

DEPARTMENT OF HEALTH, CITY OF NEW YORK

SUMMARY OF VITAL STATISTICS

Population, Births, Marriages, Deaths and Infant Mortality, 1898-1933

YEAR	Estimated Population July 1st Each Year	BIRTHS *		MARRIAGES		DEATHS		STILL BIRTHS Ratio to 1,000 * Live Births		INFANT MORTALITY Deaths Under One Year Rate per † 1,000 Births	
		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 Births
1898.....	3,272,418	78,928	24.12	28,885	8.83	66,294	20.26	5,638	71.4	16,770	140.93
1899.....	3,356,722	77,632	23.13	30,474	9.08	65,343	19.47	5,463	70.4	15,381	132.60
1900.....	3,446,042	81,721	23.72	32,247	9.36	70,872	20.57	5,815	71.2	16,640	135.29
1901.....	3,554,079	80,735	22.72	33,447	9.41	70,720	19.90	5,750	71.2	15,467	126.78
1902.....	3,665,825	85,644	23.36	36,207	9.88	68,085	18.58	6,011	70.2	15,526	127.26
1903.....	3,781,423	94,755	25.06	38,174	10.10	67,864	17.94	6,078	64.1	14,413	111.72
1904.....	3,901,023	99,555	25.52	39,436	10.11	78,060	20.01	6,288	63.2	16,125	121.22
1905.....	4,025,742	103,881	25.80	42,675	10.60	73,714	18.31	6,352	61.1	16,522	122.40
1906.....	4,166,566	111,772	26.82	48,355	11.60	76,203	18.29	6,646	59.5	17,189	121.90
1907.....	4,314,237	120,722	27.98	51,097	11.84	79,205	18.36	7,351	60.9	17,437	118.60
1908.....	4,469,248	126,862	28.38	37,449	8.39	73,072	16.35	7,191	56.7	16,231	111.16
1909.....	4,632,078	122,975	26.54	41,513	8.96	74,105	16.00	6,697	54.5	15,976	112.50
1910.....	4,785,190	129,080	26.95	46,417	9.70	76,742	16.04	6,751	52.3	16,215	113.38
1911.....	4,873,069	134,544	27.61	48,765	10.01	75,423	15.48	6,673	49.6	15,053	106.75
1912.....	4,960,948	135,655	27.34	51,703	10.42	73,008	14.17	6,619	48.8	14,289	102.07
1913.....	5,048,827	135,134	26.77	51,268	10.15	73,902	14.64	6,629	49.1	13,780	98.40
1914.....	5,136,706	140,647	27.38	53,051	10.33	74,803	14.56	6,617	47.0	13,312	94.65
1915.....	5,224,585	141,256	27.04	50,997	9.76	76,193	14.58	6,413	45.4	13,866	98.16
1916.....	5,312,464	137,664	25.91	54,782	10.31	77,801	14.64	6,253	45.4	12,818	93.11
1917.....	5,400,343	141,564	26.21	59,210	10.96	78,575	14.55	6,117	43.2	12,568	88.78
1918.....	5,488,222	138,046	25.15	56,733	10.34	98,119	17.88	6,793	49.2	12,657	91.69
1919.....	5,576,101	130,377	23.35	60,256	10.80	74,433	13.35	5,984	45.9	10,639	81.60
1920.....	5,683,765	132,856	23.37	64,422	11.33	73,249	12.89	6,234	46.9	11,340	85.36
1921.....	5,811,549	134,241	23.10	60,846	10.47	64,257	11.06	6,297	46.9	9,548	71.13
1922.....	5,939,333	129,684	21.84	58,192	9.80	69,690	11.73	6,125	47.2	9,666	74.54
1923.....	6,067,117	129,160	21.29	66,430	10.95	69,452	11.45	6,023	46.6	8,578	66.41
1924.....	6,195,251	130,436	21.05	62,254	10.05	71,252	11.50	6,448	49.4	8,820	67.62
1925.....	6,323,035	128,790	20.37	64,826	10.25	71,864	11.37	6,134	47.6	8,315	64.56
1926.....	6,450,819	125,515	19.46	68,417	10.61	76,082	11.79	6,054	48.2	8,509	67.79
1927.....	6,578,603	128,889	19.59	66,431	10.10	70,430	10.71	5,895	45.7	7,210	55.94
1928.....	6,706,737	126,332	18.84	62,424	9.31	78,091	11.64	6,121	48.5	8,280	65.54
1929.....	6,834,521	124,404	18.20	65,780	9.62	77,482	11.34	5,726	46.0	7,281	58.53
1930.....	6,962,305	122,811	17.64	63,337	9.10	74,888	10.76	5,700	46.4	7,030	57.24
1931.....	7,090,089	115,621	16.31	61,574	8.68	77,418	10.92	5,579	48.3	6,427	55.59
1932.....	7,218,223	109,878	15.22	58,957	8.17	74,319	10.30	5,396	49.1	5,594	50.91
1933.....	7,346,007	103,500	14.09	60,116	8.18	75,153	10.23	5,347	51.7	5,508	53.22

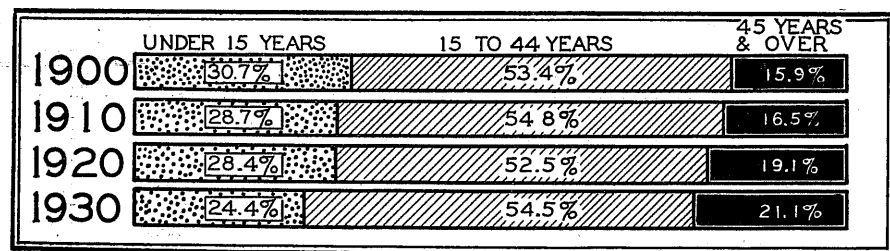
* Reported births incomplete to about 1910; in 1898 actual birth rate is estimated at 36; in 1905 at 34.
 † Up to 1913, based on estimated number of births.

Births, Marriages, Deaths and Still Births as Reported*—1933

	Estimated Population July 1st 1933	BIRTHS		MARRIAGES		DEATHS		STILL BIRTHS Ratio to 1,000 Live Births	
		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
Manhattan.....	1,735,132	32,102	18.50	26,302	15.16	27,983	16.13	1,836	57.1
The Bronx.....	1,434,361	15,978	11.14	9,421	6.57	11,046	7.70	769	48.1
Brooklyn.....	2,732,301	41,862	15.32	18,811	6.88	25,781	9.44	2,130	50.8
Queens.....	1,272,602	11,012	8.65	4,727	3.71	8,040	6.32	500	45.4
Richmond.....	171,611	2,546	14.84	855	4.98	2,303	13.42	112	44.0
City of New York.....	7,346,007	103,500	14.09	60,116	8.18	75,153	10.23	5,347	51.6

* Tabulation of births, deaths and still births, by borough of residence, on next page.

Our Aging Population



Deaths, Births and Still Births, by Borough Of Residence—1933

	N. Y. City	Manhattan	The Bronx	Brooklyn	Queens	Richmond
Total Deaths.....	75,153	25,197	11,531	26,401	10,243	1,781
Death Rate per 1,000 Population.....	10.23	14.52	8.04	9.66	8.05	10.38
1. Typhoid Fever.....	71	25	6	32	5	2
4. Measles.....	213	77	38	74	19	5
5. Scarlet Fever.....	59	10	14	21	9	5
6. Whooping Cough.....	128	29	12	69	16	2
7. Diphtheria.....	86	21	9	37	16	3
8. Influenza.....	718	173	131	267	115	32
10. Pulmonary Tuberculosis.....	4,056	1,840	581	1,122	439	74
11. Other Tuberculosis.....	521	265	71	126	49	10
(a) Tuberculous Meningitis.....	188	93	22	54	14	5
12. Syphilis.....	636	331	59	178	57	11
13. Malaria.....	12	9	1	2		
14. Other Infectious Diseases.....	554	199	107	167	68	13
(a) Poliomyelitis.....	90	25	24	28	12	1
(b) Epidemic Encephalitis.....	37	10	7	12	7	1
(c) Epidemic Meningitis.....	73	28	15	20	9	1
15. Cancer.....	8,932	2,821	1,571	3,041	1,305	194
16. Non-Malignant Tumors.....	621	212	111	198	83	17
17. Chronic Rheumatism, Gout.....	152	74	15	48	11	4
18. Diabetes.....	2,141	636	364	805	295	41
19. Alcoholism.....	703	421	40	198	35	9
20. Other Ger. Dis. & Chronic Poison's... .	1,189	326	165	495	180	23
21. Locomotor Ataxia and General Paresis of the Insane.....	187	73	17	68	25	4
22. Cerebral Hemorrhage, etc.....	884	375	236	170	62	41
23. Other Diseases of Nervous System and Organs of Sense.....	1,422	447	239	535	172	29
24. Diseases of the Heart.....	18,671	5,680	3,040	6,807	2,692	452
25. Other Diseases of Circulatory System..	4,870	1,341	557	1,986	869	117
(a) Arterio Sclerosis.....	4,224	1,169	485	1,688	771	111
26. Bronchitis.....	130	45	19	43	20	3
27. The Pneumonias.....	7,686	2,694	974	2,818	1,027	173
(a) Broncho Pneumonia.....	3,844	1,217	449	1,537	551	90
(b) Lobar Pneumonia.....	3,748	1,455	500	1,262	450	81
28. Other Respiratory Diseases.....	480	192	64	162	43	19
29. Diarrhea and Enteritis.....	656	289	58	233	60	16
(a) Diarrhea Under 5 Years.....	550	249	44	195	51	11
30. Appendicitis.....	1,149	292	210	415	206	26
31. Diseases of Liver and Biliary Passages	1,227	417	174	440	164	32
32. Other Digestive Diseases.....	1,927	583	298	724	282	40
33. Nephritis, All Forms.....	3,638	1,078	639	1,275	535	111
34. Other Dis. of Genito-urinary System..	1,125	334	209	447	114	21
35. Puerperal Septicemia*.....	190	60	35	65	27	3
36. Other Puerperal Diseases.....	475	119	56	219	70	11
37. Diseases of Skin and Bones.....	362	109	66	150	33	4
38. Diseases of Early Infancy.....	3,016	906	547	1,060	415	88
39. Old Age.....	107	32	22	42	3	8
40. Suicide.....	1,343	538	234	368	180	23
41. Homicide.....	541	301	40	140	55	5
42. Other Violence.....	4,238	1,822	499	1,338	470	109
(a) Sunstroke.....	105	39	10	44	9	3
(b) Auto Accidents.....	1,137	407	167	376	162	25
(c) Other Accidents.....	2,996	1,376	322	918	299	81
43. Unknown and Ill Defined.....	38	1	3	16	17	1
Non-Resident Deaths.....	1,829	1,178	179	228	215	29
Births.....	103,500	25,747	18,491	40,441	16,222	2,599
Birth Rate per 1,000 Population.....	14.09	14.84	12.89	14.80	12.75	15.14
Deaths Under One Year.....	5,508	1,750	869	2,042	719	128
Infant Death Rate per 1,000 Births.....	53.22	67.97	47.00	50.49	44.32	49.25
Deaths Under One Month.....	3,099	955	542	1,112	412	78
Neonatal Rate per 1,000 Births.....	29.94	37.09	29.31	27.50	25.40	30.01
Still Births.....	5,347	1,559	859	2,101	713	115
Ratio to 1,000 Live Births.....	51.66	60.79	46.46	51.95	43.95	43.09

* Includes Causes 140 and 145 of Detailed International List. Reports other than this include 145 only.

Unknown

1126

874

**Population By Age, Sex, Nativity, and Color
Federal Census, April 1, 1930**

AGE (In Years)	TOTAL				BY COLOR AND NATIVITY				DEATHS, 1933 By Age and Color		
	Persons	Per Cent of Total	Males	Females	Native White	Foreign- Born White	Negro	Other Races	Total	White	Negro
All Ages	6,930,446	100.00	3,472,956	3,457,490	4,293,825	2,293,400	327,706	15,515	75,153	69,438	5,517
Under 5	535,600	7.73	272,438	263,162	502,296	5,550	26,920	834	7,422	6,574	837
5-9	577,284	8.34	291,782	285,502	530,430	21,831	24,365	658	1,078	994	79
10-14	575,300	8.31	290,263	285,037	531,011	25,251	18,662	376	827	747	80
15-19	599,286	8.65	293,740	305,546	510,331	67,303	21,120	532	1,098	963	133
20-24	687,417	9.93	327,734	359,683	485,038	162,260	38,658	1,461	1,740	1,401	332
25-29	695,984	10.05	341,448	354,536	393,467	251,242	48,601	2,614	2,283	1,844	423
30-34	649,576	9.38	327,685	321,891	329,570	276,817	40,533	2,656	2,717	2,220	477
35-39	621,248	8.97	319,859	301,389	272,916	309,213	36,924	2,195	3,408	2,879	518
40-44	518,588	7.49	272,868	245,720	199,373	291,971	25,515	1,729	4,415	3,856	532
45-49	422,063	6.10	219,600	202,463	151,837	250,151	19,057	1,018	5,340	4,796	530
50-54	340,807	4.92	175,346	165,461	126,092	202,123	11,922	670	6,389	5,934	428
55-59	246,277	3.56	123,128	123,149	93,256	146,295	6,365	361	6,908	6,568	322
60-64	190,527	2.75	92,494	98,033	69,444	117,119	3,767	197	7,883	7,583	276
65-69	127,356	1.84	60,451	66,905	45,147	79,781	2,331	97	7,659	7,462	189
70-74	77,327	1.12	35,866	41,461	28,853	47,201	1,236	37	6,831	6,638	188
75-79	36,629	.53	16,239	20,390	13,326	22,612	680	11	4,601	4,512	87
80-84	15,746	.23	6,286	9,460	5,262	10,176	304	4	2,693	2,638	55
85-89	5,589	.08	2,087	3,502	1,829	3,625	133	2	*1,861	1,829	31
90-94	1,475	.02	498	977	425	1,007	43	0			
95-99	311	(a)	104	207	69	226	14	2			
100 and over	69	(a)	29	40	7	52	10	0			
Unknown	5,986	...	3,011	2,975	3,846	1,594	485	61			

(a) less than .005%. Percentages based on 6,924,460 of known ages.

* 85 and over.

Cases of Reportable Infections Diseases—City of New York

Year	Tuberculosis	Diphtheria	Measles	Scarlet Fever	Chickenpox	Typhoid Fever	Whooping Cough	Epidemic 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	4,467	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	13,523	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	7,864	1,442	5,597	322	139	19,833	8,312			
1918	14,339	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			
1920	14,035	14,166	35,083	6,537	5,534	909	7,530	244	154	19,440	4,535	25,128	10,325	573
1921	12,966	15,110	7,738	13,516	8,041	899	5,808	279	588	14,090	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	922
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	9,843	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	671	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	586	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	497	4,538	503	78	32,219	9,737	1,010	17,081	100
1931	11,794	3,999	26,519	11,900	9,113	603	6,643	392	4,138	34,894	9,745	4,498	21,116	97
1932	10,589	3,581	10,354	21,093	8,862	560	7,126	207	143	42,315	11,640	3,418	17,835	57
1933	9,991	1,891	36,216	8,262	11,966	557	6,009	114	831	42,242	11,164	2,617	16,972	86

SPECIFIC DEATH RATES, NEW YORK CITY, 1900-1930, INCLUSIVE

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

