

m. H. H. H.
1930

BUREAU OF RECORDS VITAL STATISTICS

CONDENSED ANNUAL REPORT, YEARS 1898-1930

YEAR	Estimated Population July 1st Each Year	BIRTHS*		MARRIAGES		DEATHS		STILL BIRTHS	
		Total Reported	Rate per 1,000	Total Reported	Rate per 1,000	Total Reported	Rate per 1,000	Total Reported	Ratio to 1,000* Live Births
1898.....	3,272,418	78,928	24.12	28,885	8.83	66,294	20.26	5,638	71.4
1899.....	3,356,722	77,632	23.13	30,474	9.08	65,343	19.47	5,463	70.4
1900.....	3,446,042	81,721	23.72	32,247	9.36	70,872	20.57	5,815	71.2
1901.....	3,554,079	80,735	22.72	33,447	9.41	70,720	19.90	5,750	71.2
1902.....	3,665,825	85,644	23.36	36,207	9.88	68,085	18.58	6,011	70.2
1903.....	3,781,423	94,755	25.06	38,174	10.10	67,864	17.94	6,078	64.1
1904.....	3,901,023	99,555	25.52	39,436	10.11	78,060	20.01	6,288	63.2
1905.....	4,025,742	103,881	25.80	42,675	10.60	73,714	18.31	6,352	61.1
1906.....	4,166,566	111,772	26.82	48,355	11.60	76,203	18.29	6,646	59.5
1907.....	4,314,237	120,722	27.98	51,097	11.84	79,205	18.36	7,351	60.9
1908.....	4,469,248	126,862	28.38	37,449	8.39	73,072	16.35	7,191	56.7
1909.....	4,632,078	122,975	26.54	41,513	8.96	74,105	16.00	6,697	54.5
1910.....	4,785,190	129,080	26.95	46,417	9.70	76,742	16.04	6,751	52.3
1911.....	4,873,069	134,544	27.61	48,765	10.01	75,423	15.48	6,673	49.6
1912.....	4,960,948	135,655	27.34	51,703	10.42	73,008	14.17	6,619	48.8
1913.....	5,048,827	135,134	26.77	51,268	10.15	73,902	14.64	6,629	49.1
1914.....	5,136,706	140,647	27.38	53,051	10.33	74,803	14.56	6,617	47.0
1915.....	5,224,585	141,256	27.04	50,997	9.76	76,193	14.58	6,413	45.4
1916.....	5,312,464	137,664	25.91	54,782	10.31	77,801	14.64	6,253	45.4
1917.....	5,400,343	141,564	26.21	59,210	10.96	78,575	14.55	6,117	43.2
1918.....	5,488,222	138,046	25.15	56,733	10.34	98,119	17.88	6,793	49.2
1919.....	5,576,101	130,377	23.35	60,256	10.80	74,433	13.35	5,984	45.9
1920.....	5,683,765	132,856	23.37	64,422	11.33	73,249	12.89	6,234	46.9
1921.....	5,811,549	134,241	23.10	60,846	10.47	68,257	11.06	6,297	46.9
1922.....	5,939,333	129,684	21.84	58,192	9.80	69,690	11.73	6,125	47.2
1923.....	6,067,117	129,160	21.29	66,430	10.95	69,452	11.45	6,023	46.6
1924.....	6,195,251	130,436	21.05	62,254	10.05	71,252	11.50	6,448	49.4
1925.....	6,323,035	128,790	20.37	64,826	10.25	71,864	11.37	6,134	47.6
1926.....	6,450,819	125,515	19.46	68,417	10.61	76,082	11.79	6,054	48.2
1927.....	6,578,603	128,889	19.59	66,431	10.10	70,430	10.71	5,895	45.7
1928.....	6,706,737	126,332	18.84	62,424	9.31	78,091	11.64	6,121	48.5
1929.....	6,834,521	124,404	18.20	65,780	9.62	77,482	11.34	5,726	46.0
1930.....	6,962,305	122,811	17.64	63,337	9.10	74,888	10.76	5,700	46.4

*Reported births incomplete to about 1910. ✓

BIRTHS, MARRIAGES, DEATHS, AND STILL BIRTHS AS REPORTED—1930 WITH RATES PER 1,000 POPULATION

	Estimated Population July 1st 1930	BIRTHS		MARRIAGES		DEATHS		STILL BIRTHS	
		Total Reported	Rate per 1,000	Total Reported	Rate per 1,000	Total Reported	Rate per 1,000	Total Reported	Ratio to 1,000 Live Births
Manhattan	1,857,175	39,231	21.11	30,948	16.66	29,671	15.97	2,018	51.4
The Bronx	1,278,221	18,318	14.32	9,722	7.60	10,065	7.87	784	42.8
Brooklyn..	2,573,582	49,325	19.17	17,909	6.96	25,232	9.85	2,254	45.7
Queens....	1,093,961	13,168	12.04	3,787	3.46	7,722	7.06	505	38.4
Richmond.	159,366	2,769	17.38	971	6.09	2,198	13.79	139	50.2
City of New York.	6,962,305	122,811	17.64	63,337	9.10	74,888	10.76	5,700	46.4

BIRTHS, DEATHS, AND STILLBIRTHS BY BOROUGH OF RESIDENCE—1930

	Manhattan	The Bronx	Brooklyn	Queens	Richmond	City
Births.....	30,227	22,691	48,281	18,797	2,815	122,811
Birth Rate per 1,000 Population.....	16.27	17.75	18.77	17.19	17.66	17.64
Deaths under One Year.....	2,227	997	2,740	915	151	7,030
Infant Death Rate per 1,000 Corrected Births....	73.69	43.93	56.76	48.66	53.64	57.24
Total Deaths.....	26,608	10,865	25,886	9,701	1,828	74,888
Rate per 1,000 Population.....	14.32	8.50	10.65	8.36	9.47	10.76
Stillbirths.....	1,632	979	2,204	745	140	5,700

REGISTERED MORTALITY FROM PRINCIPAL CAUSES—YEAR 1930

	Man- hattan	The Bronx	Brook- lyn	Queens	Rich- mond	City of New York
† Total Deaths Distributed to Borough Residence	26,608	10,865	25,886	9,701	1,828	74,888
Death Rate per 1,000 Population.....	14.32	8.50	10.65	8.36	9.47	10.76
Typhoid Fever.....	27	5	25	3	2	62
Typhus Fever.....	1	1	.....	.....	.....	2
Malarial Fever.....	3	.....	.....	.....	.....	3
Smallpox.....	.....	.....	.....	.....	.....	.....
Measles.....	62	25	46	20	1	154
Scarlet Fever.....	12	11	20	13	1	57
Whooping Cough.....	32	8	57	24	4	125
Diphtheria and Croup.....	43	25	78	47	5	198
Influenza.....	106	92	198	66	21	483
Encephalitis Lethargica.....	21	10	14	14	4	63
Poliomyelitis.....	7	4	2	.....	.....	13
Other Epidemic Diseases.....	131	44	100	39	4	318
Tuberculosis of the Lungs.....	2,031	626	1,252	457	91	4,457
Tuberculous Meningitis.....	117	31	74	16	2	240
Other Forms of Tuberculosis.....	197	45	116	31	3	392
Cancer, Malignant Tumors.....	2,684	1,362	2,778	1,141	160	8,125
Simple Meningitis.....	79	22	61	36	5	203
Cerebro-Spinal Meningitis.....	112	26	93	35	1	267
Apoplexy and Softening of Brain.....	239	149	143	31	32	594
Organic Heart Disease.....	5,220	2,611	6,128	2,488	506	16,953
Diseases of Arteries.....	1,501	650	1,685	703	106	4,645
Acute Bronchitis.....	21	5	27	16	3	72
Chronic Bronchitis.....	28	12	37	9	.....	86
Pneumonia (excluding Broncho-Pneu- monia).....	1,652	546	1,458	546	115	4,317
Broncho-Pneumonia.....	1,330	420	1,356	534	101	3,741
Other Respiratory Diseases.....	138	71	137	45	11	402
Diseases of the Stomach.....	171	78	177	70	13	509
Diarrhoeal Diseases (under 5 years).....	381	85	307	64	21	858
Appendicitis and Typhlitis.....	320	189	431	150	21	1,111
Hernia and Intestinal Obstruction.....	210	90	251	80	13	644
Cirrhosis of the Liver.....	193	41	147	48	8	437
Bright's Disease and Nephritis.....	921	422	1,084	390	88	2,905
Diseases of Women (not Cancerous).....	179	62	157	40	7	445
Puerperal Septicaemia.....	23	23	46	19	2	113
Other Puerperal Diseases.....	163	87	222	78	4	554
Congenital Debility and Malformations.....	922	504	1,192	482	73	3,173
Old Age.....	29	24	41	5	11	110
Violent Deaths (Suicides excepted).....	2,501	604	1,564	562	131	5,362
a Effects of Heat.....	28	21	34	6	1	90
b Vehicular Accidents.....	521	193	418	194	34	1,360
c Other Accidents.....	1,674	349	974	330	91	3,418
d Homicides.....	278	41	138	32	5	494
Suicides.....	650	209	353	167	24	1,403
Other Diseases.....	4,148	1,644	4,013	1,224	234	11,263
Ill-Defined Causes.....	3	2	16	8	.....	29
Non-Residents.....	1,349	126	411	234	48	2,168

† Figures represent the number of deaths credited to each borough after correction was made by distributing to each borough the deaths of its residents that occurred in other boroughs, thus constituting an interborough corrected mortality.

Of the deaths in Richmond, 42 were charged to Sailors Snug Harbor, and 3 to the Marine Hospital.

DEATHS ACCORDING TO AGE AND COLOR—YEAR 1930

	Manhattan	The Bronx	Brooklyn	Queens	Richmond	City of New York
Total, All Ages.....	26,608	10,865	25,886	9,701	1,828	74,888
Under One Year.....	2,227	997	2,740	915	151	7,030
One Year.....	285	139	403	123	26	976
Two Years.....	174	75	211	63	9	532
Three Years.....	99	52	164	58	5	378
Four Years.....	84	46	119	46	13	308
Total Under Five Years..	2,869	1,309	3,637	1,205	204	9,224
5 to 9 Years.....	311	160	450	175	29	1,125
10 to 14 Years.....	228	122	300	111	27	788
15 to 19 Years.....	457	219	539	163	25	1,403
20 to 24 Years.....	846	309	723	243	39	2,160
25 to 29 Years.....	986	371	792	268	50	2,467
30 to 34 Years.....	1,186	417	903	346	60	2,912
35 to 39 Years.....	1,609	499	1,032	424	76	3,640
40 to 44 Years.....	1,761	561	1,407	495	97	4,321
45 to 49 Years.....	2,069	767	1,712	608	85	5,241
50 to 54 Years.....	2,384	915	2,018	779	146	6,242
55 to 59 Years.....	2,392	991	2,276	878	155	6,692
60 to 64 Years.....	2,615	1,140	2,667	976	166	7,564
65 to 69 Years.....	2,334	1,066	2,386	974	179	6,939
70 to 74 Years.....	1,944	908	2,042	841	174	5,909
75 to 79 Years.....	1,310	566	1,410	631	153	4,070
80 to 84 Years.....	786	331	904	346	90	2,457
85 Years and Over.....	521	214	688	238	73	1,734
Negroes.....	3,634	230	1,103	255	42	5,264
Chinese.....	140	4	21	3	1	169

SEARCHES MADE AND TRANSCRIPTS ISSUED

SEARCHES	Borough of					City
	Manhattan	The Bronx	Brooklyn	Queens	Richmond	
Free Searches of Birth (School and Mercantile Purposes).....	40,714	7,463	34,452	5,295	3,838	91,762
Paid Searches of Births.....	50,171	6,632	30,139	3,388	1,526	91,856
Paid Searches of Marriages.....	3,146	695	728	63	35	4,667
Paid Searches of Deaths.....	35,783	12,000	27,238	9,248	1,993	86,262
Total Free and Paid Searches...	129,814	26,790	92,557	17,994	7,392	274,547
TRANSCRIPTS						
Paid Transcripts of Births Issued..	41,376	6,687	25,631	3,548	1,453	78,695
Paid Transcripts of Marriages Issued	2,327	743	603	100	29	3,802
Paid Transcripts of Deaths Issued..	48,928	18,862	49,123	18,502	2,549	137,964
Total Transcripts Issued.....	92,631	26,292	75,357	22,150	4,031	220,461

CASES OF REPORTABLE INFECTIOUS DISEASES—CITY OF NEW YORK

	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Tuberculosis.....	22,141	19,297	17,494	14,339	14,570	14,035	12,966	13,329	11,336	11,924	10,955	10,498	10,873	11,614	11,938	11,821
Diphtheria.....	15,279	13,521	12,624	11,454	14,014	14,166	15,110	10,427	8,050	9,887	9,051	7,531	13,507	10,776	8,548	3,794
Measles.....	38,186	21,603	27,519	28,675	8,194	35,083	7,738	40,569	13,999	33,561	8,843	39,750	2,101	35,008	2,952	23,635
Scarlet Fever.....	9,879	5,814	6,260	4,460	4,594	6,537	13,516	10,269	8,237	8,399	8,840	7,968	18,339	10,586	7,957	7,592
Chickenpox.....	8,721	9,617	7,864	4,196	5,326	5,534	8,041	5,738	8,671	8,230	7,546	6,757	9,444	7,082	9,264	7,901
Influenza.....					25,218	69,824	2,486	21,042	16,061	1,753	1,745	5,911	2,048	2,878	11,121	1,010
Pneumonia.....					10,325	25,983	14,143	19,121	15,952	18,594	15,651	22,661	18,273	21,079	21,132	17,081
Typhoid Fever.....	2,455	1,617	1,442	1,238	854	969	899	790	890	1,637	1,417	913	762	671	556	497
Whooping Cough.....	6,771	7,460	5,597	5,558	1,658	7,530	5,808	4,799	4,484	3,244	4,826	3,487	6,052	5,870	2,944	4,538
Syphilis.....	17,335	20,128	19,833	17,320	19,241	19,440	14,096	13,199	16,879	16,402	15,630	17,700	24,324	25,034	28,772	32,219
Gonorrhoea.....	9,709	6,341	8,312	6,538	5,677	4,535	5,287	5,599	6,817	6,137	5,466	4,728	7,006	7,431	8,840	9,737
Poliomyelitis.....	95	9,023	139	134	42	154	588	224	344	307	111	537	572	71	78	
Epidemic Meningitis.....	174	263	322	477	317	244	279	218	133	156	120	170	177	1,102	1,000	503

POPULATION, DEATHS AND DEATH RATES PER 100,000 POPULATION, CITY OF NEW YORK, 1911 to 1930 INCLUSIVE

YEAR	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Population	4,873,069	4,960,948	5,048,827	5,136,706	5,224,585	5,312,464	5,400,343	5,488,222	5,576,101	5,663,980	5,751,859	5,839,738	5,927,617	6,015,496	6,103,375	6,191,254	6,279,133	6,367,012	6,454,891	6,542,770
Total deaths	75,423	73,008	73,902	74,803	76,193	77,801	78,575	98,119	74,433	73,249	64,257	69,890	69,452	71,252	71,884	76,082	70,430	78,091	77,482	74,888
Death rate	1,548	1,471	1,464	1,456	1,458	1,464	1,455	1,788	1,335	1,289	1,106	1,173	1,145	1,180	1,137	1,179	1,071	1,164	1,134	1,076
Total deaths under 5 years	22,242	20,978	20,711	19,630	20,291	19,967	18,256	21,019	15,744	17,288	13,672	14,847	11,830	12,801	11,442	12,509	9,971	11,760	9,836	9,224
Rate on estim. pop. under 5 years	4,301	3,779	3,855	3,668	3,641	3,543	3,196	3,650	2,775	3,076	2,430	2,678	2,142	2,303	2,056	2,293	1,804	2,137	1,800	1,692
Diarrhoea under 5 years	4,096	4,149	3,668	3,679	3,924	3,053	3,365	2,556	2,474	2,094	2,129	1,720	1,584	1,183	1,206	1,002	776	1,053	842	858
Rate on estim. pop. under 5 years	908	787	683	654	704	542	589	444	436	479	378	310	277	211	217	132	140	191	154	157
Deaths under 1 year of age	15,053	14,289	13,780	13,312	13,866	12,818	12,568	12,657	10,639	11,340	9,548	9,666	8,578	8,820	8,315	8,509	7,210	8,280	7,281	7,030
Per 1,000 births	112	105	102	95	98	93	89	92	82	85	71	75	66	68	65	68	56	66	59	57
Typhoid Fever	545	499	362	344	332	216	229	196	121	137	123	129	140	184	199	111	78	87	76	62
Rate	11.18	10.06	7.17	6.50	6.35	4.07	4.24	3.57	2.17	2.41	2.12	2.17	2.30	2.97	3.15	1.72	1.19	1.30	1.11	.89
Measles	659	671	628	560	630	490	560	790	218	736	165	977	245	506	130	706	37	346	30	154
Rate	13.52	13.52	12.44	10.90	12.06	9.22	10.37	14.39	3.91	12.95	2.84	16.45	4.04	8.17	2.06	10.94	.56	5.16	.44	2.21
Scarlet Fever	741	615	507	452	291	96	120	177	136	220	385	218	107	80	75	77	102	69	68	57
Rate	15.21	12.40	10.04	8.80	5.57	1.81	2.22	3.23	2.44	3.87	6.62	3.64	1.76	1.29	1.19	1.19	1.55	1.08	.99	.82
Diphtheria	1,281	1,125	1,333	1,491	1,278	1,031	1,158	1,245	1,239	1,045	891	873	553	714	663	477	717	642	463	198
Rate	26.29	22.68	26.40	29.03	24.46	19.41	21.44	22.69	22.24	18.39	15.33	14.70	9.11	11.52	10.49	7.39	10.90	9.57	6.77	2.84
Whooping Cough	384	287	420	279	397	349	489	665	161	615	350	268	202	382	307	221	279	347	157	125
Rate	7.88	5.79	8.32	5.43	7.60	6.57	9.06	12.52	2.89	10.82	6.02	4.51	3.33	6.17	4.86	3.83	4.24	5.17	2.30	1.79
Epidemic Meningitis	203	196	202	207	119	176	187	262	171	123	147	110	77	104	94	114	120	540	480	267
Rate	4.17	3.95	4.00	4.03	2.28	3.31	3.46	4.77	3.07	2.16	2.53	1.85	1.37	1.68	1.49	1.77	1.82	8.05	7.11	3.93
Pulmonary Tuberculosis	8,790	8,691	8,601	8,918	8,825	8,411	8,825	8,779	7,395	6,165	5,143	5,033	4,951	4,780	4,776	4,828	4,444	4,636	4,507	4,457
Rate	180.36	173.15	170.32	173.60	168.88	158.38	163.42	159.94	132.62	108.47	88.50	84.74	81.60	77.94	75.53	74.84	67.55	69.12	65.94	64.02
Other forms of Tuberculosis	1,460	1,390	1,430	1,372	1,424	1,237	1,317	1,318	1,103	970	779	769	722	801	699	680	696	690	653	632
Rate	29.96	28.02	28.33	26.71	27.26	23.29	24.39	24.02	19.78	17.07	13.40	12.95	11.90	12.93	11.05	10.54	10.29	9.55	9.08	
Influenza	486	269	350	336	526	853	657	12,562	4,834	3,492	384	869	1,158	549	665	1,157	630	899	1,202	483
Rate	9.97	5.42	6.93	6.54	10.07	16.06	12.17	228.91	86.99	61.44	6.61	14.63	19.09	8.87	10.52	17.94	9.58	13.40	17.59	6.94
Bronchitis (Acute)	877	732	693	601	711	813	789	760	547	786	421	325	92	79	56	118	65	90	111	72
Rate	17.99	14.75	13.73	11.70	13.61	15.30	14.61	13.85	9.81	13.83	7.24	5.47	1.52	1.28	.89	1.83	.99	1.34	1.02	1.03
Pneumonia	10,055	9,979	10,042	9,678	10,922	10,568	11,051	20,628	10,977	10,058	6,477	8,794	8,231	9,152	8,397	10,521	7,523	10,019	9,456	8,058
Rate	206.32	201.14	198.87	188.38	209.03	198.92	204.64	375.90	196.84	176.96	111.45	148.07	135.88	147.75	132.80	163.20	114.36	149.39	138.36	115.72
Other Respiratory	1,032	630	675	645	713	627	631	613	640	657	546	594	429	419	457	555	480	572	470	488
Rate	21.18	12.70	13.37	12.56	13.65	11.80	11.68	11.17	11.48	11.56	9.40	10.00	7.07	6.76	7.23	8.60	7.30	8.53	6.88	7.01
Cancer	3,873	4,071	4,223	4,467	4,647	4,701	4,867	4,931	5,147	5,317	5,573	5,945	6,287	6,557	6,494	7,083	7,455	7,725	7,948	8,125
Rate	79.48	82.06	83.64	86.96	88.94	88.49	90.13	89.82	92.31	93.53	95.90	100.80	108.62	105.84	107.29	109.02	113.32	115.18	114.83	116.70
Diabetes	739	870	894	979	1,109	1,119	1,153	1,011	955	1,075	1,120	1,448	1,360	1,177	1,313	1,485	1,461	1,663	1,726	1,784
Rate	15.16	17.53	17.51	19.06	21.22	21.06	21.35	18.42	17.12	18.91	19.25	24.38	22.42	19.00	20.79	29.02	22.28	24.80	25.25	25.62
Bright's Disease and Nephritis	5,017	5,724	5,615	5,617	5,521	6,546	6,727	5,269	5,007	4,833	4,105	4,450	4,367	3,705	3,912	4,360	3,182	3,433	3,177	2,905
Rate	102.95	115.37	111.22	109.34	105.66	123.22	124.56	96.01	89.80	85.03	70.64	74.93	71.98	59.80	61.87	67.59	44.07	51.89	46.48	41.74
Chronic Heart Disease	7,965	8,890	9,674	10,058	10,383	10,687	11,102	12,105	10,435	11,342	12,005	13,361	14,312	15,134	14,992	15,784	15,301	16,671	17,479	16,953
Rate	163.44	179.19	191.39	195.86	198.72	201.18	205.60	220.80	187.13	199.55	206.57	224.37	235.89	244.28	237.18	244.68	232.59	248.57	255.75	243.52
Puerperal diseases	738	676	668	679	710	653	651	666	644	708	746	699	623	678	697	895	694	668	629	667
Rate per 1,000 Live Births	5.47	4.98	4.94	4.83	5.03	4.74	4.60	4.82	4.94	5.33	5.56	5.39	4.82	5.20	5.41	4.74	5.38	5.29	5.05	5.43
Automobile Accidents	128	188	293	310	346	407	874	677	767	763	849	870	945	961	1,022	1,069	1,095	1,075	1,344	1,290
Rate	2.63	3.79	5.80	6.03	6.62	7.66	12.48	12.34	13.75	13.42	14.61	14.65	15.58	15.58	16.16	16.57	16.64	16.03	19.66	18.53
Other Accidents	3,986	3,473	3,467	3,441	3,212	3,561	4,042	3,613	3,059	2,856	2,634	2,801	3,249	3,765	3,674	3,509	3,589	3,589	3,589	3,578
Rate	81.80	70.01	68.87	66.98	61.48	67.04	74.85	65.84	54.86	50.25	45.32	47.86	53.56	59.54	56.95	53.34	53.34	53.34	53.34	53.34
Total Searches	160,751	173,624	191,924	171,158	172,235	202,356	200,814	232,307	180,718	180,409	180,356	188,061	196,878	238,638	231,736	247,697	243,686	277,310	284,760	274,547
Transcripts Issued	57,500	58,705	64,461	64,441	71,276	70,919	80,609	124,788	94,761	103,726	104,841	110,060	126,830	148,572	174,527	196,596	196,220	214,508	229,753	220,461

* In 1917 Horse Drawn Vehicles Included.

4837