9	86.7	61.4	6.6	14.6
Pneumonia (107-109).....	10,922	10,568	11,051	20,628	10,977	10,058	6,477	8,794
Rate.....	209.1	198.9	204.6	375.9	196.9	177.0	111.5	148.1
Other respiratory (104-6; 110-14).....	1,424	1,440	1,420	1,543	1,187	1,443	967	920
Rate.....	27.3	27.1	26.3	28.1	21.3	25.4	16.6	15.5
Cancer (45-55).....	4,647	4,701	4,867	4,931	5,147	5,317	5,573	5,945
Rate.....	88.9	88.5	90.1	89.8	92.3	93.5	95.9	100.1
Diabetes (61).....	1,109	1,119	1,153	1,011	955	1,075	1,120	1,448
Rate.....	21.2	21.1	21.4	18.4	17.1	18.9	19.3	24.4
Appendicitis (121).....	723	697	668	584	690	792	824	883
Rate.....	13.8	13.1	12.4	10.6	12.4	13.9	14.2	14.9
Nephritis (130-2).....	5,521	6,546	6,727	5,269	5,007	4,833	4,105	4,450
Rate.....	105.7	123.2	124.6	96.0	89.8	85.0	70.6	74.9
Diseases of circulatory sys. (90-103).....	13,596	14,210	14,818	15,660	14,077	15,195	15,696	17,350
Rate.....	260.2	267.5	274.4	285.3	252.5	267.3	270.1	292.1
Cerebral hem., apoplexy (83a).....	946	804	794	1,042	811	718	886	501
Rate.....	18.1	15.1	14.7	19.0	14.5	12.6	15.2	8.4
Total degenerative diseases*.....	20,063	21,560	22,339	21,971	19,895	20,746	20,687	22,301
Rate.....	384.0	405.8	413.7	400.3	356.8	365.0	356.0	375.5
Suicides (163, 164).....	958	836	778	724	703	670	831	789
Rate.....	18.3	15.7	14.4	13.2	12.6	11.8	14.3	13.3
Homicides (165-168).....	261	256	248	247	279	325	303	337
Rate.....	5.0	4.8	4.6	4.5	5.0	5.7	5.2	5.7
Automobile accidents (170).....	346	407	**674	677	767	763	849	870
Rate.....	6.6	7.7	12.5	12.3	13.8	13.4	14.6	14.6
Other accidents (169, 171-195).....	3,212	3,561	4,042	3,613	3,059	2,856	2,634	2,801
Rate.....	61.5	67.0	74.8	65.8	54.9	50.2	45.3	47.2
Perinatal diseases (140-150).....	710	653	651	664	644	708	746	699
Rate per 10,000 total births.....	48	45	44	46	47	51	53	51

\*\* In 1917, horse drawn vehicles included.

\* Includes nephritis, diseases of circulatory system, and cerebral hemorrhag

Note:—Rates for measles and whooping cough per 100,000 under five years; rates for scarlet fever and diphtheria are per

